THREE ESSAYS IN BLOKCHAIN AND CRYPTOCURRENCIES

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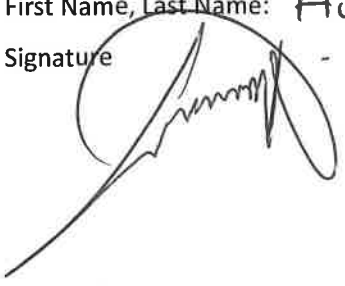
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ABSTRACT

In this study, we conduct three different researches. The first article explores whether blockchain technology is capable of changing the paradigm of the current financial structure and the balance of power in international financial system by analyzing China and Venezuela cases. Due to its peer-to-peer (decentralized) structure, the blockchain technology has the power to alter some of the key industries especially in international finance and trade depending on how states operate this new technology. As a result, although there is a huge gap in the level of economic and political development between Venezuela and China in terms of power, both of them have already invested in blockchain technology to bypass US dominance in the current dollar-based financial system. The results reveal an introductory research and both cases show that even though blockchain technology is in their nascent stage, blockchain technology has the potential impacts on the ways of altering the global financial transactions among the states. Secondly, this article explores the applicability of universal cryptocurrency exchange by analyzing crypto exchanges of Binance, Latoken, Kucoin and Qash, which have also their own crypto currencies in the crypto market. Results of recursive Johansen cointegration model proved that even though all of the cryptocurrencies have long-term cointegration among each other, Binance positively disassociated itself from others after it moved to the Malta in 23 March 2018. Based on daily price of cryptocurrencies over the period from November 6, 2017 to November 10, 2019 taken from coinmarketcap, we conclude that Binance can be considered as a survival of the fittest among all of the crypto exchanges in this natural experiment. Finally, the main aim of this article is to examine long term cointegration among the top cryptocurrencies on the crypto stock market. Chosen cryptocurrencies are Bitcoin, Ethereum, Ripple, Litecoin, Eos, BitcoinCash, Binance, Stellar and Tron. The daily price data captured from coinmarketcap over period from 9/13/2017 to 11/5/2019. Firstly, to forecast the relationship, we apply Augmented, Dickey Fuller, Phillips-Perron and DF-GLS unit root tests and Johansen Cointegration technique. We find out that chosen cryptocurrencies have a same integrated order that reveals long run relationship among each other during the chosen period. Also, VECM

results show that long-term binary relationship exist among the top cryptocurrencies in the market. The results show that price of Bitcoin Cash has positive impact on price of Ethereum, Bitcoin, Ripple and Litecoin. The closing price of Binance is statistically significant for the price of Ripple, Litecoin and Bitcoin. Lastly, the closing price of Ethereum, Ripple and Litecoin are affected by the closing price of Tron. According to those findings, we have identified long-term cointegration among the top cryptocurrencies in the crypto market.

Key words: blockchain, disruptive technologies, price dependency, China, Venezuela, crypto stock market, stock market universality, central banking

Öz

BLOKZİNCİR VE KRİPTO PARALAR ÜZERİNE ÜÇ MAKALE

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Bu çalışmada üç farklı araştırma yapılmıştır. İlk makalede, blockchain teknolojisinin Çin ve Venezuela vakalarını analiz ederek mevcut finansal yapının paradigmasını ve uluslararası finansal sistemdeki güç dengesini değiştirip değiştiremeyeceği araştırılmıştır. Eşler arası (merkezi olmayan) yapısı nedeniyle, blokzincir teknolojisi, devletlerin bu yeni teknolojiyi nasıl kullandığına bağlı olarak, özellikle uluslararası finans ve ticaretteki kilit endüstrilerin bazılarını değiştirme gücüne sahip olduğu kanısına varılmıştır. Sonuç olarak, Venezuela ile Çin arasında ekonomik ve politik gelişme düzeyinde büyük bir fark olmasına rağmen, her ikisi de doların hakimiyetinde olan mevcut finansal yapıda ABD'nin sistemdeki finansal baskısını azaltmak için blokzincir teknolojisine yatırım yapmıştır. Sonuçlar başlangıç seviyesinde bir araştırma ortaya koymaktadır ve her iki durum da blokzincir teknolojisinin henüz ilk aşamasında olmasına rağmen, devletler arasındaki küresel finansal işlemleri değiştirme yolları üzerinde potansiyel etkileri olduğunu göstermektedir. İkinci araştırma da ise, kripto pazarında kendi kripto para birimlerine sahip olan Binance, Latoken, Kucoin ve Qash'in kripto borsalarını analiz ederek evrensel bir kripto para borsası yaratmanın mümkün olup olmadığı araştırılmaktadır. Özyinelemeli Johansen eşbütünleşme modelinin sonuçları, tüm kripto para birimlerinin birbirleri arasında uzun vadeli eşbütünleşmeye sahip olmasına rağmen, Binance 23 Mart 2018'de Malta'ya taşındıktan sonra kendisini diğerlerinden ayırdığını göstermiştir. Bu çalışmada Coinmarketcap'ten 6 Kasım 2017 ila 10 Kasım 2019 tarihleri arasında alınan veriler ışığında, Binance'in tüm kripto borsaları arasında değişime ve yeniliğe kendini en hızlı şekilde adapte ederek, hayatta kalmayı başardığı gözlemlenmiştir. Üçüncü ve son araştırmanın temel amacı ise, kripto borsalarında sıralamala olarak ilk yirmide yer alan kripto para birimleri arasındaki uzun vadede eşbütünleşme olup olmadığını incelemektir. Seçilen kripto para birimleri Bitcoin, Ethereum, Ripple, Litecoin, Eos, BitcoinCash, Binance, Stellar

ve Tron'dur. Analiz 13/9/2017 - 11/5/2019 arası dönem boyunca Coinmarketcap'ten alınan günlük fiyat verilerine dayanılarak yapılmaktadır. İlk olarak, eşbütünleşme olup olmadığını tahmin etmek için Augmented, Dickey Fuller, Phillips-Perron ve DF-GLS birim kök testlerini ve Johansen Eşbütünleşme tekniği uygulanmıştır. Bunun sonucunda seçilen kripto para birimlerinin, seçilen dönemde birbirleri arasındaki uzun vadeli ilişkiyi ortaya koyan entegre bir düzene sahip oldukları sonucuna varılmaktadır. Ayrıca, VECM sonuçları, piyasadaki en iyi kripto para birimleri arasında uzun vadeli ikili ilişkinin olduğunu da göstermektedir. Sonuçlar, Bitcoin Cash'in fiyatının Ethereum, Bitcoin, Ripple ve Litecoin fiyatı üzerinde olumlu etkisi olduğunu göstermektedir. Binance'ın kapanış fiyatı Ripple, Litecoin ve Bitcoin fiyatı için istatistiksel önem taşımaktadır. Son olarak, Ethereum, Ripple ve Litecoin'in kapanış fiyatı Tron'un kapanış fiyatından etkilenmektedir. Bu bulgulara göre, kripto pazarındaki en iyi kripto para birimleri arasında uzun vadede eşbütünleşme olduğu sonucuna varılmıştır.

Anahtar kelimeler: blokzincir, yıkıcı teknolojiler, fiyat bağımlılığı, Çin, Venezuela, kripto borsa, kripto borsanın evrenselliği, merkez bankacılığı

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Essay I: Blockchain Futures in Cryptocurrencies, Trade and Finance: A Preliminary Assessment

1.Introduction

This paper is speculative to the extent that it seeks to account for some of the potential impacts of blockchain technology in disrupting the current structure and balance of power in international monetary order. 'Blockchain' is the latest technology to be labelled "dangerous" since the "true believers" in the technology "won't stop until they've remade the world. Some of it will be thrilling. Some of it will keep us up at night" (Ford, 2018). Waking up to this reality, global firms are investing resources and energy into thinking about the impact of this on their own industries, from finance to AI, robotics, energy and cybersecurity. This is because it has the potential to disrupt what Howard Philip called the coming era of 'Pax Technica' – an epoch of predictable stability based on known rules and expectations, while confirming his expectation that battles would continue to be waged between rival network infrastructure and norms of internet use (2015). States are also increasingly evaluating the ways in which the technology can be harnessed to increase their power in an international financial system dominated by a few. Some, like Venezuela, seek to harness the technology to bypass economic sanctions while bigger powers like China are more ambitious and pursue ways to accrue relative advantages over rivals in a fast changing digital space.

Blockchain itself refers to an idea about how best to organize electronic data, typically in a decentralized system with the promise of ensuring *integrity* in three elements important to any software: data, behaviour and security (Drescher, 2017). Decentralized systems allow for several advantages over centralized ones, including the ability to harness greater computing power, increased reliability, lower costs and the ability to grow naturally as organizational needs develop. Because decentralized systems do not have a single component or nerve center, there is no single point of failure which can bring down the entire structure. For example, in theory, a decentralized version of Twitter could not be taken down by hackers or governments without taking down the internet entirely, since computers would be

operating to keep servers online, rather than a single host. In China today, a state increasingly investing in block-chain futures, this inability to control one application of this technology in the form of cryptocurrencies without taking down the entire internet is one of the Communist Party's main concerns (Ehrlich, 2018).

This paper contends that solutions based on blockchain will also allow for new digital tools to develop that challenges current global hegemonies by opening up space for the bypassing global financial institutions and the power of the hegemonic currencies, thus giving greater influence to weaker and developing states like Venezuela. For states like China, research into blockchain technology is being aggressively pursued to gain relative advantages in the global financial system dominated by western actors. These two case studies are chosen because they represent arguably the biggest challenges to existing global financial orthodoxy, as in the case of China, and also the propensity of frequently maligned rogue regimes like Venezuela to seek out creative solutions to bypass sanctions and maximise their power.

Adopting a realist international financial framework for analysis based on attempts by states to maximise their power in the international realm, we first consider three initial ways in which we think that we can begin to think about blockchain technology and its impact on global financial order. One is through cryptocurrencies, two is its impact on global trade and thirdly we look specifically at how states are thinking about the technology and their futures. Specifically, we look at powerful China, but also weaker Venezuela. We finish with some other preliminary thoughts on the ways in which blockchain technologies may be harnessed and (mis)used by states.

2.Conceptualising technology as power

Technology has always been thought of as part of the panoply of resources a state has in its inventory to reach its desired goals. These goals have been stated in the literature to be aimed at security and power in a world thought to be guided by

shifts in balances of power (Mearsheimer 2001; Waltz 1979, 2000). States jostle for influence in an anarchical international system bereft of hard and fast rules about how best to secure your own survival and, more importantly, in the absence of any one rule enforcer that can ensure peace (Mearsheimer, 2001). Might is right in a game of survival and any military or technological advantage which can be gained in securing your own interests is a rational response necessary to achieve this. Though neoliberal scholars contend that such anarchy can be 'tamed', through cooperation, international organizations and trade that binds states together, even here the focus is on maximising gains but not in a winner takes all (relative) gains scenario but in terms of absolute gains that fosters cooperation (Martin&Simmons,1998). In order to become powerful states must maintain independence in strategic areas like the economy. Our research here shows the ways in which states like China and Venezuela have reacted to the potentials offered by blockchain technology, suggesting that they are very much in search of relative advantages in their aggressive pursuit of solutions to evade what they see as the unfair 'rules of the game' imposed by existing global structures. Blockchain technology offers them a chance to bypass some of these rules, create new ones and reap the rewards of early adoption.

It is useful here to clarify how we understood technology since concepts frame things, giving definitions and meanings to ideas and allowing us to speak to each other so as to better understand how social, political and economic processes evolve (Berenskoetter, 2017). An important introduction into how we should think about technology comes from Charles Singer and his masterful multi-volume work, *A History of Technology* where he attempts to understand technology as "how things are commonly done or made … (and) what things are done or made" (Singer, 1979). Similarly, others have argued that "broadly speaking, technology is the way people do things". (White, 1940). Therefore, we can settle for a definition of technology as centring on "'how humans do things' or, 'how humans get things done.'" (Dator et. Al., 2015). We should appreciate here that any changes in the way humans do things or how they get things done presents an interest to a broad array of scholars: sociologists and their attempts to explain change in society,

historians and their concern for the past and its present implications, economists, too, but also political scientists and their concern for power. It is these last two aspects that we will focus on. To be sure, states have always taken a keen interest in technological change and the implications of this for their rule whether local or international. States invest billions every year to gain military-technical superiority over rivals and increasingly to surveil their own populations as policing is increasingly militarized thanks in part to the transference of military technology to the former (Andreas&Price, 2001). This is because technology has always presented opportunities and challenges to social, political and economic structures in the world. This has led to many critics, notably Heidegger who argued in his influential critique *The Question Concerning Technology* that "everywhere we remain unfree and chained to technology, whether we passionately affirm or deny it" (Heidegger, 1977). It was, he argued, only by recognizing its danger that we can 'escape this bondage' (see Blitz, 2014).[1] In more extreme cases, people like Ted Kaczynski (1995), the infamous 'Unabomber' who ran a bombing campaign across the US between 1978 and 1995, argued that technology was wrecking horror on mankind and needed to be stopped by any means necessary.

To be sure, technology is often charged with disrupting the world: criminal, military and militant uses of the Internet continues to be a major theme when discussing that particular technological revolution (Cleaver, 1998). Consider, for example, the United Kingdom's National Security Capability Review in 2018 which made wide references to cyber crimes – that is, innovative ways to disrupt social, political and economic systems through the internet – as requiring urgent investigation and which were materialising quicker than had been imagined in a 2015 review. Technology is thus thought about in terms of power gains, relative advantages and risks.

That technology companies and those who fund them have always thought about such linkages between technology and power is readily apparent if we look at the history of how the Internet came into being. The US military, for example, helped

[1] Source: https://www.thenewatlantis.com/publications/understanding-heidegger-on-technology

fund the technology which eventually gave us this piece of technology thanks in part to its interest in advanced communication tools (Naughton, 2016). Moreover, US agencies like the CIA and the NSA heavily backed the now global corporation, Google, in its start-up in order to retain intelligence superiority over its rivals (Ahmed, 2015). The fruits of this were deployed in Iraq and elsewhere (Google today is helping the Pentagon build AI for drones among other things). The internet infrastructure has given rise to other technologies which have profoundly shaped, or disrupted if you like, our world too: Google, Facebook, Twitter, PayPal and many others. Moreover, it has allowed for new security threats to emerge thanks to its transformative impact on communications and the ability for group mobilization (Cleaver, 1998).

3.Understanding blockchain

The promise of blockchain technology is its ability to ensure that the disintermediation made possible in decentralized (also referred to as 'peer-to-peer') systems, does not come at the expense of software integrity. In other words, how can parties transact across an internet infrastructure, beset by innumerable vulnerabilities, while also ensuring the system they are using is behaving as intended and free from meddling? To understand blockchain, we should first understand how decentralized systems have evolved. A brief example of the music industry will suffice. By making it possible to download and share music between users without record labels, decentralization over the internet saw the entire industry being radically transformed and leading to the displacement of record labels as the key players in the market. This was done by linking users together and cutting out the middlemen record labels. The transformation of this market and the subsequent development of new industries – like streaming services – was profound. Such a trend will continue "as digitalization continues, more aspects of our everyday lives and an increasing amount of goods and services will become immaterial and will benefit from the advantages of peer-to-peer systems." (Drescher, 2017). This will impact not just financial institutions who have

traditionally acted as middle-men for payments, but also states that have hitherto been able to restrict the types of software operating on the internet and controlled access to financial institutions and thus the circulation of global capital. Removing this barrier to handling monies across the globe also removes one of the aggregate resources in the arsenal of the dominant western powers, mainly the US and her European allies, that dominate global financial markets and trade. The end of the so-called 'unipolar moment' (Krauthammer, 1991, 1992) that followed the end of the cold war is increasingly manifested in clever uses of technology to subvert control.

Blockchain technology itself rests on a simple idea that recording and storing data can be shared in a public ledger thus removing the need for intermediaries and making transactions transparent. This idea, when backed by mathematical set of rules and cryptography results in assurances over data/transaction integrity. In other words, blockchain is about keeping a perfect record of interactions that is immutable (unchanging) over time. Richard Bard, a director at global consultancy firm Deloitte tasked with Supply Chain Planning describes how blockchain technology came to be applied to its most famous application, cryptocurrencies:

> You (a "node") have a file of transactions on your computer (a "ledger"). Your two friends (let's call them "miners") have the same file on theirs (so it's "distributed"). As you make a transaction, your computer sends an e-mail to each friend to inform them. Each friend rushes to be the first to check whether you can afford it (and be paid their salary "Bitcoins"). The first to check and validate hits "REPLY ALL", attaching their logic for verifying the transaction ("Proof of Work"). If the other accountant agrees, everyone updates their file… This concept is enabled by "Blockchain" technology.[2]

Utilizing computing power, blocks of information are recorded and checked for authenticity; as more information is added the individual blocks form a 'chain' (hence block-chain) that forms a perfect record of all that went before it and the new data. This simple idea, first proposed by Satoshi Nakamoto, the pseudonym of a person, or group of persons, helped solve the so-called 'double-spend problem' –

[2] Source for definition: https://www2.deloitte.com/ch/en/pages/strategy-operations/articles/blockchain-explained.html

spending the same monies twice – and thereby launching bitcoin, the first digital currency. Nakamoto proposed a "purely peer-to-peer version of electronic cash" where a trusted third party was not required to prevent double-spending but instead relied on a distributed network of computers that acted as a confirmation mechanism to maintain a universal ledger of all transactions. (Nakamoto, 2008). Other initiatives followed suit and today there are 2094[3] cryptocurrencies on the market as well as a slew of other applications of block-chain technology that have helped to promote distributed online systems and helped to cut out the need for intermediaries.

More than this, as the white paper for the popular Ethereum platform (an application of blockchain technology that allows users to design de-centralized applications, more of which we discuss later) argued in 2013, the *promise* of blockchain is that it allows for people to create "their own arbitrary rules for ownership, transaction formats and state transition functions".[4] In other words, what platforms like Ethereum will allow people to do is to create new technologies that rely on the internet infrastructure but which are not constrained by the fact that it requires a single or centralized server to function. More importantly, those elements of integrity that have traditionally bedevilled distributed systems – data, behaviour and security – are solved thanks to the innovation of blockchain that combines decentralized networks of users, cryptographic hashing techniques and the internet infrastructure. In this sense, the blockchain "can be considered a tool for achieving and maintaining integrity in distributed systems." (Drescher, 2017). That is, allowing the sharing of data and requests across decentralized platforms that preserve the above. Such an innovation is most popularly known to have led to the development of cryptocurrencies, by solving the so-called 'double-spend' problem, meaning that you could accurately track the spending of digital coins on the internet infrastructure without the risk of spending the same coin twice. The technological possibilities of the blockchain can help to restructure the world in a number of ways, some positive and others negative, which we discuss below.

[3] For detail information, see: https://coinmarketcap.com/all/views/all/
[4] Available at https://github.com/ethereum/wiki/wiki/White-Paper

4.Cryptocurrencies

On October 31, 2008, Satoshi Nakamoto revealed Bitcoin by publishing a paper entitled as ‘‘Bitcoin: A Peer-To-Peer Electronic Cash System’’ as an alternative to fiat currencies. Since then, the most widely recognized cryptocurrency reached an all-time high of over $20,000 per coin and despite a drop in 2018 still sees around $2billion in trades with the coin daily.[5] Even though the media gave a lot of attention to Bitcoin, more attention is now given to the underlying blockchain technology which gave rise to Bitcoin. Yet crypto currencies remain important, having already shown their role in providing a means to bypass the global banking system and thus allowing for the trade in illicit goods like drugs and weapons on the so-called dark-net. The Silk Road – an illegal eBay-type website shut down in 2011 by the FBI – is one such example. Its owner was candid about the role of cryptocurrencies in the life of such sites, arguing that “we’ve won the State’s War on Drugs because of Bitcoin” (Greenberg, 2013). Such assessments result from the fact that cryptocurrencies are not backed by governments, but users – users which can chose to be anonymous. Because users of cryptocurrencies have two “keys” – a secret ticket allowing transactions to be completed – one public and one private, with the private one acting as a password to confirm transactions and not linked to a specific user. Cash is thus separated from government control and its ability, for now at least, to regulate it. This reduces the utility of conventional banks: why go through a middleman to verify transactions (typically a bank) when it can be done cheaper and faster using block-chain technologies? The technology thus allows for more control to be given to consumers and business owners since accounts cannot be frozen either. Consequently, all this no doubt hinges on the belief people have in them as a store of value (Shiller, 2018). The technology behind it has won devotees convinced of its utility but the problem remains in its inherently decentralized and pseudo-anonymous natures.

What we mean by pseudonymous is that coin’s owner can in principle be detected given enough data of transactions; the famous case of FBI agents stealing bitcoin as they were supposed to be investigating the Silk Road is instructive here. Two agents

[5] https://www.coingecko.com/en/price_charts/bitcoin/usd

were arrest after another investigator, also working on a similar case, discovered the theft and demonstrated that although cryptocurrencies transactions were anonymous in that your public key is available to all but not tied to your real name or email, nonetheless, since all your transactions are available on the public blockchain – including transactions, time and date – such information over time can reveal things about you and your habits which an astute researcher can tie to specific people. Nonetheless, a digital currency which allows for even pseudo-anonymous payments still presents a world of possibilities that could wrestle power away from governments and corporations trying to manage global transactions. One of these possibilities, which has been discussed a lot, includes continued use for illicit activities such as drug dealing and of course militant groups. One study states that about a quarter of bitcoin transactions are used for illegal activity, something like $72 billion per annum (Foley, Karlsen and Putniņs 2019). That is because cryptocurrencies are revolutionizing the black market much like PayPal, the popular online payment solution technology, revolutionized the retail market.

Another, more interesting idea that we have grappled with is that this alternative payment system can be used bypass the current financial hegemonic order. This is because the cryptocurrencies revolution not only allows for illicit activities as described above, but it allows states to escape the strict regulatory frameworks that manage the globe today (we explore this more in our discussion of how China below). The information contained within blockchain applications in some cryptocurrencies represents an as-of-yet unregulated space unlike our credit cards, which belong to us, as much as they do to banks and a global financial system.

Information is important here, as Jeremy Black, author of *The power of knowledge – how information and technology made the modern world* notes: “The processes of obtaining information and exercising control were linked… a prime objective was the employment of information for (western) economic benefit” (Black, 2014). Technology which allows for transactions that bypass many of these institutions created in the post-1945 world is thus very interesting indeed.

Bitcoin's paramount function is to provide virtual value transactions in the public ledger through peer-to-peer (P2P) consignment. Thanks to this function, it makes it possible to transfer value from one point to another without needing a trusted third party or central authority. It means that each value can be transferred in an electronic environment without needing Paypal, Western Union, states or any other central banks notwithstanding time and place. As argued in the Nakamoto article (2008), although the current financial system performs most of the value transactions that we need, the fact that all transactions are based on a single institution or center can cause insufficiencies in itself such as transfer fees, length of transfer times, untrustworthiness because of asymmetrical information and risk of moral hazard.

Figure 1: Transactions

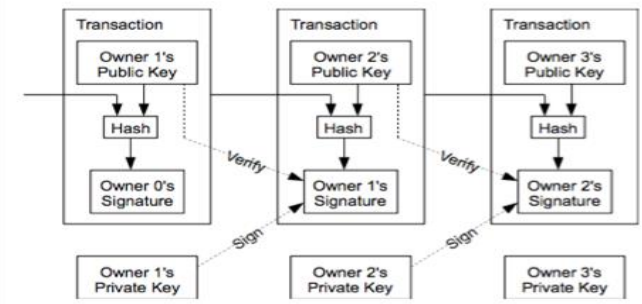


FIGURE 71

Graphic: Satoshi Nakamoto (2008)

According to Andreas Antonopoulos who is author of the *Mastering Bitcoin* (2014) ''Bitcoin is a much more than just the currency, it is a network for transmitting value across the world without reference to nations, without caring who the sender and who the recipient is this". Thereby, this new system has meant the possibility of disintermediation in cross border remittances and in international trade with monies flowing from person to person directly.

Decentralized cryptocurrencies have the potential to shake financial stability by circulating their own instrument of payment without relying on central banks or institutions (Srokosz& Kopyscianski, 2015). After the invention of blockchain, people from the fintech sector started to ask questions about the creative destruction of innovative technological services in the world. That is to say, these new decentralized digital payment applications potentially had disruptive qualities since they could create fresh sharing business opportunities in the financial system. Indeed, it can be stated that blockchain technology established new financial constructions by destroying the old trends and clichés. The more the network grows in the crypto market, the more this system will become efficient and secure for the future. For the first time in history value can be transferred between two distant entities through cryptographically secured system without the need of a third agent.

All in all, this section's goal was to shed light on how blockchain technology disrupts current structures by allowing distributed cross border payments, keeping money safe and ensuring trust among peers all in an affordable way.

5.Blockchain and the Global Economy

From the economic perspective in general, in our current system, the intrinsic value of money is backed by states power. Accordingly, trust is provided by the state, central banks and financial institutions between the seller and recipient when they make value transactions for products. As Mainelli and Smith (2015) has explained, people need trusted central financial institutions, with trust being a much more comprehensive concept than money. Indeed, trust is inevitably obligatory in financial services and international trade. To finalize successful transactions, trusted third parties exist to validate transactions, since parties do not trust each other (otherwise there would be no need for financial services for exchanges).

Furthermore, the structure of the global economy also changes as technology develops. Productivity, the organisation of industry and transaction costs not only related to economic system, but also their development and remodelling depends

on political, educational and social structures. They are all interconnected and form an ecosystem (Madhok, 2002). Thanks to the Internet, the diffusion of ideas and connectivity among people has accelerated and, as a result, ‘‘in an era of technology advancement when the entire world is talking about the “Internet of Things” whereby we are expected to have connectivity between anything and everything, Currency cannot be left behind’’ **(**Seetharaman et al, 2017). Today, thanks to the invention of blockchain, value connectivity would be provided among people from all over the world. Briefly, even though we are in the nascent stage of this particular technology, it is clear that this can provide value transactions and more efficient payment systems that enables us to transparently trace accessibility in the international financial system due to the fact that it is based on mathematical models.

Finally, blockchain technology and its impacts on the global economy should be read as based on the two basic *costs* which the technology transforms. As identified by (Catalini&Gans, 2016) these are ‘the cost of verification’ and ‘the cost of networking’. Approval of transactions can be finalized at almost zero cost by each node in a transaction, thus allowing for any participant to equally reach all the data, use the same infrastructure that they share and, finally, to transact with one another without depending on time and space constraints in the marketplace. The second premise is about scalability in the blockchain economy. Blockchain makes it easier to create new markets in a digital atmosphere by reducing the cost of expansion for firms. The race to harness this potential has already begun.

6. States and blockchain

An important example to understand the implications of some of the above can be given by focusing on the case of China and Venezuela. China is important because of its huge economy, global ambitions and massive early investment in researching blockchain potentials. Venezuela is an interesting case because it is subject to sanctions by the both the US and the EU who together lead global financial flows; Venezuela has worked hard over the past decade to evade these sanctions and

most recently turned to blockchain technology and thus presenting an intriguing insight into current and potential future trends.

China is proactively carving out a sphere for itself in the digital sphere as a means to enhance its status as a great power. Indeed, achieving such a status is acknowledged domestically as requiring military power, but also that "marketization, *revolutionary advances in information technology,* and internationalization are becoming the foundations of national strength" (Rozman, 1999). It is precisely this advance in information technology which is today a key aspect of China's march towards global authority while much literature tends to focus on domestic attempts to control its population via advanced technology. The contours of this quest for power go much further, especially in its bid to carve out a sphere of influence in the digital sphere as necessary addition to its military and economic might. This stems from its belief that the current global system is driven by self interest. Indeed, China initially accepted the wave of globalization in the 1990s as a necessary part of its own development quest, but soon realized it was a "double edge sword" that, if mismanaged "could very well derail China's quest for great-power status" (Deng&Moore, 2004). Events like the Asian financial crises between 1997-1998 "reinforced suspicion that the United States and Japan seek every opportunity for strategic gain, even in ostensibly economic matters" and the "severe imbalances and inequalities" that persisted in the international system. Beijing, moreover, "did not see itself as immune to the vagaries and injustices associated with contemporary international economic relations" as Deng and Moore stated in 2004. At the same it is also aggressively sought to promote its economic ties with African and Latin American states and "providing an indirect challenge" to US attempts to construct a global liberal order that serves its national interests" (Breslin, 2016). Financial risks and opportunities – and keen eye for how these relate to its power globally – have pushed China to invest heavily in blockchain research, especially as this relates to overcoming the current dollar dominated financial system's inherent restrictions. Assessing China's initiatives and eagerness to explore decentralized cryptocurrencies is worthwhile in terms of appreciating their future economic course. China is already a significant player in

the Bitcoin market and thus the broader blockchain economy. China dominated 98% of global crypto trade volumes in 2016 (Chinaccelerator, 2017). Likewise, China is a leader state in terms of people there holding the largest cohort of Bitcoin miners, composing more than 50% of the world's mining population in 2017 (Fortune, 2018). This is due to cheap electricity in the provinces of Yunnan and Sichuan thanks to hydropower (Huang, 2018). For this reason, China attracted the world's attention as a leading country in the crypto currency world from the very beginning of this system.

China has already made a distinguished name for itself in the business sphere for its powerful technological firms and advanced digital payment systems. The rise of firms like Huawei and its role in bringing advanced 5G technology to global consumers shows how Chinese companies have both managed to gain a foothold in international markets but also increasing uneasiness about what this may mean for security. On the first score, this is unsurprising: China holds a leading position in international trade and is a massive contributor to world trade, especially after the 2008 financial crises. Nonetheless its power to shape the international economic agenda is inhibited since the global economic system continues to use the American dollar as the reserve currency, especially for crucial commodities like oil. Any crises and grievance that originates in America sends shockwaves around the world. Other currencies thus always face exogenous risks and their financial stability is affected by external circumstances. However, in encrypted markets systems, coins with a fixed circulation supply do not lose their real value over time as the network of users enlarges (Harris, 2017). De-dollarization also comes with the added benefit of being able to control more locally for inflation and not being beholden on the US Federal Reserve (Zhang, 2016). Epitomizing the role China has assigned to blockchain research, China's Central Bank (PBoC) has funded an advanced research group in 2016 for a national digital currency in order to scrutinize the strategic objectives of digital currencies and initial coin offerings by connecting with specialists of Citibank and Deloitte[6]. PBoC's main objective is to decrease operating costs, gain greater efficiency and to check for unlawful money flows (Das, 2016).

[6] Source:http://www.pbc.gov.cn/english/130721/3017134/index.html

Fan Yifei, the vice governor of the PBoC indicated that PBoC's main agenda is going to be concentrated on digital currency and development to guarantee of the empowerment of the Chinese yuan in the international financial system (The People's Bank of China, 2018). The consolidation of China's national currency is a strategic priority which the country hopes will provide leverage against the U.S dollar (Zhao, 2018). PBoC research centered on new cryptocurrencies and blockchain technology is already a work in progress China is poised to emerge as a pioneer for these new innovations in a supervisory role. This will involve their own private encrypted currencies and creating digital legal tenders of their own (Campbell, 2016). Additionally, reports from the Chinese Academy of Social Sciences, a top government think tank, argue that digital currencies as an international payment system should be adopted by central banks in order to decrease transaction time and costs (Reuters, 2018). Zhou Xiaochuan who is a governor of People's Bank of China affirmed that digital currencies have practical revolutionary functions as a payment system in terms of their speed, reliability and inexpensiveness[7]. To set up cryptocurrencies for financial regulations, Fan Yifei, a vice central bank governor has offered a strategic policy for China to carry a two-tier system, which consists of the central bank and financial institutions as a legitimate issuers[8]. All in all, China's Central Bank is in the progress of integrating their financial system into the blockchain economy in order to protect their national currency and diversify their financial revenues against dollarization.

7. Venezuela

Unlike China, Venezuela has since 2010 been plunged into a major economic crises, compounded by domestic infighting between the socialist government of first Hugo Chavez and then Nicolás Maduro and the opposition. Hyperinflation and food shortages on top of the country's inability to engage fully in international financial markets due to US sanctions have hit the country hard. Like China, Venezuela has

[7] Source: https://www.bloomberg.com/news/articles/2018-03-09/cash-may-disappear-in-china-as-payments-go-digital-pboc-says?utm_content=crypto&utm_campaign=socialflow-organic&utm_source=twitter&utm_medium=social

[8] Source: https://www.reuters.com/article/us-china-crytocurrency-cenbank/central-banks-should-consider-using-digital-currencies-china-think-tank-idUSKBN1FR0ZL

also invested in blockchain research to alleviate what it believes is an unfair economic system holding back its progress.

Venezuela is primarily interested in blockchain as a way to create a new digital currency to raise global funds, bypass US and EU sanctions and offer an alternative to its domestic currency, the Bolívar. To this end the country launched its own cryptocurrency called 'petro' in 2018. The aim was to attract foreign investors who could not have approached the country via conventional means and in the end it raised $700 million dollars in its initial offering. Venezuela has also vowed to "that it will accept petros as a form of payment of national taxes, fees, contributions and public services." (Samson, 2018). Via initial coin offerings the state was able to raise money and bypass international banking restrictions. This follows intense research by other countries, most notably Sweden and its Central Bank, Sveriges Riksbank, about the viability of releasing an 'e-krona' which would be equivalent to its regular currency. In Venezuala's case, the country pegged the coin to the petro to the price of oil in a bid to lure investors and raise foreign currency supplies.

Sensing the dangers, the influential US-based Brookings Institution released a report deriding this developing, arguing that "it is relatively unsurprising that a dictatorship with little reserve currency ... has resorted to a deceitful means like introducing the petro ... [t]he petro ... exists to create foreign currency reserves from thin air" (Karsten and West, 2018). Despite this the Petro token "raised more than 4.777 billion yuan, or $735 million, and that the state-backed virtual currency reaffirms our economic sovereignty" (Browne, 2018). Similar coins are being considered by Iran Russia and some other developing countries. Going forward there is the very real prospect here for other states to follow suit and "create a cryptocurrency tied to a government-controlled asset, raise money in violation of sanctions, and proceed to manipulate that cryptocurrency's value to maximize profit" as researchers Karsten and West (2018) uttered in center for Technology Innovation. Cryptos thus erode the power of sanctions by exploiting the newness of the technology and potential ambiguities.

Recognizing the ways in which this technology weakens its power to punish what is considers rogue elements in the international system, US financial regulators begun considering making ownership of the petro coin illegal due to sanctions and noted that "in light of recent actions taken by the Maduro regime to attempt to circumvent U.S. sanctions by issuing a digital currency in a process that Venezuela's democratically elected National Assembly has denounced as unlawful, hereby order as follows: Section 1. (a) All transactions related to, provision of financing for, and other dealings in, by a United States person or within the United States, any digital currency, digital coin, or digital token, that was issued by, for, or on behalf of the Government of Venezuela on or after January 9, 2018, are prohibited as of the effective date of this order."[9] It can be said that the current economic woes impacting Venezuela based on a largely worthless national currency, the lack of financial services, hyperinflation rates and massive national debt has pushed the government to create alternative payment tools in order to fend off financial and political sanctions that the US has imposed on it implied on it.

By harnessing the power of blockchain, Venezuela was able to introduce create a new instrument to bypass existing financial systems. Petro thus became the first formal cryptocurrency in this ecosystem. Despite its obvious failures – low uptake from citizens, for example – other efforts were made to stabilize and take control of the worsening economy, including revamping petro coin's functions. For example, a new petro public sale begun on November 5 2018 as stated by Venezuelan president Nicolas Maduro on national television. The differences between the revamped and old Petro is that the newest one is not going to be backed just by oil but by 10 percent diamond, 20 percent gold, 20 percent iron and 50 percent oil resources (Berman, 2018). This would help to remove one of the key concerns for cryptocurrency investors, which is price volatility. In a bid to further force citizens to use the coin, an updated white paper stated that in the future passports in

[9] Source: https://www.whitehouse.gov/presidential-actions/executive-order-taking-additional-steps-address-situation-venezuela/

Venezuela can only be purchased with the revamped petro and it will cost 7.200 bolivars (equivalent to two crypto Petros)[10].

Acutely aware of their subordinate position in an international system dominated largely by actors who sanctioned it and with an increasingly hostile regional environment, Venezuela has sought create solutions to bypass financial systems entirely. It is clear that the Venezuela government is in search of alternative payment systems in order to save their country from the intensifying economic meltdown, humanitarian crises and to circumvent U.S sanctions. Petro, as a decentralized cryptocurrency, is pitched as a legal substitute to dollars. Practically speaking though only time will tell us how successful petro can be in recovering Venezuela from the current deep economic crises it is mired in. Doubts remain, however, about its viability owing to its centralized (state) nature making it just as suspicious for Venezuelans as the practically useless official currency, the bolivar. Yet this does not mean the end of blockchain or cryptocurrencies in the country. Venezuelans continue to trade massively in bitcoins, especially as economic conditions worsen.[11] The US Treasury Department was so alarmed by the financing of petro that it recently put Moscow based Evrofinance Mosnarbank on its sanctions list for helping Veneuzuela in this (Mohsin, 2019). Still many obstalces remain for Venezuela however and it is clear from the petro case that for economic reconstruction or remodelling programs of this scale, much of the ground work – educating citizens for one – is required beforehand. The more people are educated, the more petro can be used more efficiently. In addition to this, the government still has to overcome any negative perceptions among the public. Only then can the petro be accepted more widely.

8.Other blockchain potentials

[10] More information, see: https://www.bloomberg.com/news/articles/2018-10-05/crypto-now-the-only-way-isolated-venezuelans-can-buy-passports

[11]Source: https://dailyhodl.com/2019/02/23/venezuelan-says-bitcoin-and-crypto-are-keeping-his-family-alive-as-crisis-grows-increasingly-violent/

Before concluding, we wish to point to a few other block-chain potentials and implications for power politics. Firstly, crypto currencies can be used as a financing tool also has the potential be used as payment to people in 'repressive regimes' thus restoring some 'balance' to the otherwise disruptive nature of this technology. This can already be seen, as in the example of US activists wanting to 'airdrop' (digitally send) bitcoins to dissidents inside Venezuela who are organizing against the government there (Hertig, 2018). This has also turned, in 2019, into a bid to airdrop humanitarian aid as the government blocks US and other attempts to do this using physical goods (Constable, 2019). This concept could be extended to other spheres, like the funding of human rights groups in countries like Iran and China. The opposite is also true, however, and blockchain applications to cryptocurrencies can be used to challenge established existing global hegemony:

> According to an indictment released Friday by the DOJ, the Russian intelligence officers who orchestrated the 2016 hacks of the Democratic National Committee and Clinton campaign funded their operation using $95,000 worth of Bitcoin and other cryptocurrencies. The hackers allegedly used the funds to purchase the domains, servers, and accounts involved in obtaining and disseminating the stolen materials (Barber, 2018).

Moreover, the ability to of blockchain to build a new internet infrastructures in the form of DAPPs (decentralized applications) also presents massive potential for shifting the place of companies like Apple, Google, Facebook and more. The logic behind DAPPs taps into wider calls for democratizing the internet (giving access to more people and removing regulations that hinder its use) (Simonite, 2018). These are interesting because unlike conventional applications there is no single point of failure; if you wanted to take out Twitter or Facebook you would simply take out their servers. People designing these are thinking of a world where we had a Twitter which could not be altered, taken down or censored. This can be used to target 'repressive' regimes and ferment unrest. Currently, even more secure applications, like the TOR browser that bounces IP addresses across the world to conceal a users

identity, can be blocked.[12] DAPPS rely on the used computing power (like the computers in our office which we left on and are not using at this moment) to serve users across the internet. DAPPS can be designed to be autonomous, with all changes requiring consensus of the network (in other words, for you to overrule the DAPP you would need to control 51% of the network – very hard to do) thus mitigating the risk of Denial of Service attacks (DOS) that cost companies and states millions in lost revenue and time a year. (pymnts, 2018)

Lastly, we can also see the ways in which block-chain technology can allow governments around the world to take back control of the internet and to increase monitoring of people. If we think about the potential of this technology to disrupt our world and then consider for a second if the government made it mandatory for everyone to own one private key and illegal to own another beside the state allowed you. Moreover, the state forcing everyone onto the blockchain means that it could theoretically track all online activity tied to our unique IDs. Not only would it give them incredible ability to track payments (using the blockchain's public ledger basis) but they could theoretically use the situation to block all your online activities. This would amount to a form of social exclusion by technology. Some states have already tried to reach such a goal: "In China, a national identity card is required for almost everything, from buying a train ticket, to opening a bank account to using an internet café." (Lucas, 2018) Such debates are crucial when considering the development of what Shoshana Zuboff (2019) calls 'surveillance capitalism', and the dangers posed by corporations that gather huge data about our private lives.

By way of a national cryptocurrency of its own. In both cases this exciting new technology has the potential to revolutionize the way global financial transactions are processed.

[12]Source: https://www.technologyreview.com/s/427413/how-china-blocks-the-tor-anonymity-network/

ESSAY II: Survival of the Fittest: A Natural Experiment from Crypto Exchange

1.Introduction

Money, as an influential symbol of independence of nation-states, is one of the most crucial binding factor between state and its citizens. Indeed, trust is a central ingredient for a national currency while relying on the hard power of the nation-state. Therefore, rulers of national states are accepted as a main trust-provider for their own citizens. Albeit, in the financial system, people ostensibly invest in currencies as store value, financial safe harbors are more preferable for investors, of course, by virtue of protecting their wealth. Hence, a confidence loss in the system triggers even more risk averse investment environment for the investors (OECD, 2013).

Stock markets have their impacts on economic activity by providing creation of liquidity through international capital inflows and outflows. Larger stock markets in assets size provide more vibrant market liquidity, which allows investors superior diversification opportunities, less risky and more attractive prospects. Companies in emerging markets, for example, could acquire more stable access to finance especially in risky times through their more efficient and liquid stock markets. However, during the financial crises, emerging markets are often disproportinately affected as compare to their more developed counterparts due to their financial imperfections. These challenges, considering of previous financial crises, gave rise to the discussion of value of universal single market to incarese the efficiencies of the stock markets. Many emerging market countries have relatively small stock markets. However, due to the nationalistic pride, they tend to have their own stock markets regardless of the inefficiencies stemming from the size of their markets. However, the question of whether some small developing countries really need a seperate domestic stock market appears to be raised even more in recent years (Demirgüç-Kunt and Levine, 1996).

A broad spectrum has been already driven by the scholars about the concept of universality of stock markets as a remedy for the financial system issues. Theories and empirical investigations show us stock market efficiency and integration stir up

economic growth (Mollah & Mobarek, 2016). Furthermore, Chuu-Sheng (2007) states that stock market integration boosts efficiency of the local market. Gourinchais and Jeanne (2006) discuss the importance of the concept of ‘‘international financial arhitecture’’ which lay stress on increasing productivity of developing economies through international financial integration by promoting competitiveness and liquidity in the global economy. There have been a number of studies about benefits of stock market integration. Golçalves et. al. (2011) disclose the possible characteristics of stock market universality by taking into consideration Standard & Poor’s 100 (S&P100) daily index with respect to positive returns. Moreover, as Lauria (2000) indicated that the alliances and mergers&acquisitions of the top stock markets such as New York Stock Exchange and Nasdaq across Atlantic countries have increased potentiality of a new global exchange market. Based on these mergers and alliances of the top stock markets in the world, there has already been discussion about possibility of global or universal stock market among investors and academic scholars. Hence, this paper aims to extend existing literature on the possibility of universal stock market model with a new perspective on the borderless crypto stock markets.

As the Fintech sector evolves and the number of technology-oriented companies grows, global financial markets are releasing international capital flows by removing restrictions and regulatory barriers to capital flow. Furthermore, Demsetz’s research (1968) presents that a trader’s behavior is affected by structure of stock market in the process of formation of the prices. If a trader adjudicate optimal price order, the number of traders plays an important role for the behavior for market liquidity. However, complex structured stock markets might dictate some rules to the traders e.g; time, process, orders and limits of the submission. Thus, these constrains adversely influence the trader and indirectly the market liquidity. Hence, as Maureen (2001) underscore that the simplicity of the market structure increases market liquidity.

After 2008 world financial crises, in the midst of harsh critiques against reliability of centripetal national institutions, which can take fallacious decisions for their own citizens in the financial system, Nakamoto (2008) came up with Bitcoin as a critique

of old-fashioned Banks' hegemony and its systemic malfeasance. It opened up the new discussion in the political economy; can trustless universal financial trust mechanism be provided from peer to peer by the help of cryptography. In this context, blockchain technology has attaracted attention for excavating relationship between conventional and prospective styles of monetary system. This new blockchain system that is organically provided by the community itself bestows unconventional universal monetary approach.

Crypto stock markets provide distributed digital infrastructure for their investors to transact their crypto currencies. Crypto stock markets are manifesting themselves as an open financial platform where they give their investors more freedom and control to manage their own digital assets without subject to state's regulations.13 Accordingly, investors, academic scholars and government officials contemplate whether blockchain technology has power to revolutionize traditional stock market in global financial systems. Mckinsey (2018) reported in their strategic business value article based on 90 use-case that crypto-projects within crypto stock markets, which are the initial gates to enter crypto world, is in their nascent time and they have unstructured and unregulated system. However, entrepreneurs and investors can provide cost reduction, capital relief and global-scale data sharing though blockchain system due to its decentralized structure (Carson et. al., 2018). Besides, according to World Economic Forum (2018), crypto stock markets can be seen as prospective gateways to draw more inclusive financialization, especially for the marginalized groups of people within the society (Dow, 2018).

In the crypto exchanges, Binance is the top-traded crypto stock market and world's largest crypto exchange, which also have their own BNB token, worth of approximately $500 million. Coinbase, on the other hand, is the second largest crypto exchange and has $40 million trading volume in one day (French, 2018). Moreover, in the first quarter of 2018, whilst Nasdaq has $209M net income, it is announced that Binance crypto stock market has reached $200M net income just 8 months after their establishment (Nasdaq Report, 2018 and Baker, 2018). However,

13 To see these points, web pages of Coinbase, Inc; Binance and Bitfinex provide examples.

Changpeng Zhoa, CEO of Binance, states that the gist of their purpose is not to pose an existential threat for traditional stock markets, national institutions or states. Indeed, he wants more than that by inviting all of the investors/crypto users from all over world without regarding on gender, race, identity, religion, culture and nationality to the Binance stock exchange market. Independently from traditional finance world, Binance's ultimate goal, as CEO of Binance declared, is to create their own universal crypto community by investing on cross-continents to break communities' chain from limitations of the traditional systems (TechCrunch Blockchain, 2018).

Based on the literature, previous studies of Leung and Nguyen (2018) proved the importance of the constructed co-integrated crypto portfolios based on different asset prices in the process of taking advantage of arbitrage opportunities for the crypto-investors by using Johansen and Engle-Granger two-step approach. However, our main purpose in this paper to present new empirical evidence on the possibility of universal stock market in the crypto's borderless financial system in the world. In the literature, the discussion of possibility of single stock market concept has already been discussed among the scholars. Hovever it is almost impossible to have a natural experiment to allow all the stocks to be traded in all exchanges. However, cryto exchanges provide an opportunity to test that in the absence of borders and national regulations when all the major cryptocurrencies exchanged in all exchanges, what exchanges gain dominance over time. To this end, we consider the prices of their own cryttocurencies of these exhanges as proxies and anayze their evolution over time to test our survival of the fittest argument.

Price movements in their own coins of the crypto exchanges give information about the popularity and the prospects of the crypto exchanges. Hence, the paper contributes to the literature on the idea of applicability of universal stock market with using the case of Binance's influence over other crypto exchanges. In general, the paper anayzes the Binance, Qash, Latoken and Kucoin crypto currencies price data from November 21, 2017 to November 10, 2019, results of Johansen cointegration model reveal that even though all of cryptocurrencies have long-term cointegration among each other, Binance positively disassociated itsef from others,

when its operation are moved to the Malta after March 2018. Therefore, we conclude that Binance can be considered as a survival of the fittest among all of the crypto exchanges in a natural experiment.

Our long-term data sets permits us to conduct recursive Johansen cointegration technique. We conduct recursive Johansen Cointegration model because our focus is to figure out movement of the cointegration relationship of our multivariate variables with respect to time rather than observing of binary causality among the variables. Johansen cointegration test is superior than other techniques in terms of multivariate variables and long-term cointegration analysis. In addition, especially for the fintech sector, weekly and even hourly analyses might play an important role for the investors. Accordingly, our yearly data sets consist of 720 numbers of observations large enough to be able to conduct Johansen cointegration test. Last but not least, we choose specifically recursive johansen cointegration technique due to the fact that our aim is to examine thoroughly dynamics of cointegtation degree of our variables day by day with respect to our yearly time period from 2017 to 2019.

Binance is the main focus of this paper. Other chosen crypto currencies are Kucoin, Qash and Latoken as counterpart to Binance. They are fundamentally very similar exchange platforms like Binance. However, they have slight differences in general. Kucoin is the most similar exchange to Binance and focuses on mostly cryptocurrency trading with Binance-like interface and business model. However, Kucoin gives more incentives to newcomers and traders in order to increase their user count (Kucoin Whitepaper, 2017). Main focus of LAtoken is its attempt to be a tokenization platform which “provides the issuance and trading of tokens and aim to establish infrastructure for tokenizing private and public equity, funds, real estate, and works of art.” (Latoken Whitepaper, 2019). Besides cryptocurrency trading, QUOINE Liquid provides a crowdfunding platform and its utility token QASH is used in all QUOINE services including ICO service, (QUOINE Liquid Whitepaper, 2017). Overall, even though these exchanges have different focuses, Binance is inclusively trying to provide all services in its platform.

The rest of the article is designed as follows. Section 2 explains Binance's inclusive policies and their management motto. Section 3 elucidates functions and services of Binance that made them stand as a role model in the crypto exchange market. The following section presents methodology, findings and the last section concludes.

2.The Environment That Binance Was Born

Before giving preliminary information about how Binance becomes a leading coin in the crypto stock market, portraying the atmosphere where Binance was born will elucidate the conditions fostering its birth. Major problems have already existed in the crypto exchange world. Most particularly, exchange hacks and state regulations were the major challenges. Hereupon, the biggest cold wallet company Ledger claimed the fact that nineteen crypto exchanges including MT. Gox, Poloniex, Bitstamp, and Bitfinex, have been hacked. Indeed, stolen value is equal to 1 billion dollars until Binance got on the stage in June 2017 (Ledger, 2019). Notably, Mt. Gox hack attack was considered as one of the most devastating and influential in crypto exchange world. MT. Gox was a crypto exchange, where 70% of the transactions were carried out before they had lost their credibility at the investors' eye. Besides, the cost of attack was equal to 850.00 bitcoins, which amounted to 17 billion dollar at that time when Bitcoin was most valuable (Pollock, 2018). Furthermore, crypto exchanges had series of problems with national goverments. In September 2017, China decided to close crypto exchange (Goh et. al. 2017) and banned Initial Coin Offerings known as ICO (Ghosh, 2017). In addition, there have been many controversies about Bitfinex's 1-to-1 US dollar backed stable coin Tether (USDT), whether it is backed or not, since it is announced in 2015 (Bitfinex, 2015) This issue is still around and investigated by Hackett et al. (2019). These kinds of issues led to a loss in confidence in crypto exchanges. However, many hassle-free exchanges like Coinbase have never been hacked. Coinbase is located in San Francisco and has an insurance for its funds (Coinbase, 2019 and Clinch, 2015). Coinbase operates only in the US and some European countries, and they just have three crpyto-currencies included in the exchanges as Bitcoin, Ethereum and Litecoin. Concisely, all of these deficiencies of systemic qualifications induced the investors to search for alternative

trustable exchanges. Under this set up, Binance emerged as an alternative gateway for investors.

2.1.Functions of Binance

Crypto traders must choose one of the crypto stock markets according to their needs in order to make trade in the crypto world. Accordingly, there are more than 100 crypto exchanges, which have different in-depth technical competences, such as security, liquidity, transaction speed, coin variety, low fees, deposit options, and mobile applications to attract investors and polish their economic activities in their community. Binance has the highest volume among crypto exchanges according to coinmarketcap. Moreover, Binance can procure fastest exchanges by virtue due to its matching engine that can handle 1400000 orders per second (Binance whitepaper, 2017). They are among the top three exchanges in terms of coin variety with about 500 trading pairs. Accordingly, their 0.1 percent trading fee is the least fee among big crypto exchanges. Besides, customers receive up to 50 percent discount if they pay the fees with Binance Coin, which is Binance utility token of Binance, (Falk, 2019). Binance whitepaper (2017) also states that Binance was supported by "Web-based trading client, Android native client, iOS native client, Mobile HTML5 client (including WeChat H5 client), PC (Windows) native client, REST API" and it supports Visa and Mastercard as a deposit options, (Russell, 2019).

Binance's winning strategy not only depends on to be a leading exchange with these functions. Besides, Binance is eagerly adding innovative functions into its system. In this direction, Binance launched fiat-to-crypto exchanges in Jersey and Uganda. According to Changpeng Zhao, "Binance plans to grow to ten fiat exchanges in 2019, with 'ideally two per continent" (Russell, 2019**).** Furthermore, Binance launched its own *Blockchain Binance Chain* which is seen as "one of the most important crypto events of the year" by Kyle Samani, Co-Founder of Multicoin Capital Management. Binance plays a fundraising role from Initial Coin Offerings through their Launchpad, which enables startups to raise fund in the platform. As it stands, Binance Chain is the basis of Binance DEX, which is decentralized crypto exchange of Binance (Kharif, 2019). In addition to these novelties, Binance launched Binance Labs to invest more

than twenty projects. Binance Academy, on the other hand, aims to educate people in more than fiteen languages with articles and videos. Besides these innovative functions, BNB, token of Binance, has a great role in Binance's success. As He-Yi, the co-founder of Binance, mentioned: "It's only through BNB that we've built such a strong community, and this is the secret of Binance's growth." BNB, native utility token is used in the Binance platform for Binance Launchpad, to reduce fees, to vote for community coin of the month and so on (Pollock, 2018). With the help of these innovations and meeting various needs of crypto traders on a single platform, Binance increased its customers to more than ten million (Wang, 2018) and achieve to retain them. Hence, Rizzo (2019) stated that "cryptocurrency exchanges, some of the largest and most profitable businesses in the industry have a big problem of retaining users for which they're willing to consider any and all manner of solutions for, but Binance already has a solution."

2.2.Other Cryptocurrency Exchanges With A Utility Token

Although Binance's innovative and inclusive model brings success, as Rizzo (2019) claims in the most known crypto news platform Coindesk that "competitors could easily replicate their strategy of offering many cryptocurrencies", and "with incentives so well aligned, other exchanges have been rushing to replicate the model". Kucoin, QUOINE Liquid, and LATOKEN are a prominent example of these replicated models. Kucoin give trading discount for KCS, its utility token, holders give "awards for new-user invaders" and "promise to keep the fee rate low" like Binance. QUOINE Liquid has utility token called QASH that can be used for fee discount and in all QUOINE services including ICO service which is similar to Binance Launchpad (QUOINE Liquid whitepaper). LATOKEN also has utility token called LA and it is used for the support transactions, paying fees and using LATOKEN platform's services (LATOKEN Whitepaper, 2019).

These exchange tokens increased their values in the late 2017 and early 2018 and had eminently high correlations in this period. However, Binance positively disassociated itself from others when it moved to Malta in March 2018. One year after this move, prices of KCS, QASH, LA and Bitcoin decline significantly while the

value of Binance stays strong and stable. Hence, Binance's significant move to Malta is discussed in next part.

2.3. Heading To Malta

As we discussed in the first part, regulators from China to the U.S. had been cracking down on cryptocurrency exchanges. Japan, where Binance had an office, followed them and the Financial Services Agency of Japan issued a warning to the seven crypto exchanges for operating without approval, (Nakamura, 2018). Within twentyfour hours, Binance announced its new home as "The Blockchain Island", Malta. Prime Minister of Malta's welcome tweet followed it: *"Welcome to #Malta@binance. We aim to be the global trailblazers in the regulation of blockchain-based businesses and the jurisdiction of quality and choice for world class fintech companies."*. Apart from the positive impact of the crypto-friendly atmosphere of the European Union member Malta on Binance's operations, the solving a huge crisis in a very short time with even a better result and Binance CEO's successful and transparent crisis management increased the confidence in Binance.

2.4. Hacking Attack

Hacking attacks are one of the main concern shaking the trustworthiness in exchanges. Nevertheless, in July 2018, Binance became the victim of these attacks. Hackers collected the API keys of some users to suddenly increase and sell their SYS Coins. However, Binance's advanced AI fraud detection timely suspended trading and withdrawals to protect their customers against hackers.

After this event, to protect and insure the funds of customers from any further attacks, Binance created insurance fund as Secure Asset Fund for Users (SAFU) which consist of %10 of its trading fees (Changpeng, 2018). Eventually, Binance became a survival of the fittest in the market by overcoming hack attacks.

2.5.Binance's Cross Continental Projects

Binance's white paper (2017) states that crypto exchanges require universalization mentality and diverse language support due to blockchain's borderless nature.

Indeed, Binance invested more than 190 countries by supporting 15 different languages to foster its own community. Another vibrant instance for Binance's worldwide operations is that it launched Binance Jersey and Binance Uganda for fiat to crypto trading and Binance planned to expand them to 10 exchanges (Rizzo, 2019). Besides, it is important to note that Binance's activities around the world are not only business-oriented but also community building oriented as well. In 2018, Binance organized more than hundred meet-ups, with an average of two to five per week around the world. Finally, Binance's move to the Malta has an impact on the globalization of Binance. Asian originating Binance only had four out of twentyseven team members. While 3 months after moving to Malta, Binance has started to have employees from 39 different countries (Changpeng, 2018). In conjunction with this, Binance appears to have created a global crypto community by implementing nomadic, inclusive, and innovative strategy for its investors.

3. Data Collection and Methodology

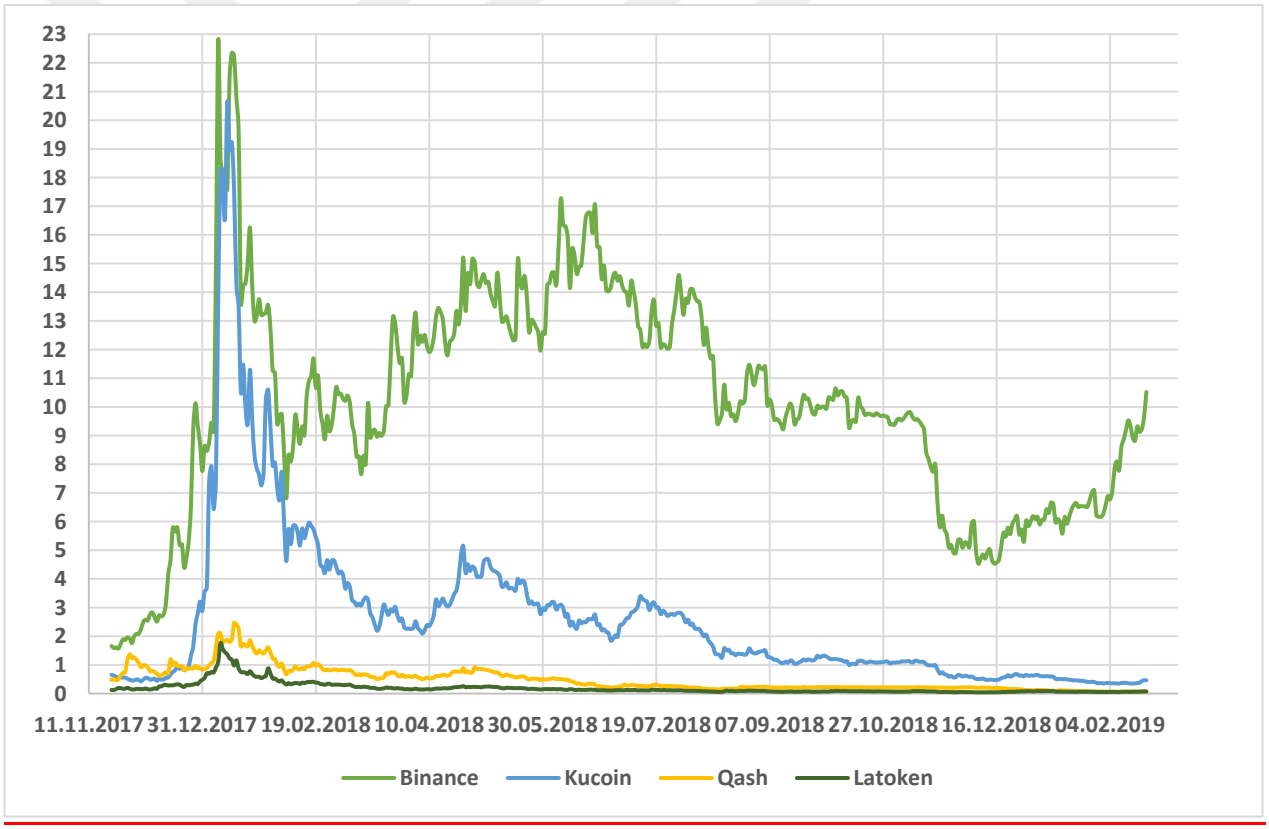
We use daily prices of four cryptocurrencies Binance, Qash, Latoken and Kucoin because they have their own crypto stock markets. Descriptions of these coins are provided in Table 1. The data set covers the period of November 6, 2017 to November 10, 2019. Database of historical cryptocurrency prices, were accessed through an API that was initially given at Coinmarket.cap website (Daily prices are fixed in U.S dollars). Before applying model, we looked at general trends of prices of the variables over time. We figure out that Binance disassociated themselves from other variableswhen they moved to the Malta (March 2018), when we check the four time series as shown Figure 2.

Table 1: Descriptions of Variables

Abbreviation	Variable	Market Cap.	Volume (24h)	Circulating Supply
BNB	Binance Coin	$4,524,287,676USD	$231,386,508 USD	155,536,713 BNB
LA	Latoken	$35,597,531 USD	$59,172 USD	380,104,462LA
KCS	Kucoin	$123,303,383 USD	$14,745,305 USD	89,079,790 KCS
QASH	Qash	$40,432,243 USD	$268,968 USD	350,000,000QASH

FIGURE 2: DAILY PRICES OF KUCOIN, BINANCE, QASH AND LATOKEN

FIGURE 72



3.1. Stationarity and Unit Root Tests

Stationary and non-stationary variables treated differently. Before conducting our model, we identify variables as stationary and non-stationarity with constant and trend models. Stationarity of each variables shows that constant mean, constant

variance and constant autocovariances exist for a given lag in the time series in a determined time interval. On the contrary, non-stationarity characterizes an independent time series that can engender spurious regressions. In other words, non-stationary or unit roots (a random walk) means that when there is a shock during time t in time series, this shock is not going to die away in the following periods, (Brooks, 2014). One of the most critical issues in time series analysis is spurious regressions. In that situation, results can be seen meaningful, even the results of t statistics do not make any sense related to the model (Granger and Newbold, 1974). In order to deal with nonsense regressions and to have meaningful results, it is required to test unit root tests of variables before starting a time series analysis (Harris and Sollis, 2003). Hence, we first start checking the unit root tests of each variable seperately. We employ three different unit root tests; Augmented-Dickey Fuller Unit Root Fuller (1979), Phillips-Perron (1988), and DF-GLS Elliot, Rothenbeng, and Stock (1992) unit root tests with and without trend. We divided data sets into two subgroups, which are categorized as before and after experiment to test the differences among the time intervals.

3.2. Johansen Cointegration Test

To test cointegration, Engle and Granger (1987) developed two-step procedure, which based on single equation technique (Brooks, 2014). Then Johansen and Juselius (1990) improve Johansen Cointegration model which is common model for analysis of more than one co-integrating relationship. The test is based on number of independent linear combinations. After t time, variables produce a stationary process which makes this model useful to test long run relationships in time series analysis. Johansen (1988). This model is suitable for our analysis because we have multivariate variables to test cointegration among each other. Also, this technique is superior than other Engle Granger (1987) technique, which mainly concentrates on causality for binary relationship among the variables. Johansen model's main aim is to determine cointegration of variables with respect to time. This model takes its first step in VAR of order k given by;

$$y_t = b_1 y_{t-1} + b_2 y_{t-2} + ... + b_k y_{k-2} + m_t \quad (1)$$

Where μ is the vector valued mean of the series, b_k denotes the coefficent matrices for each lag. If we use Johansen Cointegration model, above equation must be converted into error correction model (VECM) of the form by adding error correction components;

$$\Delta y_t = \Pi y_{t-k} + \Gamma_1 \Delta_{t-1} + \Gamma_2 \Delta_{t-2} + ... + \Gamma_{k-1} \Delta y_{t-(k-1)} + \varepsilon_t \quad (2)$$

Where, $\Delta y_t = y_t - y_{t-1}$ represents differencing equation and k is the number of lags, $\Pi = (\sum_{i=1}^{k} B_i) - I_g$ and $\Gamma_i = (\sum_{j=1}^{j} B_j) - I_g$ that contains two matrices. Albeit, Π represents long-run coefficient matrix, Γ includes short-run dynamics. There are g number of variables which can be equal to or more than 2. Johansen technique concentrates on the long-run coefficent matrix of the Π. Two different test statistics exist under the Johansen cointegration approach. It can be denated as;

$$\lambda_{trace}(r) = -T \sum_{i=r+1}^{g} \ln(1 - \hat{\lambda}_i) \quad (3)$$

$$\lambda_{\max}(r, r+1) = -T \ln(1 - \hat{\lambda}_{r+1}) \quad (4)$$

Where r represents the number of cointegrating vectors under the null hypothesis. Beside this $\hat{\lambda}_i$ denotes forecasted *i*th ordered eigenvalue from the matrix (Brooks 2014). The matrix can have maximum g-1 ranks. Therefore, if we test 2 variables, there would be maximum 1 cointegrated relationship among the variables. Rather, if there are 4 variables in the Johansen test, it can have a maximum 3 rank. Brooks, (2014)

H_0: r= 0 versus H_1 :0<$r \leq g$

H_0: r= 1 versus H_1 :1<$r \leq g$

H_0:r =2 versus H_1 :2<$r \leq g$

H_0:r= g−1 versus H_1:r= g

where *r* is symbolized as number of cointegrating vectors under null hypothesis. Accordingly, if null hypothesis is rejected such as $H_{0:\ r=\ 1}$, we can conclude that there is one cointegrating vector. On the other hand, if it is not rejected, it presents that there are no cointegrating vectors in time series. Hence, the value of r is enhanced till the null hypothesis is no longer rejected. Brooks (2008).

To put it in another way, we check test statistic by employing cointegrating rank of a VECM. If test statistic is more than critical value (%5), null hypothesis is rejected until the null hypothesis is no longer rejected. It points out that there are cointegration among the variables which results the fact that long term relationship can be observed in the time series. Brooks (2008).

Johansen considers five possible VECMs

Model 1(VECM1): No Intercept or Trend in Cointegrating Equation(vector) and Test VAR

Model2(VECM2): Intercept (No Trend) in Cointegrating equation and No intercept or trend in test VAR

Model3(VECM3): Intercept (no Trend) in Cointegrating equation and in test VAR

Model4(VECM4): Intercept and trend in Cointegrating quation and intercept or trend in test VAR

Model4(VECM5): Intercept and Trend in Cointegrating Equation and only Intercept in test VAR

VECM1 and VECM2 assume that there is no linear deteministic time trend in the time series being assessed for cointegration. Whereas, VECM3 and VECM4 assume

that ther is a linear deterministic time trend in time series and VECM5 assumes that there is a quadratic deterministic time trend in the time series.

3.3. Recursive Johansen Cointegration Test

Considering the same time series Y_t of total length T. Let T1 be some initial observations of T, then a Recursive Johansen Cointegration test will be carried out following the steps;

1. Carry out the Johansen Coinetgartion test for first T1 observations and estimate and $\lambda_{\max}(r, r+1)$. Denote these states as $\lambda^1{}_{trace}(r)$ and $\lambda^1{}_{\max}(r, r+1)$
2. Again Carry out the Johansen cointegration test for first T1+1 observations (i.e. for the sample t=1,2,--------T1+1) and estimate $\lambda^2{}_{trace}(r)$ and $\lambda^2{}_{\max}(r, r+1)$
3. In same manner, carry out the step 2 for remaining all T-T1 observations after T1. Thus, having estimated T-T1+1 trace and max-eigen value states i.e.

   $\lambda^1{}_{trace}(r)$, $\lambda^2{}_{trace}(r)$,----------, $\lambda^{T-T_1+1}{}_{trace}(r)$ and

   $\lambda^1{}_{\max}(r, r+1)$, $\lambda^2{}_{\max}(r, r+1)$,---------- $\lambda^{T-T_1+1}{}_{\max}(r, r+1)$

The simple Johansen Cointegration test assesses the existence of cointegration for the whole period as a whole and assumes that the cointegrating vector and the dynamics of VECM remain same for the whole period. However, Recursive Johansen Cointegration tests gives the flexibility by relaxing the assumptions of constant cointgerating vector and same dynamics of VECM. It can evaluate the evolution of long run relationship with respect to time.

3.4.Empirical Results

Unit Roots

The results show that variables are not stationary. However, it is observed that variables are stationary after taking 1st differentiation for all categories for whole time series, before and after experiment. It is important to note when measuring Latoken's stationarty degree after experiment, we have detected some outliers for the last 6 days. To solve this situation, we conduct average method by taking average of last 15 days to be able to check unit root tests by considering with and without trend. Hence, as demonstrated above tables 2, 3 that cointegration analysis can be applicable for the next step. The next part, therefore, moves on to choose optimal lag length criteria selection. We chose SBIC as criteria, correct lag order 2.

Table 2: Results of Dickey Fuller, Phillips-Perron and DF-GLS Unit Root Test Before Experiment

Date: 6 November 2017-22 March 2018						
	Augmented Dickey Fuller Test (ADF)		Phillips Perron (PP)		DF-GLS	
Variables	Without Trend	With Trend	Without Trend	With Trend	Without Trend	With Trend
Binance	-1.648	-1.719	-1.667	-1.768	-1.899(1)	-1.899(1)
Kucoin	-1.489	-1.319	-1.730	-1.606	-1.559(1)	-1.559(1)
Latoken	-1.673	-1.575	-1.818	-1.718	-1.460(1)	-1.460(1)
Qash	-2.046	-1.914	-2.119	-1.974	-1.590(1)	-1.590(1)

Note: *,** And * refer to rejection of null hypothesis at 1, 5 and 10 per cent significant levels, respectively. H0: The series have a unit root. Ha: The series are stationary.**

	First Difference
Date: 6 November 2017-22 March 2018	

	Augmented Dickey Fuller Test (ADF)		Phillips Perron (PP)		DF-GLS	
Variables	Without Trend	With Trend	Without Trend	With Trend	Without Trend	With Trend
Binance	-10.012***	-9.981***	-9.896***	-9.859***	-7.799***(1)	-7.799***(1)
Kucoin	-9.764***	-9.761***	-9.790***	-9.783***	-7.767***(1)	-7.767***(1)
Latoken	-11.440***	-11.451***	-11.465***	-11.472***	-6.874***(1)	-6.874***(1)
Qash	-10.637***	-10.671***	-10.603***	-10.634***	-7.803***(1)	-7.803***(1)
Note: *,** And * refer to rejection of null hypothesis at 1, 5 and 10 per cent significant levels, respectively. H0: The series have a unit root. Ha: The series are stationary.**						

Table 3: Results of Dickey Fuller, Phillips-Perron and DF-GLS Unit Root Test After Experiment

Date: 23 March 2018-10 November 2019						
	Augmented DickeyFuller Test (ADF)		Phillips Perron (PP)		DF-GLS	
Variables	Without Trend	With Trend	Without Trend	With Trend	Without Trend	With Trend
Binance	-1.227	-1.507	-1.183	-1.457	-1.314(1)	-1.314(1)
Kucoin	-1.836	-1.781	-1.888	1.864	-1.549(1)	-1.549(1)
Latoken	-1.496	-0.769	-1.392	-0.606	-1.260(1)	-1.260(1)
Qash	-2.732	-2.603	-2.786	-2.491	-1.401(7)	-1.401(7)
Note: *,** And * refer to rejection of null hypothesis at 1, 5 and 10 per cent significant levels, respectively. H0: The series have a unit root. Ha: The series are stationary.**						

				First Difference		
Date: 23 March 2018-10 November 2019						
	Augmented Dickey Fuller Test (ADF)		Phillips Perron (PP)		DF-GLS	
Variables	Without Trend	With Trend	Without Trend	With Trend	Without Trend	With Trend
Binance	-26.151***	-26.129***	-26.122***	-26.100***	-2.997**(7)	-2.997**(7)
Kucoin	-25.259***	-25.255***	-25.256***	-25.251***	-16.650***(1)	-16.650***(1)
Latoken	-8.402***	-8.460 ***	-8.491***	-8.487***	-1.332***(3)	-1.332***(3)
Qash	-29.062***	-29.161***	-28.882***	-29.002***	-13.363***(1)	-3.881***(6)

Note: *,** And * refer to rejection of null hypothesis at 1, 5 and 10 per cent significant levels, respectively. H0: The series have a unit root. Ha: The series are stationary.**

As discussed earlier, Johansen assumes five possible specifications of VECM. For the problem at hand three VECMs i.e. VECM2, VECM3 and VECM4 are theoretically supported by crypto currency exchenge market theory, as there is very very rare chances that these four (Binance, Kucoin, Latoken and Qash) would have either no intercept (VECM1) or quadratic determinic trend (VECM5) at all. There are different information criteria avaliable for lag order selection of VAR, i.e. Akaike information criterion (AIC), Schwarz information criterion (SIC), Hannan-Quinn information criterion (HQC) and many more. However, SIC performs better than rest as stated by (Khan and Khan, 2018), (Khan et al., 2019), (Haug, 1996) and many more. Therefore, in this study for palusible lag order selection SIC has been used. Different maximum lags have been tried ranging maximum to 5. However, a maximum of lag 2 is selected by SIC, so in order to save degrees of freedom, maxlags=2 has been set out throughout the cointegation tesing process.

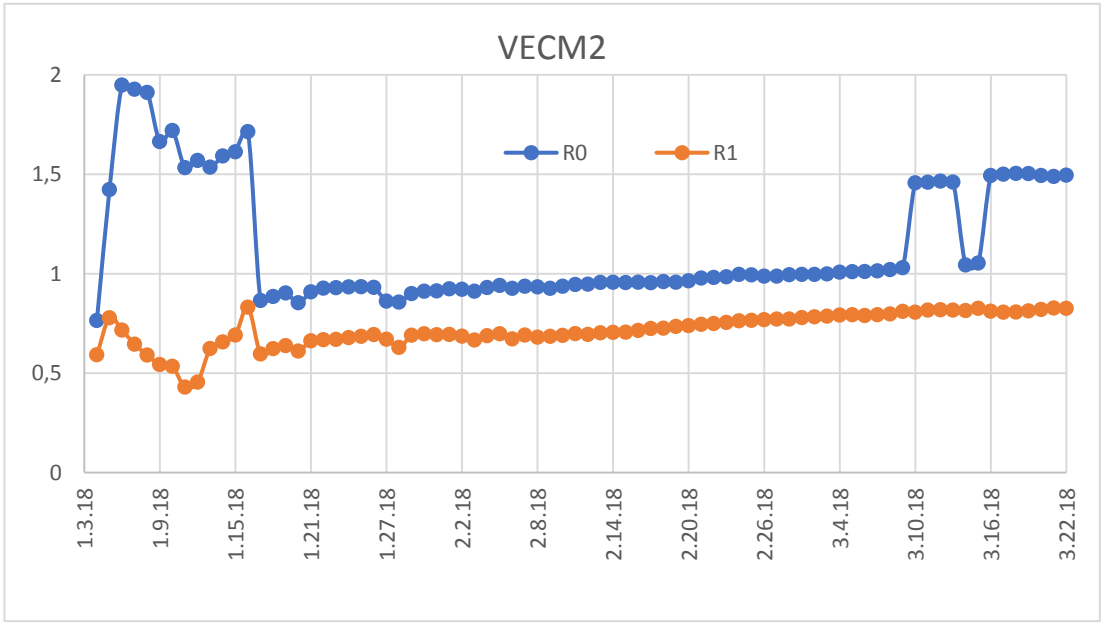
The Johanen Trace statistics have been estimated assuming three VECMs (VECM2, VECM3 and VECM4) for “before the experiment” (sample ranges from 06-11-2017 to 22-03-2018) and results are displayed in our calculations. Similarly, the Johansen test for the same three VECMs have been carried out for “after the experiment”

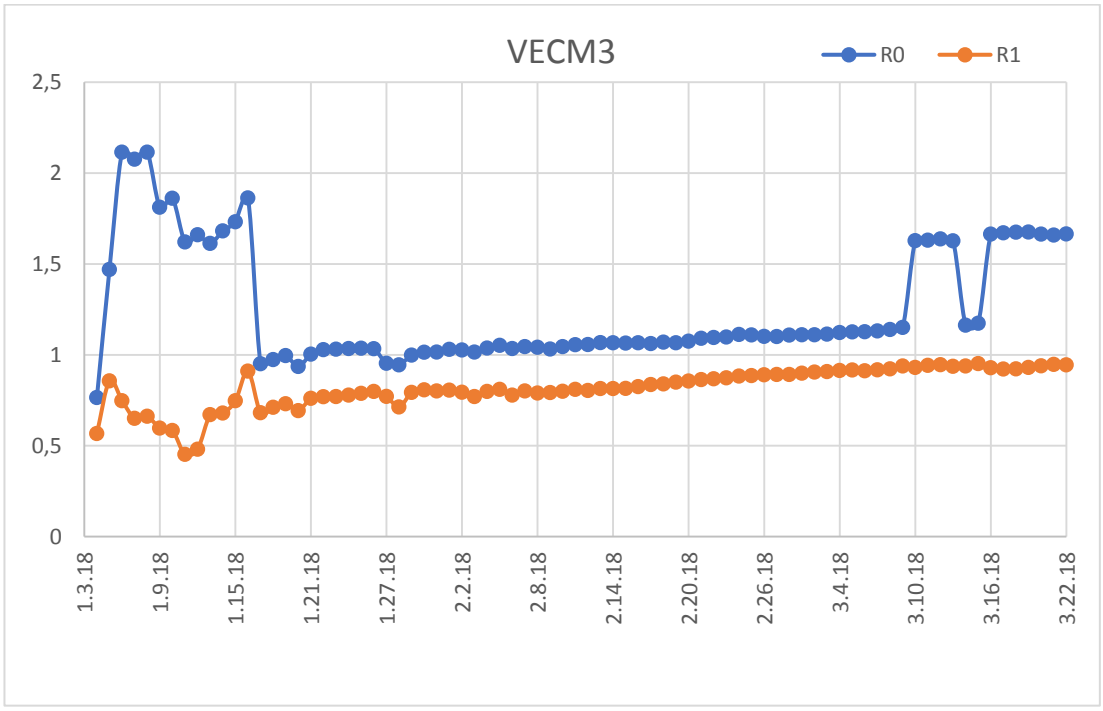
(sample ranges from 23-03-2018 to 10-11-2019) and results are portrayed based on our calculations. According to tests, the results of cointegration test over the period of 06-11-2017 to 22-03-2018 (Before Experiment) shows that there are at most 2 vector of cointegration among Binance and other crypto stock markets, whereas results are showing zero cointegrating vector at %5 level of significance after the experiement sample ranges from 23-03-2018 to 10-11-2019.

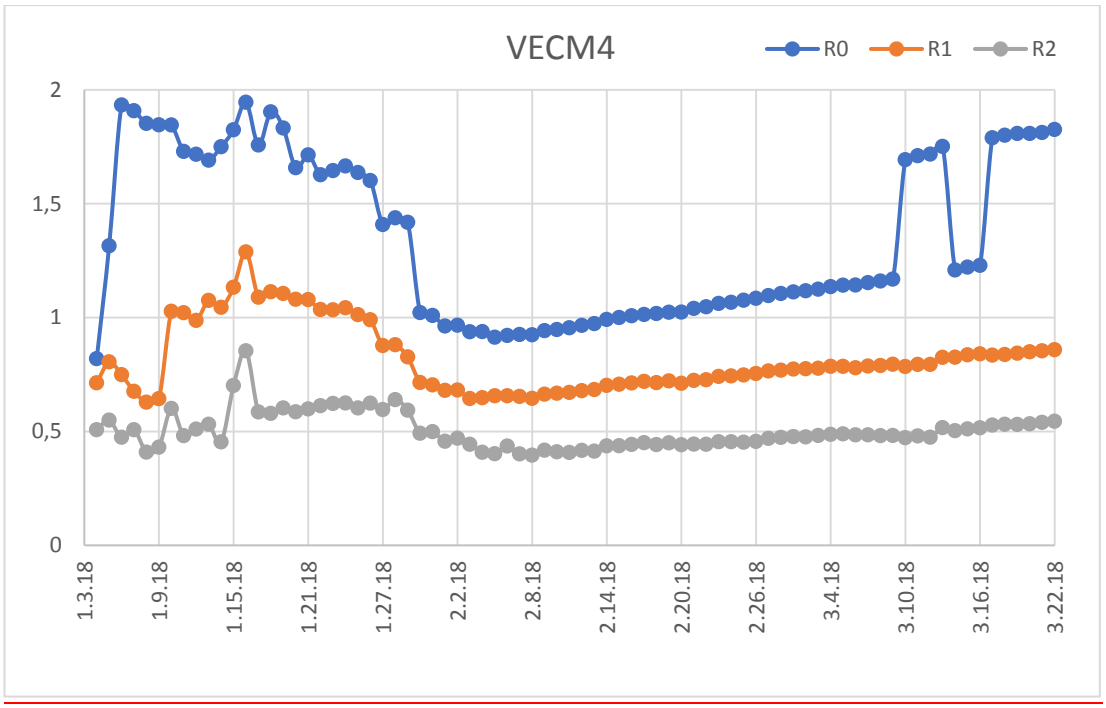
The Recursive Johansen cointegration test has been carried out for "before the experiment" sample and the ratios of trace statistics to their respective critical values are plotted against time in Figure 3, considering 1% and 5% level of significance respectively. The first sub sample is taken as T1=60. Figure 1 clearly portrays that for VECM2, the ratios are gradually increasing w.r.to time. If the ratio is greater than 1, this implies that the null is rejected and if the ratio is lesser than 1, it implies that the null can not be rejected. For all of the three VECMs i.e. VECM2, VECM3 and VECM4, the ratio under null hypothesis depicted as R0, is increasing with time and it gets greater than 1 with time indicating that there is a stronger evidence of long run relationship with increase in time.

FIGURE 3: BEFORE EXPERIMENT ASSUMING 1% LEVEL OF SIGNIFICANCE

FIGURE 73



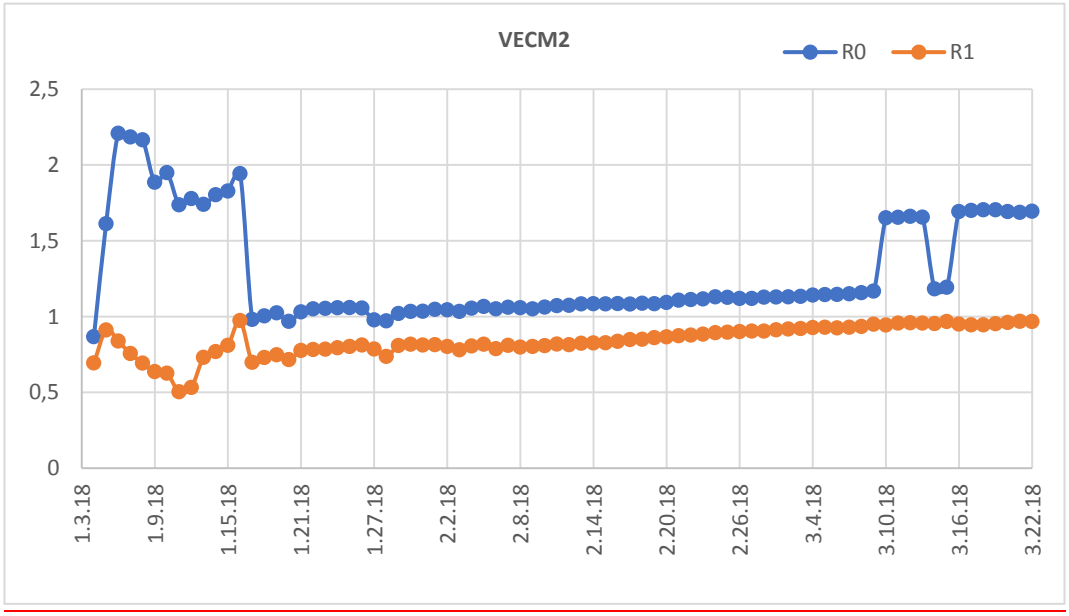

VECM3
R0
R1
2,5
2
1,5
1
0,5
0
1.3.18
1.9.18
1.15.18
1.21.18
1.27.18
2.2.18
2.8.18
2.14.18
2.20.18
2.26.18
3.4.18
3.10.18
3.16.18
3.22.18

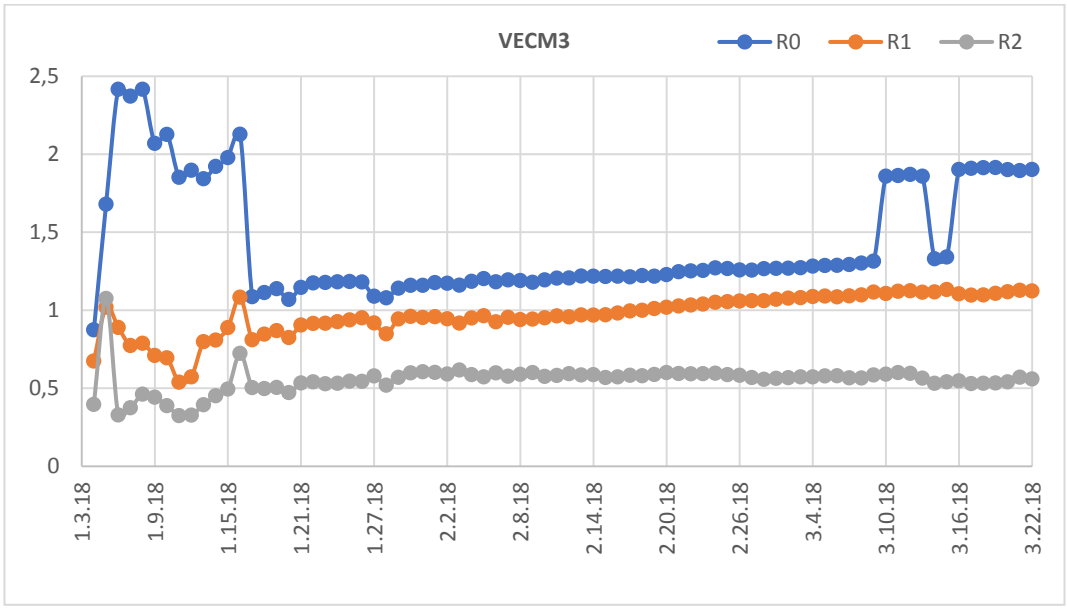


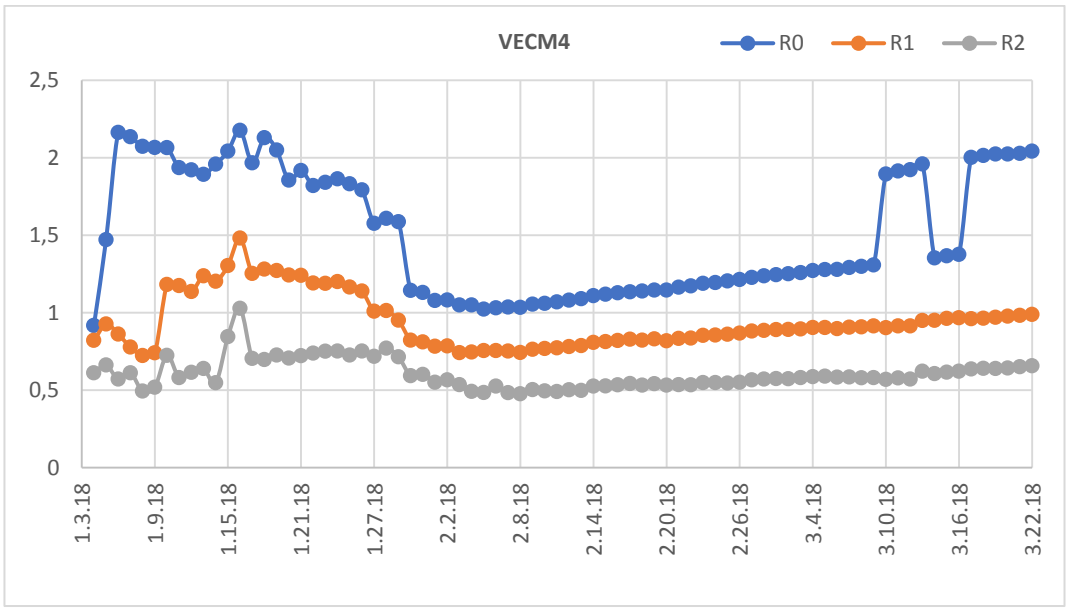
Same is the case for Figure 4, where the ratios are plotted against time assuming 5% level of significance. Now the evidence of stronger cointegration between the fourcrypto exchanges is much more convincing as compared to Figure 3. Again, the evidence of cointegration gets stronger and stronger with time and even for some cases there are two cointegrating vectors.

Figure 4: Before Experiment assuming 5% level of significance

FIGURE 74



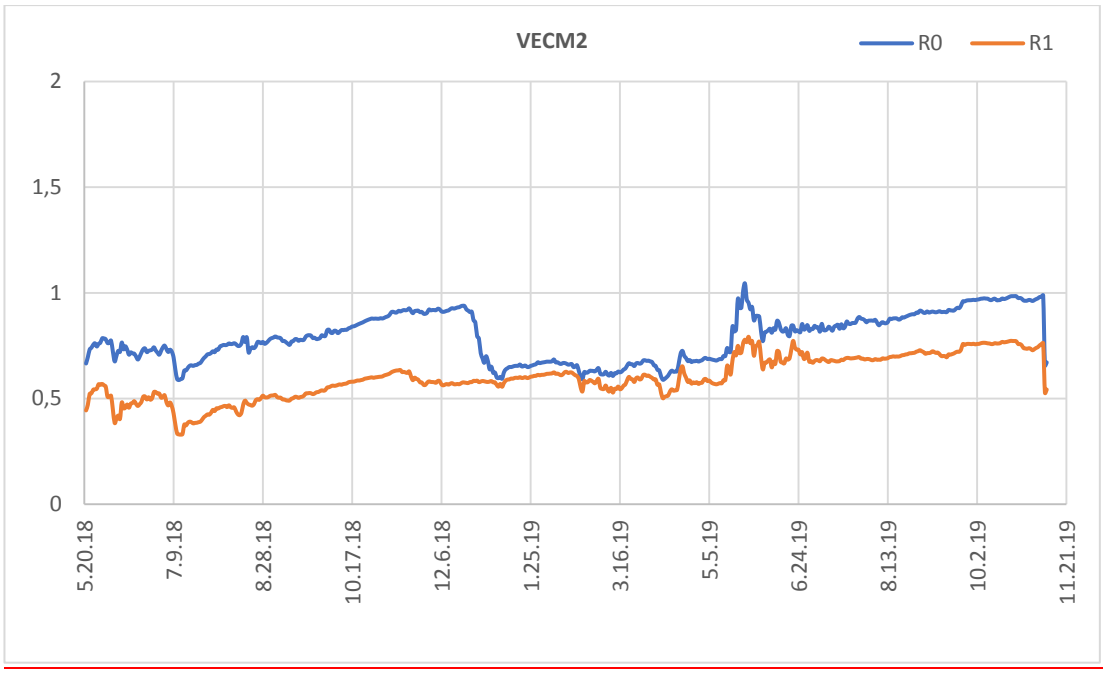


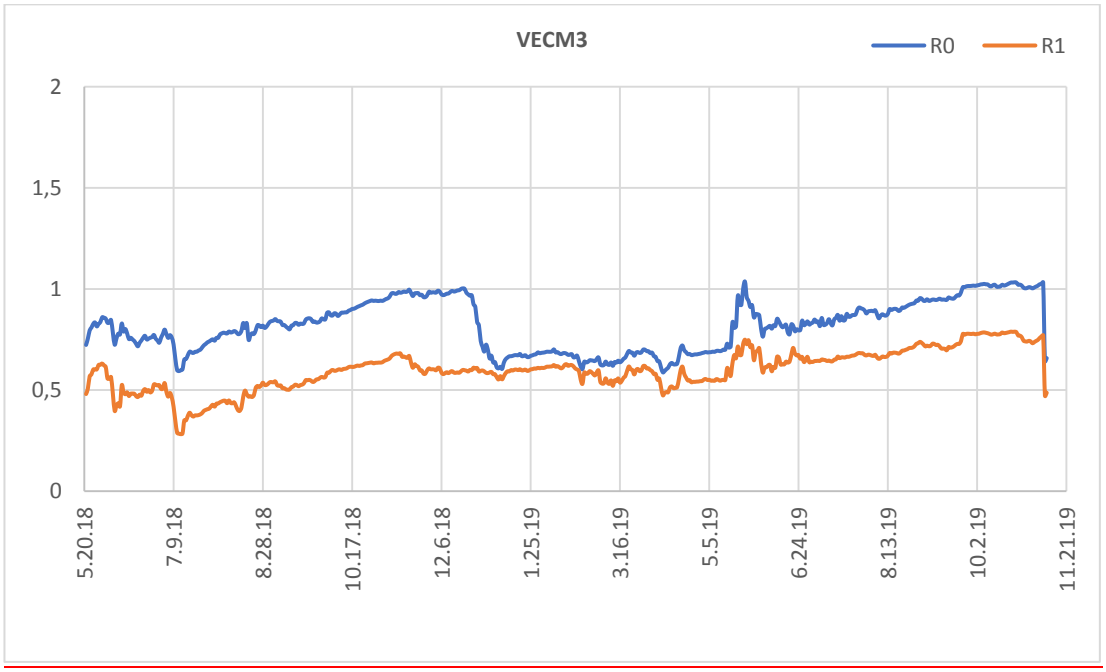


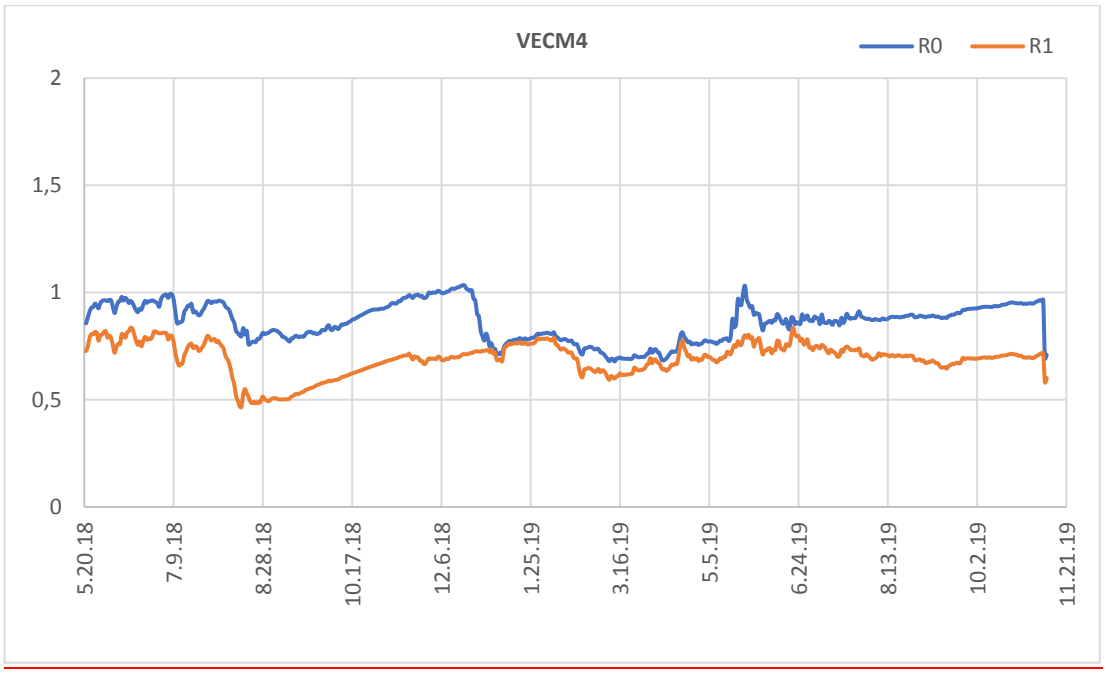
For the sample "after experiment", recursive Johansen test has been carried out considering an initial sample of 60. The ratios of trace statistics to their respective critical values are plotted against time in Figure 5 and Figure 6, assuming 1% and 5% level of significance respectively.

FIGURE 5: AFTER EXPERIMENT ASSUMING 1% LEVEL OF SIGNIFICANCE

FIGURE 75


VECM2
R0
R1
2
1,5
1
0,5
0
5.20.18
7.9.18
8.28.18
10.17.18
12.6.18
1.25.19
3.16.19
5.5.19
6.24.19
8.13.19
10.2.19
11.21.19

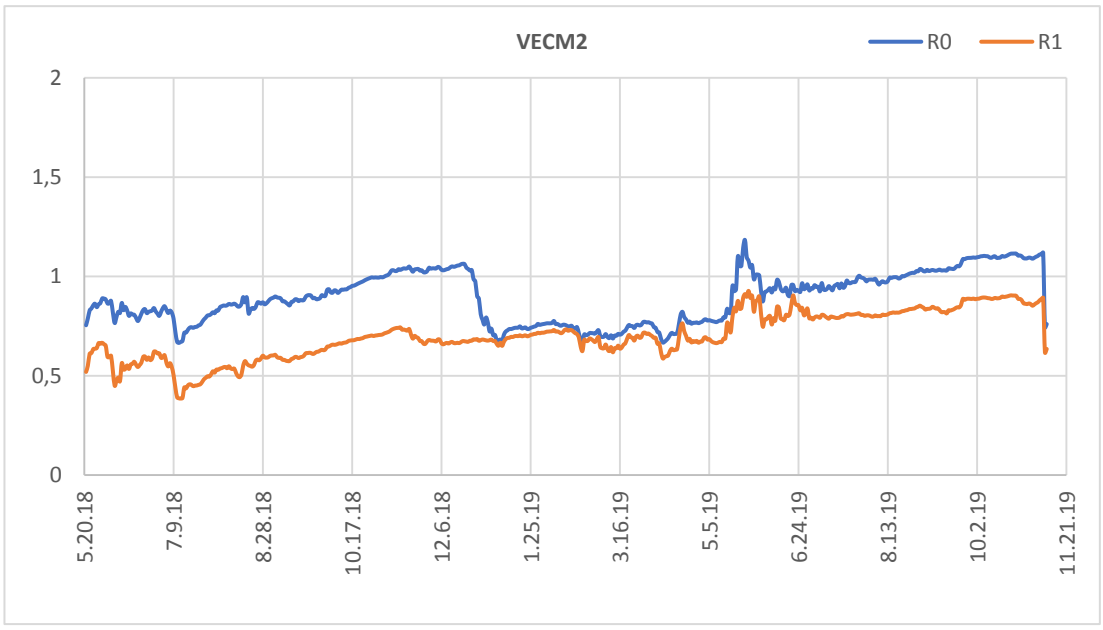

VECM3
R0
R1
2
1,5
1
0,5
0
5.20.18
7.9.18
8.28.18
10.17.18
12.6.18
1.25.19
3.16.19
5.5.19
6.24.19
8.13.19
10.2.19
11.21.19

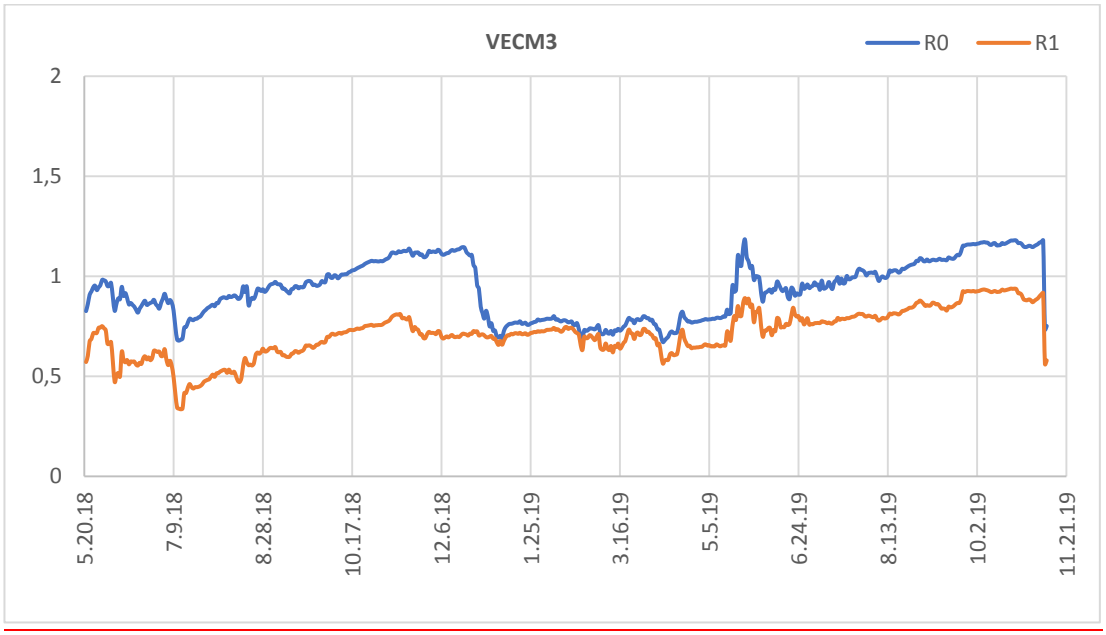


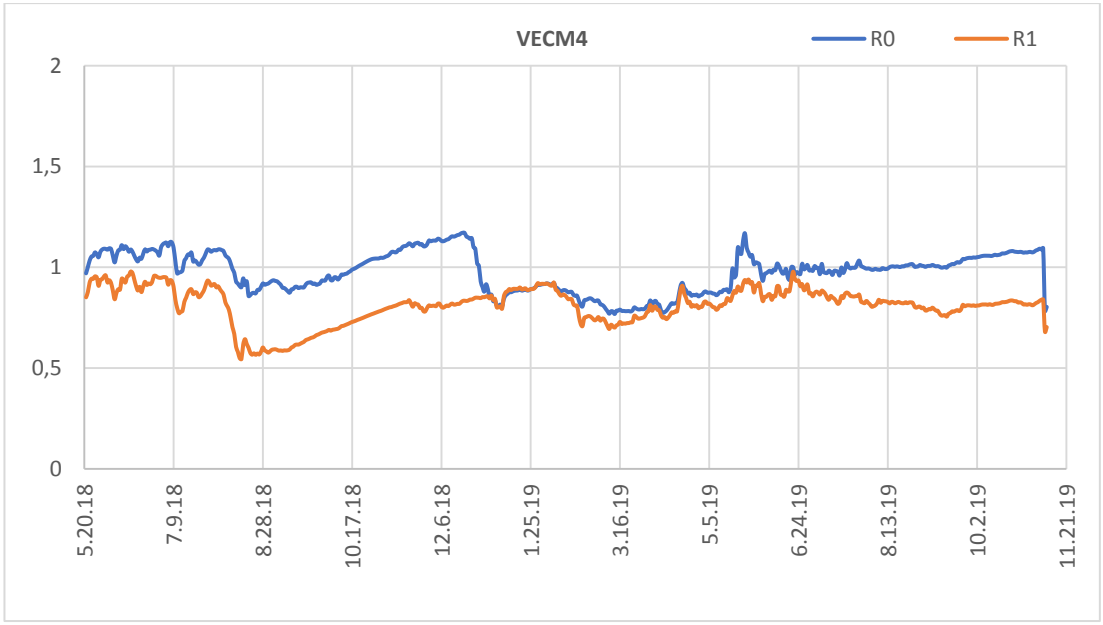
It is clearly portrayed from Figure 5 that for all three VECMs i.e. VECM2, VECM3 and VECM4, there is no evidence of cointegration among our variables.

Figure 6: After Experiment assuming 5% level of significance

FIGURE 76







In Figure 6, we can also indicate that for most of the times, there is no evidence of cointegration assuming 5% level of significance. According to these findings, Binance crypto exchange could be considered as the survival of the fittest with their universalistic approach, inclusive and innovative policies and their well-equipped security capacity

ESSAY III: Bitcoin and Altcoins Price Dependency among the Top Cryptocurrencies: Opportunities for Diversification and Portfolio Allocation

1.Introduction

Bitcoin is known the first distributed crypto currency in the foremost technology of blockchain system, which was initiated by Satoshi Nakamoto in 2008. As a consequence of this invention, more than two thousand crypto currencies follow Bitcoin. These currencies are known as altcoins, which are traded non-stop, 24/7 in the crypto stock markets (Coinmarketcap, 2019). Each of them has its own story which includes their own mission, vision and values. For instance, Ethereum is a global, open-source platform which investors can run their own smart contracts for decentralized applications, (Ethereum White Paper, 2019). As another example, even though Ripple's system based on central structure, Ripple's aim is basically creating a network among the international financial institutions in order to decrease their transaction costs and to facilitate faster global payments. Unlike many other alt currencies, they are working with governments and central financial institutions (Ripple White Paper, 2019). On the contrary, Binance were initiated to be alternative altcoin to create independent ecosystem by freeing users from central organizations and governments regulations. Moreover, on the infrastructure of Tron (TRX)'s system, investors or users can freely create, publish and store their data sets. By using this feature of blockchain infrastructure, Tron strive to create global entertainment platform for content creators and consumers in the blockchain-based decentralized platform, (Tron White Paper, 2019). After Bitcoin, these attempts of altcoins have brought about an abrupt rise in market size of cryptocurrencies. Whilst, many altcoins emerged after Nakamoto's initiative, Bitcoin, Ethereum, Ripple, Litecoin, Eos, BitcoinCash, Binance, Stellar and Tron have been ranked among the top 20 cryptocurrencies by market capitalization and considered as mainstream coins, (Coinmarketcap, 2019).

Especially after a sudden price increase of Bitcoin in 2017, people showed a great interest which has led to the rapid growth of cryptocurrencies. These attempts triggered the scholars, crowd funding managers, investors and crypto

portfolio managers to search for the long and short-term cointegration of cryptocurrencies on the crypto stock market. Beside this, high volatility of cryptocurrencies harness high correlations among the cryptocurrencies. Therefore, the amount of research studies have increased to figure out long-term co-movements of prices of different cryptocurrencies and mean-reverting strategies which analyze whether prices revert back to the average or mean price, (Leung and Nguyen, 2019). Whereupon, in order to construct meaningful and stable models, researchers use various variables and prediction techniques. Chuen et al. (2018) examine possibility of diversification of cryptocurrency portfolio for investors as a new investment opportunity based upon historical price and trading volume of cryptocurrency. Accordingly, they found out that there is a low correlation between cryptocurrencies and traditional investments. Another result that they find out that most of the cryptocurrencies have higher daily returns than traditional assets.

Another strand of literature is about possible opportunities of cointegration among cryptocurrencies, which makes scholars keen to search for cointegration studies. Leung and Nguyen (2018) focus on the process of constructing cointegrated portfolios of cryptocurrencies by employing Johansen and Engle-Granger tests. In addition to that Baçao et. al. (2018) observed a relationship exist between information transmission and Bitcoin, Litecoin, Ripple, Ethereum and Bitcoin Cash by using VAR modeling approach from May 1, 2013 to March 14, 2018. Their results suggest that Bitcoin has the power to dominate others with regard to information transmission thanks to its paramount capacity of trading volume, market capitalization and exchange trading volume. On the other hand, they found some counter arguments against their hypothesis. Some of delayed information takes place, especially from Litecoin to the Bitcoin. Furthermore, the main aim of Ciaian et al. (2018)'s empirical investigations is to assess the virtual relationships between Bitcoin and altcoins in the short and long run. Their empirical results conclude that Bitcoin and altcoin markets are interdependent based on daily data from 2013-2016. Their findings confirm that in the long-run, macroeconomic indicators have impact on price creation to a certain degree. Therefore, exogenous factors might be recognized as determinants to a certain extent for crypto market. Furthermore, ARDL technique was used by Sovbetov (2018), to reveal that the attractiveness of

cryptocurrencies plays an important role in price formation solely in the long run. On the other hand, market beta, trading volume and volatility (cryptomarket-related factors) matter for both long and short term price determination based on evidences from Bitcoin, Ethereum, Dash, Litecoin and Monero over 2010-2018, using weekly data. Anciaux and Nicaise (2019) examine co-movements in market quality of cryptocurrencies by using intraday data of the transactions and order book of the cryptocurrencies which have highest market capitalization from August 2017 to July 2018. Finally, Göttfert (2019) prepared his analysis according to Engle-Granger two step approach, Johansen Cointegration test and Vector Error Correction Model (VECM) in order to demonstrate cointegration between Bitcoin and other alt coins; Ethereum, Ripple, Bitcoin Cash, EOS and Litecoin based upon daily prices in five different periods that due is April 9, 2019. Findings prove that Bitcoin has cointegration with Ripple, Litecoin, Bitcoin Cash and Ethereum, albeit not with EOS. Thus, it can be concluded that, in this analysis, Bitcoin is statistically crucial for the price formation of Ripple, Litecoin, Bitcoin Cash and Ethereum, but not EOS.

Overall, these studied highlight the need for new analysis to examine price dependency and long and short-term cointegration among all cryptocurrencies regarding different time periods, as this crypto market continue to develop with its new coins, along with its new applications, regulations and attractive narratives. This paper is designed as follows. Section 2 explains data and methodology. In section three, empirical findings and results are presented based on the Johansen Cointegration model as well as Vector Error Correction (VECM). The last section concludes.

2. Data Collection and Methodology

We use daily prices of cryptocurrencies and our data sets obtained from coin market cap (2019) over the period of 9/13/2017 to 11/5/2019. Before we employ unit root tests and Johansen cointegration technique, we make general observations of descriptive statistics. Below the graph, there is a summary of descriptive statistics for the chosen variables. The average values of variables

indicate mean, dispersion of values of variables describe standard deviation. The minimum and maximum statistical values express upper and lower bonds of the variables during the selected time interval, similar to Brooks (2014).

Table 4: Descriptive Statistics of the Variables

Variables	Obs	Mean	Std.Dev.	Min.	Max.
Bitcoin	784	7588.959	3011.479	3185.074	19640.51
Ethereum	784	356.265	257.1545	84.31	1396.42
Ripple	784	.4921811	.3916814	.164167	3.38
Litecoin	784	93.33537	58.96458	23.46	358.34
Eos	784	5.734068	3.680318	.493225	21.54
Bitcoin Cash	784	661.297	594.7668	77.37	3923.07
Binance	784	13.73	8.775971	.678784	38.82
Stellar	784	.179533	.1340298	.0106	.896227
Tron	784	.0297917	.0233671	.001427	.220555

The table reports descriptive statistics of the variables
Note: Obs=observation, Std.Dev=Standard Deviation, Min=Mininum value, Max=Maxiumum Value

2.1. Unit Root Tests

We conduct Augmented Dickey Fuller Test, DF-GLS Test and Phillips Perron Unit root tests with trend and without trend in order to decide degree of stationarity of variables. We use three different models to make sure of the validity of our results. Besides, we employ these models given that variables, which are stationary, processed differently than non-stationary variables. If a stochastic variable has constant mean, variance and covariance over time, it is defined as stationary variable. Accordingly, stationarity refers to the values of the series approaching a certain value or fluctuating around the expected value. If a series is not stationary, the behavior of the series will be valid only for the forecast period under the consideration. However, the general interpretation cannot be made about series for other periods. Hence, a shock in the time series will be permanent. In other words, non-stationary or unit roots (a random walk) means that when there is a shock during time in time series, this shock is not going to die away in t+1, t+2, t+3+.....t+k progressively (Brooks, 2014). One of the most critical issue in time series analysis is

spurious regressions. In that situation, results can be seen meaningful, even though the fact that results of f and t statistics do not make any sense related to the model, (Granger and Newbold, 1974). In order to deal with nonsense regressions and to have meaningful results, before starting a time series analysis, it is required to test unit root tests of variables, (Harris and Sollis, 2003). For this reason, we check unit root tests of each variable separately. We employed three different unit root tests; Augmented-Dickey Fuller Unit Root (Elliot, Rothenbeng, and Stock, 1996); Phillips-Perron (1988); DF-GLS unit root tests with and without trend.

After deciding stationarity degree, we choose appropriate lag length based on VAR model. Finally, we can conduct Johansen cointegration model to measure long-term cointegration among the variables. In this paper, we examine Johansen Cointegration test given that Johansen permits us to analyze multivariate time series. In other words, if there are more than two variables, more than one long-term cointegration relationship may occur. Hence, Johansen test indicates various independent cointegration of combinations of the price time series.

2.2. Johansen Cointegration Test

To test cointegration, first of all, Engle and Granger (1987) developed two-step procedure which based on single equation technique. Then Johansen and Juselius (1990) improve Johansen Cointegration model, which is common model for analysis of more than one co-integrating relationship. The test is based on number of independent linear combinations. After t time, variables produce a stationary process, which makes this model useful to test long run relationships in time series analysis (Johansen, 1988). This model is suitable for our analysis because we have more than one variables to test cointegration among each other. In addition, this technique is superior compare to the Engle Granger (1987) technique, which mainly concentrates on two-step procedure when testing cointegration among variables. Johansen model hinges on vector auto-regression (VAR). This model takes its first step in VAR of order k given by;

$$y_t = b_1 y_{t-1} + b_2 y_{t-2} + ... + b_k y_{k-2} + m_t \quad (1)$$

Where η is the white noise disturbance term, b_k denotes the coefficient matrices for each lag. If we use Johansen Cointegration model, above equation must be converted into error correction model (VECM) of the form by adding error correction components;

$$\Delta y_t = \Pi y_{t-k} + \Gamma_1 \Delta_{t-1} + \Gamma_2 \Delta_{t-2} + ... + \Gamma_{k-1} \Delta y_{t-(k-1)} + \eta_t \quad (2)$$

Where, $\Delta y_t = y_t - y_{t-1}$ represents differencing equation and k is the number of lags, $\Pi = (\sum_{i=1}^{k} B_i) - I_g$ and $\Gamma_i = (\sum_{j=1}^{i} B_j) - I_g$ that contains two matrices. Albeit, Π represents long-run coefficient matrix, Γ includes short-run dynamics. There are g number of variables, which can be equal to or more than two. Johansen technique concentrates on the long-run coefficient matrix of the Π. Two different test statistics exist under the Johansen cointegration approach. It can be denoted as:

$$\lambda_{trace}(r) = -T \sum_{i=r+1}^{g} \ln(1 - \hat{\lambda}_i) \quad (3)$$

$$\lambda_{max}(r, r+1) = -T \ln(1 - \hat{\lambda}_{r+1}) \quad (4)$$

Where r represents the number of cointegrating vectors under the null hypothesis. Beside this $\hat{\lambda}_i$ denotes forecasted *i*th ordered eigenvalue from the matrix (Brooks 2014). The matrix can have maximum g-1 ranks. Therefore, if we test 2 variables, there would be maximum one cointegrated relationship among the variables. Rather, if there are four variables in the Johansen test, it can have a maximum three ranks.

H_0: r= 0 versus H_1 :0<$r \leq g$

H_0: r= 1 versus H_1 :1<$r \leq g$

H_0:r =2 versus H_1 :2<$r \leq g$

H_0:*r*= *g*−1 versus H_1:r= g

where *r* is symbolized as number of cointegrating vectors under null hypothesis. Accordingly, if null hypothesis is rejected such as $H_{0:\ r=\ 0}$, we can conclude that there is one cointegrating vector. On the other hand, if it is not rejected, it presents that there are no cointegrating vectors in time series. Hence, the value of r is enhanced till the null hypothesis is no longer rejected. Five alternative specifications of deterministic component have been considered by Johansen and Juselius (1990). These specifications are

Model 1: No Intercept or Trend in Cointegrating Equation(vector) and Test VAR

Model 2: Intercept (No Trend) in Cointegrating equation and No intercept or trend in test VAR

Model 3: Intercept (no Trend) in Cointegrating equation and in test VAR

Model 4: Intercept and trend in Cointegrating quation and intercept or trend in test VAR

Model 5: Intercept and Trend in Cointegrating Equation and only Intercept in test VAR

2.3. Recursive Johansen Cointegration Test

To check the robustness of results of Johansen cointegration, the Johansen cointegration test has been applied recursively, to assess that how the long run relationship evolved over time. The initial sample is 360 days (approximately one year), maximum lag length 4 is taken. The lag selection for each recursive sample is done separately and majority of the time the selected lag length is 2 or 3 based on BIC. The initial sample spans from 13-09-2017 to 07-09-2018 having a size of 360.

2.4. Vector Error Correction Model (VECM)

We can apply vector error correction model, if the underlying variables have a long-run stochastic trend that represents trend of slope is going to change over time, or

long-term cointegration among each other during the determined time period. Formal equation formula of VECM can be found in the part of 2.b Johansen Cointegration test which analyze matrix Π. If 1<rank(Π)<g, it means that there are r cointegrating vector. Π denotes product of two matrices which are α and β' of dimension (g×r) and (r×g), respectively (Brooks, 2014).

$$P = ab'$$

(5)

Where the matrix β denotes the cointegrating vectors, though α represents the amount of each cointegrating vector for each equation of the vector error correction.

As an instance, if we have g=3 variables, Π matrix would be expressed as;

$$P = \begin{pmatrix} p_{11} & p_{12} & p_{13} \\ p_{21} & p_{22} & p_{23} \\ p_{31} & p_{32} & p_{33} \end{pmatrix}$$

(6)

If r= 1, so that there is one cointegrating vector, then α and β will be;

$$\Pi = ab' = \begin{pmatrix} a_{11} \\ a_{12} \\ a_{13} \end{pmatrix} \begin{pmatrix} b_{11} & b_{12} & b_{13} \end{pmatrix}$$

(7)

If r=2, there are two cointegrating vectors, then α and β will be;

$$\Pi = ab' = \begin{pmatrix} a_{11} & a_{21} \\ a_{12} & a_{22} \\ a_{13} & a_{23} \end{pmatrix} \begin{pmatrix} b_{11} & b_{12} & b_{13} \\ b_{21} & b_{22} & b_{23} \end{pmatrix}$$

(8)

3. Empirical Results

Before pursuing the assessment of long run relationship, first all of the series are tested for possible unit root using three tests.

3.1. Unit Root Test Results

Table 5: Dickey Fuller and Phillips Perron Unit Root Test with and Without Trend

	Variables	At Level		First Difference	
		Constant	Trend	Constant	Trend
ADF Test	Bitcoin	2.160	-2.209	-26.811***	-26.797***
	Ethereum	-1.447	-2.295	-26.887***	-26.885***
	Ripple	-2.487	-2.874	-25.926***	-25.917***
	Litecoin	-2.008	-2.387	-26.345***	-26.339***
	Eos	-2.437	-2.711	-29.100***	-29.104***
	BitcoinCash	-2.195	-3.100	-29.258***	-29.246***
	Binance	-1.645	-1.903	-26.819***	-26.809***
	Stellar	-2.395	-2.987	-28.772***	-28.775***
	Tron	-3.591***	-3.751**	-25.903***	-25.892***
Phillips Perron Test	Bitcoin	-2.243	-2.290	-26.809***	-26.795***
	Ethereum	-1.535	-2.387	-26.907***	-26.905***
	Ripple	-2.9	-3.299	-26.161***	-26.151***
	Litecoin	-2.175	-2.554	-26.375***	-26.368***
	Eos	-2.331	-2.609	-29.167***	-29.176***
	BitcoinCash	-1.989	-2.893	-29.466***	-29.456***
	Binance	-1.643	-1.913	-26.796***	-26.785***
	Stellar	-2.488	-3.075	-28.767***	-28.769***
	Tron	-4.003***	-4.163***	-25.946***	-25.934***
Note:	***,** And * refer to rejection of null hypothesis at 1, 5 and 10 per cent significance levels, respectively. H0: The series have a unit root. Ha: The series are stationary.				

According to the Augmented Dickey-Fuller Test (1979) and Phillips Perron Test (1989) and DF-GLS Test, to examine unit root tests, it is described that the null hypothesis has unit root and alternative hypothesis does not have unit roots in series;

$H_0 : y_t \sim I(1)$ vs $H_1 : y_t \sim I(0)$

When we look at the results Table 2 and Table 3, they show that we cannot reject the null hypothesis at level; therefore, we can conclude that selected variables have unit-roots with constant and without trend. Beside this, taking first difference is needed before we select appropriate lag length. We perform DF-GLS, Phillips Perron and Augmented Dickey Fuller unit root tests at first difference. The results indicate that we can reject null hypothesis. In other words, the results of unit roots tests at first difference appears that our variables are stationary. The Tron is stationary at level as depicted in Table 2, however it has unit root at the level according to DF-GLS test as depicted in Table 3. So, Tron is concluded as having a unit root at level as per DF-GLS. Similarly, Ripple is stationary at level according to ADF and Philips-Perron tests , however it has unit root according to DF-GLS test. So, Ripple is concluded as having unit root. Now as all of the series have unit root at levels and are stationary at 1st difference, therefore, Johansen Cointegration Test can be conducted for the next stage.

Table 6: DF-GLS Unit Root Test with and Without Trend

	Variables	**At Level**		**First Difference**	
		Constant	Trend	Constant	Trend
DF-GLS Test	Bitcoin	-1.589(1)	-1.589(1)	-4.238***(9)	-4.238***(19)
	Ethereum	-1.509(1)	-1.509(1)	-1.792(19)	-1.792(9)
	Ripple	-2.633*	-2.787	-4.660***(16)	-4.660***(17)
	Litecoin	-1.997(14)	-1.997(14)	-2.825*(7)	-2.825*(7)
	Eos	-1.614(1)	-1.614(1)	-18.937***(1)	-18.937***(1)
	BitcoinCash	-1.781(4)	-1.781(4)	-3.769***(7)	-3.769***(7)
	Binance	-1.919(1)	-1.919(1)	-18.710***(1)	-18.710***(1)
	Stellar	-1.647(1)	-1.647(1)	-18.729***(1)	-18.729***(1)
	Tron	-1.956(11)	-1.956(11)	-12.166***(2)	-12.166***(2)

Note: : *,** And * refer to rejection of null hypothesis at 1, 5 and 10 per cent significant levels, respectively. H0: The series have a unit root. Ha: The series are stationary.**

3.2. Results of Optimal Lag Order Selection

Table 7: Selection-Order Criteria

Lag	**LR**	**FPE**	**AIC**	**HQIC**	**SBIC**

0			55.7674	55.7881	55.8212
1	20981	34.3198	29.0766	29.2834	29.6142
2	1130.4	9.91653	27.835	28.2279	28.8565
3	734.05	4.76359	27.1016	27.6806	28.6069
4	540.74*	2.93236*	26.6161*	27.3811*	28.6052*

***indicates lag order selected by the criterion** **Sample: 9/13/2017 - 11/5/2019**
LR: Sequential modified LR test statistic **Number of obs: 780**
FPE:Final prediction error **Endogenous: Bitcoin ,Ethereum Ripple Litecoin Eos**
AIC: Akaike information criterion **BitcoinCash Binance Stellar Tron**
SC: Schwarz information criterion
HQ: Hannan-Quinn information criterion

According to LR, FPE, AIC (Akaike), HQIC (Hannan-Quinn), optimal lag order appears as four, as shown above table in this selection-order criteria. Therefore, we can conduct Johansen Cointegration Test by taking account of appropriate lag order in underlying VAR model.

3.3. Johansen Cointegration Test Results

Table 8: Johansen Tests for Cointegration

Null Hypothesis	Alternative Hypothesis	Trace statistics	%5 critical value
r = 0	r>0	681.8192	192.89
r ≤ 1	r>1	388.4517	156.00
r ≤ 2	r>2	210.5588	124.24
r ≤ 3	r>3	124.4520	94.15
r≤4	r>4	63.6174*	68.52

Note: Trace test indicates 4 cointegrating equations at the 0.05 level
***Denotes rejection of the hypothesis at the 0.05 level**

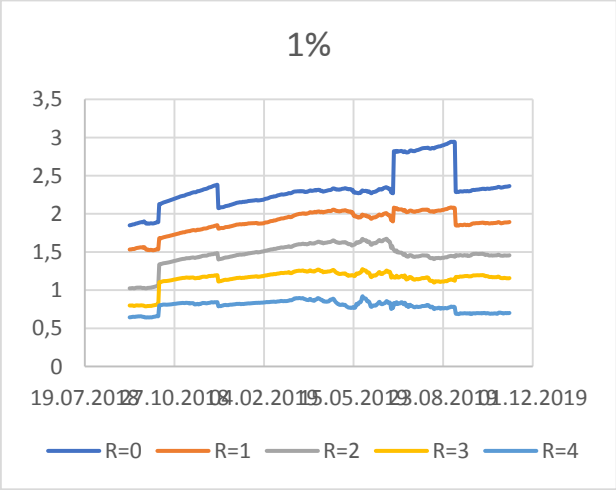
Johansen test estimates the order of integration given the 5 percent critical value from Table 5, where *r* is symbolized as number of cointegrating vectors under null hypothesis. Accordingly, if null hypothesis is not rejected r= 0, then we can conclude that the there are no cointegrating vectors. However, if null hypothesis is rejected, therefore the results indicate that there is one cointegrating vector. Hence, we infer

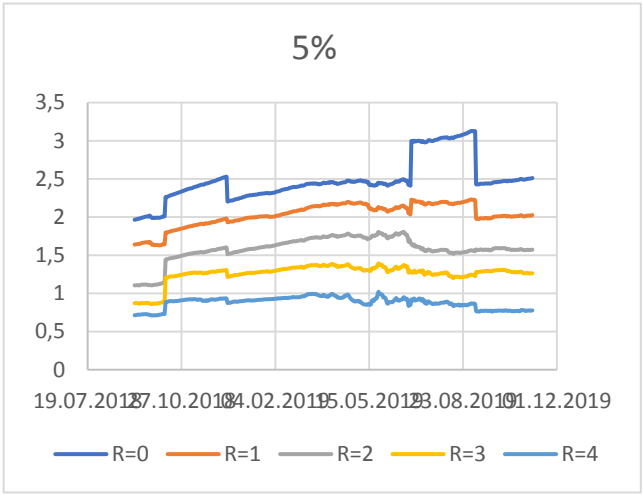
that Bitcoin, Ethereum, Ripple, Litecoin, Eos, BitcoinCash, Binance, Stellar and Tron are 4th order cointegrated, i.e rank(r)= 4.

To check the robustness of our findings, Johansen cointegration test has been applied recursively for Models 2, 3 and 4, as these are the most relevant theoretically supported models for crypto currencies. The ratios of test stats to their respective critical values for recursive Johansen cointegration test are displayed in Figure 7 for Model 2 considering three level of significances i.e. 1%, 5% and 10%. Along x-axis is the time and along y-axis are the ratios of stats to their critical values. There's a possibility of maximum four cointegrating vectors. All of the 9 crypto-currencies have 3 cointegrating vectors in the start of the sample period but later, they had 4. The strength of long run relationship was steady throughout the sample period. Similarly, considering Model 3 of Johansen Cointegration, the results are displayed in Figure 8. The same pattern has been observed here as Figure 7 the long run relationship is steady and strengthens with the passage of time as for the final recursive samples, five cointegrating vectors haven found as compared to three and then four cointegrating vectors. The results and behavior of long run relationship is same when Model 4 for Johansen cointegration has been considered, as depicted in Figure 9.

FIGURE 7: EVOLUTION OF LONG RUN RELATIONSHIP FOR MODEL 2

FIGURE 7 7





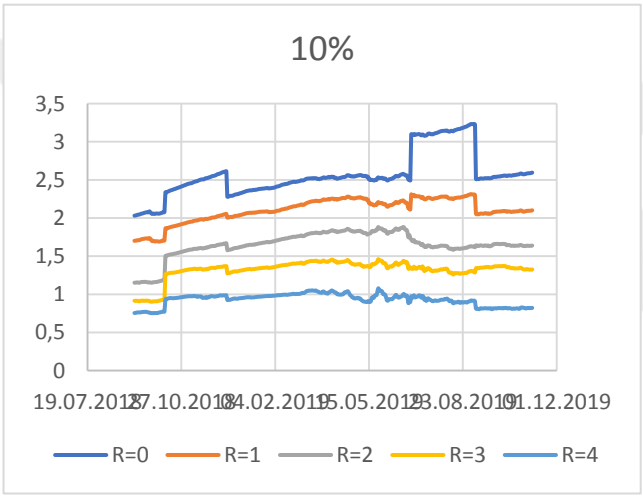
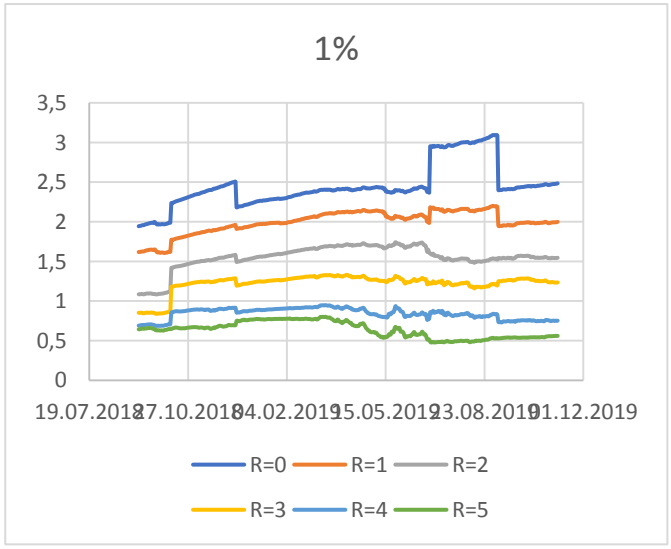
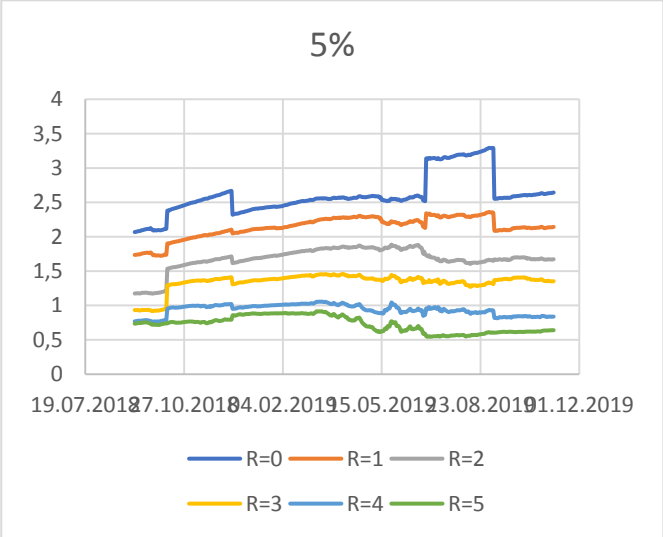


FIGURE 8: EVOLUTION OF LONG RUN RELATIONSHIP FOR MODEL 3





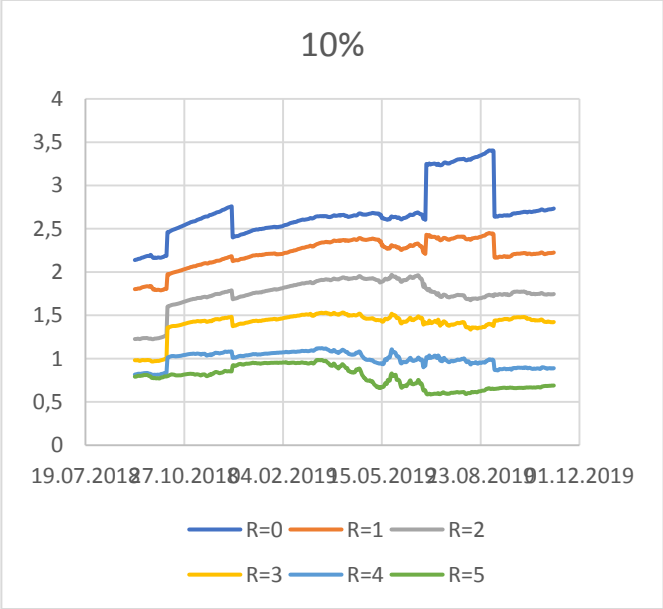
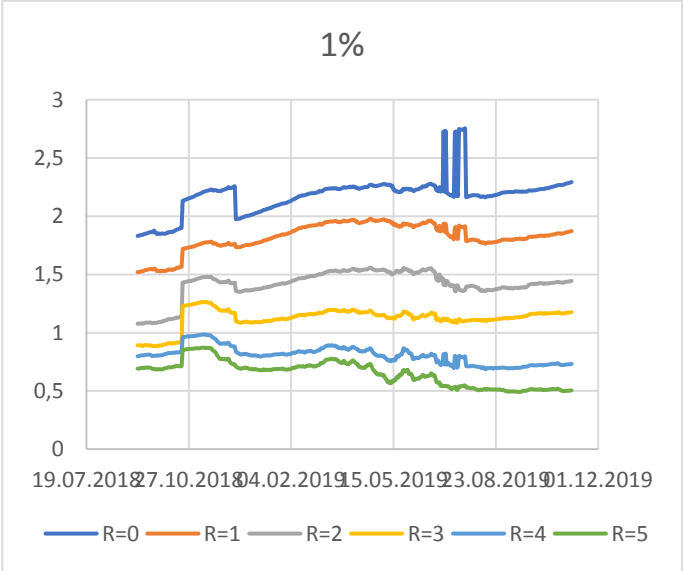
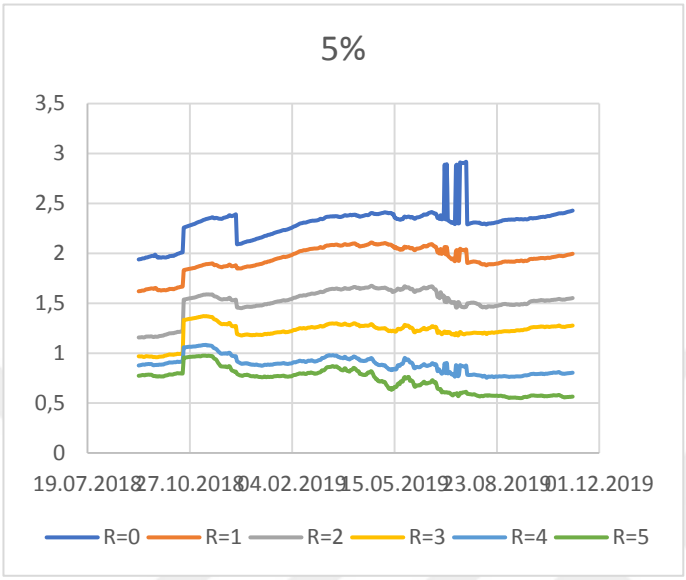
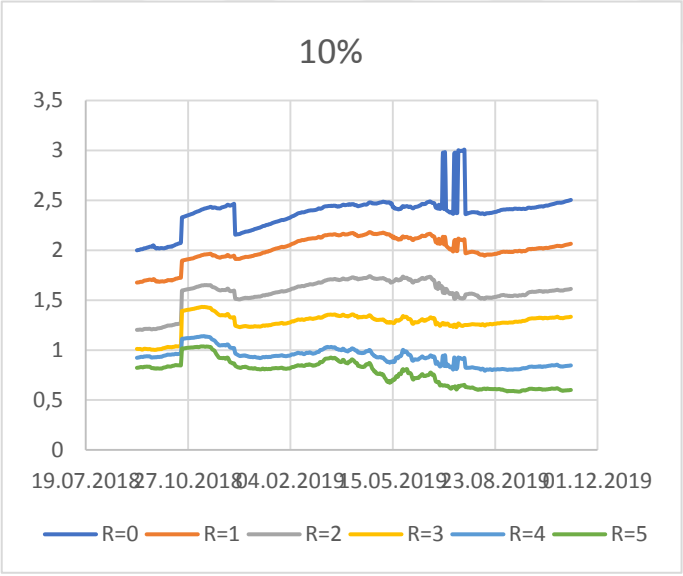


FIGURE 9: EVOLUTION OF LONG RUN RELATIONSHIP FOR MODEL 4







In our analysis, the statistically significant coefficients of long-term relationship among Bitcoin price and other altcoin prices were demonstrated by β. The error correction term _ce1, _ce2, _ce3 and _ce4, which forecasts the long-run parameter β. According to Table 6, the closing price of Binance, Bitcoin Cash and Eos are statistically crucial for the closing price of Bitcoin. The second estimation Bitcoin

Cash, Tron have positive effect on price of Ethereum. Third estimation observed for Litecoin and Ripple in the long term. Their closing prices were positively affected by the Bitcoin Cash, Tron and Binance. Closing price of Stellar is statistically important for Ripple in the cointegrating equation.

Table 9: Johansen Normalization Restriction Imposed

beta |	Coef.	P>|z|
_ce1		
Bitcoin	1	
BitcoinCash	-7.795007***	0.000
Binance	-278.475***	0.000
Eos	-416.7423***	0.001
ce2		
Ethereum	1	
BitcoinCash	-.3451007***	0.000
Tron	-19229.37***	0.000
_ce3		
Ripple	1	
BitcoinCash	-.000249***	0.000
Binance	-.0041753***	0.002
Stellar	-1.476194***	0.000
Tron	-20.2498***	0.000
_ce4		
Litecoin	1	
BitcoinCash	-.0826378***	0.000
Binance	-2.342433***	0.000
Tron	-4541.931***	0.000

*** represents the significance of coefficient at 1% level of significance.

4. Conclusion

In this thesis, we have found out there different results that represent the importance of blockchain technology for the world's financial system and crypto stock market. First of all, in this paper we have sought to offer an introductory note on what blockchain technology is and what some of its applications may be and the implications for international financial system, specifically the quest for power. We argued that the technology, due to its emphasis on secure peer-to-peer (decentralized) systems could radically alter key industries in finance as well as

broader implications for the how states manage the internet. If Heidegger, quoted at the beginning, argued that “everywhere we remain unfree and chained to technology” then blockchain is either a nightmare scenario – the ability of a massive, public listing of all our transactions – or a liberating tool that can free people from the rigid governing structures currently structuring our increasingly digital lives. From finance to artificial intelligence and global financial systems global conglomerates and states will continue experimenting with this technology in the coming years. As we saw, China has already invested significantly in this in spite of its massive economic and technological base while states like Venezuela – beset by economic crises and a powerful foe in the form of the US – is also seeking ways to bypass the dollar-based financial order by way of a national cryptocurrency of its own. In both cases this exciting new technology has the potential to revolutionize the way global financial transactions are processed. Secondly, this paper aims to provide new empirical evidences on the possibility of universal stock market in the crypto world. There has been already discussion about possibility of stock market universality in the traditional financial world because of its regulative, parochial and central structure. Accordingly, in this paper we broaden this discussion while assessing the applicability of universal crypto stock market by anaylzing the Binance, Kucoin, Latoken and Qash. The Johansen cointegration technique has been used to evaluate the possibility of a universal crypto stock market. As the Johansen uses a Vector Auto Regressive approach in which there is no classification of dependent and independent variable and also it assesses the long run relationship between the time series, therefore it is more suitable here. The aim of this paper is not only to assess the long run relationship among the four crypto markets but also how this long run relationship evolves with respect to time especially when the Binance was moved to Malta. The Recursive Johansen Cointegration tries to answer that whether moving to Malta is a significant event in the history of Binance market or not. If it is a significant event, then the behavior of long run relationship before and after moving to Malta may be different. Furthermore, if there is an evidence of strong long run relationship between the four before the event of moving to Malta, but after it, if that strong long run relationship is weekened, then it is a sufficient evidence that Binnace is the sole survivor. The empirical results from the daily

prices of Binance, Kucoin, Qash and Latoken show that Binance prominently disassociates itself from others after it moved to Malta on 23 March 2018. According to these findings, Binance crypto exchange could be considered as the survival of the fittest with their universalistic approach, inclusive and innovative policies and their well-equipped security capacity against the hackers and state regulations. Finally, Due to the volatile structure of crypto currencies in the crypto stock-market, investors and portfolio managers periodically demand shocks that can alter in degree across the cryptocurrencies hinge on the co-movement of their price returns. Discoveries about what causes volatility and directions of co-movements on the market by explicit factors can be difficult to measure from time to time owing to the precarious cyclic circumstances in the entire system.

In that point, our article analyzes cointegration of top cryptocurrencies based on daily prices on the crypto stock market by using the recursive Johansen Cointegration technique. The chosen cryptocurrencies are Bitcoin, Ethereum, Ripple, Litecoin, Eos, BitcoinCash, Binance, Stellar and Tron. Data sets are taken from coinmarketcap (2019) over a period from 9/13/2017 to 11/5/2019. The result of this test demonstrates that there is cointegration among the Bitcoin and other chosen altcoins in the market. Before conducting the Johansen test, we apply three different unit root tests to determine the stationarity of our variables. Then, we looked at appropriate length lag order. After choosing optimal lag order, finally we perform Johansen cointegration test. In addition to that, a vector error correction model was conducted to investigate the long run cointegrating relationship among the variables. The results show that the price of Bitcoin Cash has a positive impact on the price of Ethereum, Bitcoin, Ripple and Litecoin. The closing price of Binance is statistically significant for the price of Ripple, Litecoin and Bitcoin. Lastly, the closing price of Ethereum, Ripple ,and Litecoin are affected by the closing price of Tron. According to those findings, we have identified long-term cointegration among the top cryptocurrencies in the crypto market. Specifically, the magnitude of results shows that some cryptocurrencies have a closer relationship concerning their price dependency as time goes by as we show in table 6. It offers investors to allocate their portfolios to balance your risks. Furthermore, even though each of cryptocurrency has different narratives, aims, and functions, there is no one winner

on the stock market or our result does not demonstrate the zero-sum game. There is a win-win situation among the cryptocurrencies which are not driven by national interests, but also universal approaches across the borders. Hence, policymakers and regulators can take into account cryptocurrencies as potential alternative digital assets to reduce the risks of their national assets for the crisis term. Our research provides objective and reasonably adaptable analysis, especially for beginner crypto enthusiasts and investors, who might take many needless risks or abide by an over-cautious approach when they discover the crypto world from the scratch to minimize their risk and maximize their returns for the long-term. Since these top cryptocurrencies in the stock market that we chose are safer and more stable due to their long established timeline. Hence, these top cryptocurrencies can be accepted as the new asset opportunities because they have already proved their maturity as compared to other crypto assets.

Our reports also touch upon that these top cryptocurrencies can be divided into subcategories. Accordingly, when investors design their portfolio, they can make diversification among these top cryptocurrencies to raise their money for the long-term. For instance, Bitcoin, Ethereum, Ripple, and Litecoin are the cryptocurrencies that have the longest history as compared to their counterparts. As we report in table 6, if we divide these four cryptocurrencies, making an investment of those cryptocurrencies by matching with other altcoins among the top list that we chose, it will offer investors more diversified and balance portfolio for the long term. To test our analysis, we re-analyze our variables with the error correction model. As a result of this analysis, we found out that one-way of causality exists among the top cryptocurrencies distinctively. As follows the closing price of Bitcoin Cash, Binance and Eos are statistically important for the price of Bitcoin. Secondly, the closing price of Bitcoin Cash and Tron positively impacts on the Ethereum. Then, Ripple's value is affected by Bitcoin Cash, Binance, Stellar and Tron. Finally, price formation of Litecoin has been shaped by Bitcoin Cash, Binance and Tron. Hence, our analysis would be fairly adaptable and informative for risk-averse investors who do not have deeper knowledge among the crypto world without the need for taking unnecessary risks for their long-term investments. Furthermore, our analysis gives universal formula with more global approach for each investor from all the over the

world without regarding on their nationality which means that everyone holds the same risking portfolio. Cryptocurrencies, which are not controlled by governments and national authorities, are not affected by state regulations, rather they are affected by cyclical risks and volatility in global financial system. In order to avoid these risks, our report provides narrowing analysis for the top crypto currencies from the unlimited set of choices in crypto asset allocation. Overall, this article would be beneficial for the investors who would like to diversify their portfolios for the long term. Preparing long term portfolio would be more strategic because of ‘‘novel features of the market’’ as Shams (2019) defined in his paper. More broadly, far from being static, and narrow-minded, market is ever-changing dynamically; it permits investors, portfolio managers and policy-makers to design or manage their portfolios by looking at from different angles. The more they discover the operation of business, politics, finance, and society as a whole, the more they have a capacity of the art of knowing what factors should they ignore to manage their wealth wisely. Finally, when investors create investment strategies, focusing on altcoins together with Bitcoin can provide sustainability for the long term against the geopolitical risks due to the tendency of long-term cointegration between Bitcoin and other altcoins as we proved in table 5. Future studies can focus on other hourly, daily and monthly prices of altcoins to investigate the long and short-term relationships among each other. For instance, researchers can choose two different types of cryptocurrencies which each group have their own strategy. Then, they categorize them according to their purposes, values, and narratives given their white papers. First, the cointegration relationship between each sub-group can be evaluated within their group, and then researches can compare the relationship of these two different groups. Furthermore, the causality relationship of each cryptocurrency can be investigated regardless of their group. Overall, results on the cointegration and causality relationship of these different cryptocurrencies will shed light on the process of the cointegrated portfolio for the investors in the financial market.

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Appendices

Before Malta

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test															
Maximum Eigen Value Test Stat															
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
4.01.2018	20,0401	29,0632	0,16449	14,6491	22,251	0,14042	6,05447	15,0899	0,40017	1,66911	6,9399	0,27201	0	0	1
5.01.2018	52,4311	29,0632	0,001	15,2428	22,251	0,11688	10,6386	15,0899	0,06334	0,47932	6,9399	0,67109	1	1	1
6.01.2018	80,9667	29,0632	0,001	20,6692	22,251	0,01814	3,19317	15,0899	0,76513	0,95438	6,9399	0,51175	2	1	2
7.01.2018	82,3535	29,0632	0,001	16,5434	22,251	0,0764	4,1361	15,0899	0,64486	0,37136	6,9399	0,7073	1	1	2
8.01.2018	83,732	29,0632	0,001	15,1985	22,251	0,11846	3,30887	15,0899	0,75037	0,08287	6,9399	0,81354	1	1	2
9.01.2018	69,8052	29,0632	0,001	14,1113	22,251	0,16516	3,40867	15,0899	0,73764	0,00874	6,9399	0,93921	1	1	2
10.01.2018	79,0717	29,0632	0,001	14,5201	22,251	0,14586	2,25232	15,0899	0,89328	1,35976	6,9399	0,37577	1	1	2
11.01.2018	69,1382	29,0632	0,001	10,6294	22,251	0,46714	4,04785	15,0899	0,65612	0,70983	6,9399	0,59377	1	1	2
12.01.2018	70,5286	29,0632	0,001	11,6039	22,251	0,37501	4,26117	15,0899	0,62891	0,64776	6,9399	0,61459	1	1	2
13.01.2018	62,5338	29,0632	0,001	13,6399	22,251	0,18983	2,11989	15,0899	0,90944	0,62542	6,9399	0,62209	1	1	2
14.01.2018	63,067	29,0632	0,001	13,6957	22,251	0,18676	2,11989	15,0899	0,77459	2,01922	6,9399	0,18343	1	1	2
15.01.2018	62,7331	29,0632	0,001	17,701	22,251	0,05172	2,16433	,0899	0,90421	0,01521	6,9399	0,91971	1	1	2
16.01.2018	63,3284	29,0632	0,001	22,1344	22,251	0,01054	2,39104	15,0899	0,87569	0,45567	6,9399	0,67902	2	1	2
17.01.2018	28,2472	29,0632	0,01343	12,2	22,251	0,31865	2,92153	15,0899	0,79978	0,21345	6,9399	0,76027	1	0	1
18.01.2018	28,3127	29,0632	0,01316	13,1199	22,251	0,23168	2,93069	15,0899	0,79861	0,12013	6,9399	0,79157	1	0	1
19.01.2018	28,7543	29,0632	0,0113	13,9247	22,251	0,17426	2,66601	15,0899	0,83751	0,14021	6,9399	0,78483	1	0	1
20.01.2018	27,0969	29,0632	0,01952	12,55	22,251	0,28555	2,72762	15,0899	0,82863	0,07319	6,9399	0,82434	1	0	1
21.01.2018	28,1252	29,0632	0,01395	14,3828	22,251	0,15192	2,87981	15,0899	0,80599	0,19278	6,9399	0,7672	1	0	1
22.01.2018	29,078	29,0632	0,00996	14,5008	22,251	0,14668	2,71626	15,0899	0,83026	0,29156	6,9399	0,73407	1	1	1
23.01.2018	29,2014	29,0632	0,00965	14,6454	22,251	0,14057	2,55847	15,0899	0,85285	0,24635	6,9399	0,74923	1	1	1
24.01.2018	29,0195	29,0632	0,01018	14,8467	22,251	0,13208	2,60422	15,0899	0,84641	0,1722	6,9399	0,77411	1	0	1
25.01.2018	28,7691	29,0632	0,01124	14,9049	22,251	0,12962	2,64905	15,0899	0,83995	0,25345	6,9399	0,74685	1	0	1
26.01.2018	28,3814	29,0632	0,01287	15,1817	22,251	0,11905	2,57613	15,0899	0,85043	0,28363	6,9399	0,73673	1	0	1
27.01.2018	24,9815	29,0632	0,03871	14,5171	22,251	0,14599	2,89895	15,0899	0,80312	0,41942	6,9399	0,69118	1	0	1
28.01.2018	26,4853	29,0632	0,0239	12,5675	22,251	0,2839	2,83187	15,0899	0,81316	0,1003	6,9399	0,79822	1	0	1
29.01.2018	26,6079	29,0632	0,023	14,9362	22,251	0,1283	2,8435	15,0899	0,81142	0,20378	6,9399	0,76351	1	0	1
30.01.2018	27,0821	29,0632	0,01961	14,669	22,251	0,13958	2,9213	15,0899	0,79981	0,50129	6,9399	0,66372	1	0	1
31.01.2018	27,2896	29,0632	0,0184	14,6893	22,251	0,13872	2,93446	15,0899	0,79813	0,50784	6,9399	0,66152	1	0	1
1.02.2018	27,9301	29,0632	0,01477	15,1889	22,251	0,11879	2,98563	15,0899	0,7916	0,67248	6,9399	0,6063	1	0	1
2.02.2018	28,0841	29,0632	0,01412	15,2796	22,251	0,11557	2,83977	15,0899	0,81198	0,67225	6,9399	0,60638	1	0	1
3.02.2018	28,1975	29,0632	0,01364	14,8694	22,251	0,13112	3,00284	15,0899	0,78941	0,65997	6,9399	0,6105	1	0	1
4.02.2018	28,379	29,0632	0,01288	15,8389	22,251	0,09619	3,02215	15,0899	0,78694	0,74699	6,9399	0,58131	1	0	1
5.02.2018	28,8693	29,0632	0,01082	16,1969	22,251	0,08561	3,0325	15,0899	0,78563	0,80997	6,9399	0,56018	1	0	1
6.02.2018	28,9331	29,0632	0,01055	15,9019	22,251	0,09425	2,89027	15,0899	0,80442	0,70897	6,9399	0,59406	1	0	1
7.02.2018	28,578	29,0632	0,01204	16,5339	22,251	0,07664	2,95556	15,0899	0,79544	0,74612	6,9399	0,5816	1	0	1
8.02.2018	28,6464	29,0632	0,01175	16,521	22,251	0,07697	3,02828	15,0899	0,78616	0,74408	6,9399	0,58229	1	0	1

9.02.2018	27,6307	29,0632	0,01642	16,6223	22,251	0,07441	2,92762	15,0899	0,799	0,63886	6,9399	0,61758	1	0	1
10.02.2018	28,113	29,0632	0,014	17,0809	22,251	0,06383	2,89669	15,0899	0,80346	0,72531	6,9399	0,58858	1	0	1
11.02.2018	28,1874	29,0632	0,01369	17,2822	22,251	0,05962	2,97283	15,0899	0,79324	0,72735	6,9399	0,5879	1	0	1
12.02.2018	28,2132	29,0632	0,01358	17,3806	22,251	0,05769	2,93526	15,0899	0,79803	0,67375	6,9399	0,60588	1	0	1
13.02.2018	28,3137	29,0632	0,01315	17,6894	22,251	0,05193	2,95074	15,0899	0,79605	0,70786	6,9399	0,59444	1	0	1
14.02.2018	28,0848	29,0632	0,01412	17,8427	22,251	0,04924	2,74759	15,0899	0,82575	0,57326	6,9399	0,63958	2	0	1
15.02.2018	27,7268	29,0632	0,01586	18,0416	22,251	0,04597	2,65749	15,0899	0,83873	0,61737	6,9399	0,62479	2	0	1
16.02.2018	27,4462	29,0632	0,01749	18,1301	22,251	0,04457	2,6488	15,0899	0,83999	0,56121	6,9399	0,64362	2	0	1
17.02.2018	26,8861	29,0632	0,02095	18,2225	22,251	0,0432	2,66401	15,0899	0,83779	0,46361	6,9399	0,67636	2	0	1
18.02.2018	27,0914	29,0632	0,01955	18,0544	22,251	0,04576	2,75402	15,0899	0,82482	0,60141	6,9399	0,63014	2	0	1
19.02.2018	26,6399	29,0632	0,02276	18,2306	22,251	0,04308	2,74871	15,0899	0,82559	0,48986	6,9399	0,66756	2	0	1
20.02.2018	27,0638	29,0632	0,01971	17,794	22,251	0,05005	2,95013	15,0899	0,79613	0,55328	6,9399	0,64628	1	0	1
21.02.2018	27,3564	29,0632	0,01801	18,2891	22,251	0,04222	2,89396	15,0899	0,80387	0,63829	6,9399	0,61777	2	0	1
22.02.2018	27,3601	29,0632	0,01799	18,2982	22,251	0,04209	2,9149	15,0899	0,80073	0,68056	6,9399	0,60359	2	0	1
23.02.2018	27,0996	29,0632	0,01951	18,7383	22,251	0,03606	2,80174	15,0899	0,81767	0,62476	6,9399	0,62231	2	0	1
24.02.2018	27,6383	29,0632	0,01638	18,651	22,251	0,03721	2,85315	15,0899	0,80998	0,62828	6,9399	0,62113	2	0	1
25.02.2018	27,162	29,0632	0,01914	18,8206	22,251	0,03497	2,83664	15,0899	0,81245	0,68551	6,9399	0,60193	2	0	1
26.02.2018	26,5648	29,0632	0,02332	18,791	22,251	0,03536	2,77598	15,0899	0,82153	0,66475	6,9399	0,6089	2	0	1
27.02.2018	26,5933	29,0632	0,02311	18,6763	22,251	0,03687	2,5584	15,0899	0,85286	0,60092	6,9399	0,6303	2	0	1
28.02.2018	27,175	29,0632	0,01907	18,4056	22,251	0,0405	2,47424	15,0899	0,86437	0,62126	6,9399	0,62348	2	0	1
1.03.2018	27,0792	29,0632	0,01963	18,3768	22,251	0,04093	2,50205	15,0899	0,86056	0,60223	6,9399	0,62987	2	0	1
2.03.2018	27,0279	29,0632	0,01992	18,1569	22,251	0,04417	2,57633	15,0899	0,85041	0,62849	6,9399	0,62106	2	0	1
3.03.2018	27,3187	29,0632	0,01823	17,8911	22,251	0,04845	2,57283	15,0899	0,85088	0,56153	6,9399	0,64352	2	0	1
4.03.2018	27,5371	29,0632	0,01696	18,0975	22,251	0,04505	2,52762	15,0899	0,85707	0,56034	6,9399	0,64392	2	0	1
5.03.2018	27,7787	29,0632	0,01556	17,8446	22,251	0,04921	2,5713	15,0899	0,85109	0,53813	6,9399	0,65137	2	0	1
6.03.2018	28,0649	29,0632	0,0142	17,2822	22,251	0,05962	2,66922	15,0899	0,83704	0,61423	6,9399	0,62584	1	0	1
7.03.2018	28,1134	29,0632	0,014	17,3181	22,251	0,05892	2,60952	15,0899	0,84565	0,71709	6,9399	0,59134	1	0	1
8.03.2018	28,3135	29,0632	0,01315	17,258	22,251	0,0601	2,68743	15,0899	0,83442	0,78774	6,9399	0,56764	1	0	1
9.03.2018	28,3079	29,0632	0,01318	17,5387	22,251	0,05463	2,7997	15,0899	0,81798	0,74452	6,9399	0,58214	1	0	1
10.03.2018	55,8654	29,0632	0,001	17,9705	22,251	0,04714	2,54416	15,0899	0,85481	0,61358	6,9399	0,62606	2	1	2
11.03.2018	55,5907	29,0632	0,001	18,3015	22,251	0,04204	2,52376	15,0899	0,8576	0,53685	6,9399	0,65179	2	1	2
12.03.2018	55,8208	29,0632	0,001	18,2485	22,251	0,04282	2,55989	15,0899	0,85265	0,61911	6,9399	0,6242	2	1	2
13.03.2018	55,5335	29,0632	0,001	18,3961	22,251	0,04064	2,14338	15,0899	0,90669	0,43458	6,9399	0,6861	2	1	2
14.03.2018	29,0724	29,0632	0,00998	16,8894	22,251	0,06809	2,38805	15,0899	0,87607	0,79192	6,9399	0,56624	1	1	1
15.03.2018	29,181	29,0632	0,0097	17,2541	22,251	0,06018	2,36758	15,0899	0,87867	0,72025	6,9399	0,59028	1	1	1
16.03.2018	57,8204	29,0632	0,001	17,7073	22,251	0,0516	2,04418	15,0899	0,91805	0,43346	6,9399	0,68647	1	1	2
17.03.2018	58,3898	29,0632	0,001	17,4748	22,251	0,05585	1,93506	15,0899	0,92981	0,46542	6,9399	0,67575	1	1	2
18.03.2018	58,5971	29,0632	0,001	17,3284	22,251	0,05872	1,94611	15,0899	0,92865	0,44488	6,9399	0,68264	1	1	2
19.03.2018	58,334	29,0632	0,001	17,3388	22,251	0,05851	1,98136	15,0899	0,92493	0,54169	6,9399	0,65017	1	1	2
20.03.2018	57,3936	29,0632	0,001	17,405	22,251	0,05722	2,02813	15,0899	0,91984	0,53956	6,9399	0,65088	1	1	2
21.03.2018	56,9057	29,0632	0,001	17,3421	22,251	0,05845	2,18915	15,0899	0,90122	0,33025	6,9399	0,72109	1	1	2
22.03.2018	57,3331	29,0632	0,001	17,2393	22,251	0,06049	2,09958	15,0899	0,91178	0,33843	6,9399	0,71835	1	1	2

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
4.01.2018	42,4129	46,5743	0,0293	22,3727	29,5103	0,08526	7,72357	16,3589	0,29143	1,66911	6,9399	0,27201	1	0
5.01.2018	78,7918	46,5743	0,001	26,3607	29,5103	0,02702	11,1179	16,3589	0,07888	0,47932	6,9399	0,67109	2	1
6.01.2018	105,783	46,5743	0,001	24,8168	29,5103	0,04279	4,14755	16,3589	0,70874	0,95438	6,9399	0,51175	2	1
7.01.2018	103,404	46,5743	0,001	21,0508	29,5103	0,12124	4,50746	16,3589	0,66674	0,37136	6,9399	0,7073	1	1
8.01.2018	102,322	46,5743	0,001	18,5902	29,5103	0,23051	3,39174	16,3589	0,79694	0,08287	6,9399	0,81354	1	1
9.01.2018	87,3339	46,5743	0,001	17,5287	29,5103	0,30796	3,4174	16,3589	0,79394	0,00874	6,9399	0,93921	1	1
10.01.2018	97,2039	46,5743	0,001	18,1322	29,5103	0,26393	3,61208	16,3589	0,77122	1,35976	6,9399	0,37577	1	1
11.01.2018	84,5253	46,5743	0,001	15,3871	29,5103	0,46422	4,75768	16,3589	0,63754	0,70983	6,9399	0,59377	1	1
12.01.2018	87,0414	46,5743	0,001	16,5128	29,5103	0,38209	4,90893	16,3589	0,61989	0,64776	6,9399	0,61459	1	1
13.01.2018	78,919	46,5743	0,001	16,3852	29,5103	0,3914	2,74531	16,3589	0,87818	0,62542	6,9399	0,62209	1	1
14.01.2018	81,9009	46,5743	0,001	18,8339	29,5103	0,21273	5,1382	16,3589	0,59313	2,01922	6,9399	0,18343	1	1
15.01.2018	82,6136	46,5743	0,001	19,8805	29,5103	0,16273	2,17954	16,3589	0,93584	0,01521	6,9399	0,91971	1	1
16.01.2018	88,3095	46,5743	0,001	24,9811	29,5103	0,04075	2,84671	16,3589	0,86622	0,45567	6,9399	0,67902	2	1
17.01.2018	43,5822	46,5743	0,02197	15,335	29,5103	0,46802	3,13499	16,3589	0,83044	0,21345	6,9399	0,76027	1	0
18.01.2018	44,4834	46,5743	0,01751	16,1707	29,5103	0,40705	3,05082	16,3589	0,84115	0,12013	6,9399	0,79157	1	0
19.01.2018	45,4852	46,5743	0,01355	16,731	29,5103	0,36617	2,80622	16,3589	0,87109	0,14021	6,9399	0,78483	1	0
20.01.2018	42,4478	46,5743	0,02906	15,3508	29,5103	0,46687	2,8008	16,3589	0,87175	0,07319	6,9399	0,82434	1	0
21.01.2018	45,5806	46,5743	0,01324	17,4554	29,5103	0,31331	3,07259	16,3589	0,83838	0,19278	6,9399	0,7672	1	0
22.01.2018	46,5866	46,5743	0,00998	17,5086	29,5103	0,30943	3,00783	16,3589	0,84662	0,29156	6,9399	0,73407	1	1
23.01.2018	46,6517	46,5743	0,00985	17,4502	29,5103	0,31369	2,80482	16,3589	0,87126	0,24635	6,9399	0,74923	1	1
24.01.2018	46,6426	46,5743	0,00986	17,6231	29,5103	0,30108	2,77641	16,3589	0,87469	0,1722	6,9399	0,77411	1	1
25.01.2018	46,5765	46,5743	0,01	17,8074	29,5103	0,28763	2,90249	16,3589	0,85949	0,25345	6,9399	0,74685	1	1
26.01.2018	46,4229	46,5743	0,01049	18,0415	29,5103	0,27055	2,85976	16,3589	0,86464	0,28363	6,9399	0,73673	1	0
27.01.2018	42,817	46,5743	0,02655	17,8355	29,5103	0,28558	3,31837	16,3589	0,80627	0,41942	6,9399	0,69118	1	0
28.01.2018	41,985	46,5743	0,03257	15,4997	29,5103	0,45601	2,93218	16,3589	0,85592	0,1003	6,9399	0,79822	1	0
29.01.2018	44,5914	46,5743	0,01702	17,9834	29,5103	0,27478	3,04728	16,3589	0,8416	0,20378	6,9399	0,76351	1	0
30.01.2018	45,1736	46,5743	0,01456	18,0916	29,5103	0,2669	3,42259	16,3589	0,79334	0,50129	6,9399	0,66372	1	0
31.01.2018	45,4212	46,5743	0,01376	18,1316	29,5103	0,26397	3,4423	16,3589	0,79104	0,50784	6,9399	0,66152	1	0
1.02.2018	46,7771	46,5743	0,0096	18,847	29,5103	0,21177	3,65811	16,3589	0,76585	0,67248	6,9399	0,6063	1	1
2.02.2018	46,8757	46,5743	0,0094	18,7916	29,5103	0,21582	3,51202	16,3589	0,7829	0,67225	6,9399	0,60638	1	1
3.02.2018	46,7297	46,5743	0,00969	18,5322	29,5103	0,23474	3,66281	16,3589	0,7653	0,65997	6,9399	0,6105	1	1
4.02.2018	47,987	46,5743	0,0072	19,608	29,5103	0,17354	3,76914	16,3589	0,7529	0,74699	6,9399	0,58131	1	1
5.02.2018	48,9087	46,5743	0,00538	20,0394	29,5103	0,15643	3,84247	16,3589	0,74434	0,80997	6,9399	0,56018	1	1
6.02.2018	48,4342	46,5743	0,00632	19,5011	29,5103	0,17812	3,59924	16,3589	0,77272	0,70897	6,9399	0,59406	1	1
7.02.2018	48,8136	46,5743	0,00556	20,2356	29,5103	0,14881	3,70168	16,3589	0,76077	0,74612	6,9399	0,5816	1	1
8.02.2018	48,9397	46,5743	0,00531	20,2933	29,5103	0,14681	3,77236	16,3589	0,75252	0,74408	6,9399	0,58229	1	1
9.02.2018	47,8195	46,5743	0,00753	20,1888	29,5103	0,1505	3,56647	16,3589	0,77655	0,63886	6,9399	0,61758	1	1
10.02.2018	48,816	46,5743	0,00556	20,7029	29,5103	0,13261	3,62199	16,3589	0,77007	0,72531	6,9399	0,58858	1	1

11.02.2018	49,1698	46,5743	0,00495	20,9824	29,5103	0,12325	3,70017	16,3589	0,76095	0,72735	6,9399	0,5879	1	1
12.02.2018	49,2028	46,5743	0,00492	20,9896	29,5103	0,12304	3,60901	16,3589	0,77158	0,67375	6,9399	0,60588	1	1
13.02.2018	49,6617	46,5743	0,00459	21,348	29,5103	0,11255	3,65859	16,3589	0,7658	0,70786	6,9399	0,59444	1	1
14.02.2018	49,2484	46,5743	0,00489	21,1635	29,5103	0,11795	3,32085	16,3589	0,80594	0,57326	6,9399	0,63958	1	1
15.02.2018	49,0432	46,5743	0,00511	21,3164	29,5103	0,11348	3,27486	16,3589	0,81207	0,61737	6,9399	0,62479	1	1
16.02.2018	48,7862	46,5743	0,00562	21,3401	29,5103	0,11279	3,21001	16,3589	0,8207	0,56121	6,9399	0,64362	1	1
17.02.2018	48,2362	46,5743	0,00671	21,3501	29,5103	0,11249	3,12762	16,3589	0,83137	0,46361	6,9399	0,67636	1	1
18.02.2018	48,5013	46,5743	0,00618	21,4099	29,5103	0,11075	3,35543	16,3589	0,80134	0,60141	6,9399	0,63014	1	1
19.02.2018	48,1091	46,5743	0,00696	21,4692	29,5103	0,10901	3,23857	16,3589	0,8169	0,48986	6,9399	0,66756	1	1
20.02.2018	48,3613	46,5743	0,00646	21,2975	29,5103	0,11403	3,50341	16,3589	0,78391	0,55328	6,9399	0,64628	1	1
21.02.2018	49,1777	46,5743	0,00494	21,8213	29,5103	0,09887	3,53225	16,3589	0,78054	0,63829	6,9399	0,61777	1	1
22.02.2018	49,2537	46,5743	0,00489	21,8936	29,5103	0,097	3,59546	16,3589	0,77316	0,68056	6,9399	0,60359	1	1
23.02.2018	49,2644	46,5743	0,00488	22,1648	29,5103	0,09019	3,42651	16,3589	0,79288	0,62476	6,9399	0,62231	1	1
24.02.2018	49,7707	46,5743	0,00451	22,1324	29,5103	0,09099	3,48143	16,3589	0,78647	0,62828	6,9399	0,62113	1	1
25.02.2018	49,5047	46,5743	0,0047	22,3428	29,5103	0,08596	3,52216	16,3589	0,78172	0,68551	6,9399	0,60193	1	1
26.02.2018	48,7966	46,5743	0,0056	22,2318	29,5103	0,08859	3,44072	16,3589	0,79122	0,66475	6,9399	0,6089	1	1
27.02.2018	48,429	46,5743	0,00633	21,8357	29,5103	0,0985	3,15932	16,3589	0,82734	0,60092	6,9399	0,6303	1	1
28.02.2018	48,6761	46,5743	0,00584	21,5011	29,5103	0,10808	3,0955	16,3589	0,83546	0,62126	6,9399	0,62348	1	1
1.03.2018	48,5603	46,5743	0,00607	21,4811	29,5103	0,10867	3,10428	16,3589	0,83435	0,60223	6,9399	0,62987	1	1
2.03.2018	48,3896	46,5743	0,0064	21,3618	29,5103	0,11215	3,20482	16,3589	0,82139	0,62849	6,9399	0,62106	1	1
3.03.2018	48,3442	46,5743	0,00649	21,0255	29,5103	0,12199	3,13436	16,3589	0,83052	0,56153	6,9399	0,64352	1	1
4.03.2018	48,7226	46,5743	0,00574	21,1855	29,5103	0,11731	3,08795	16,3589	0,83642	0,56034	6,9399	0,64392	1	1
5.03.2018	48,7327	46,5743	0,00572	20,954	29,5103	0,12408	3,10943	16,3589	0,83369	0,53813	6,9399	0,65137	1	1
6.03.2018	48,6305	46,5743	0,00593	20,5656	29,5103	0,13737	3,28344	16,3589	0,81092	0,61423	6,9399	0,62584	1	1
7.03.2018	48,7582	46,5743	0,00567	20,6447	29,5103	0,13463	3,3266	16,3589	0,80518	0,71709	6,9399	0,59134	1	1
8.03.2018	49,0466	46,5743	0,0051	20,7331	29,5103	0,13156	3,47517	16,3589	0,7872	0,78774	6,9399	0,56764	1	1
9.03.2018	49,3907	46,5743	0,00479	21,0829	29,5103	0,12031	3,54422	16,3589	0,77914	0,74452	6,9399	0,58214	1	1
10.03.2018	76,9937	46,5743	0,001	21,1283	29,5103	0,11898	3,15774	16,3589	0,82754	0,61358	6,9399	0,62606	1	1
11.03.2018	76,9528	46,5743	0,001	21,3621	29,5103	0,11214	3,06061	16,3589	0,8399	0,53685	6,9399	0,65179	1	1
12.03.2018	77,2483	46,5743	0,001	21,4275	29,5103	0,11023	3,179	16,3589	0,82483	0,61911	6,9399	0,6242	1	1
13.03.2018	76,5076	46,5743	0,001	20,9741	29,5103	0,12349	2,57796	16,3589	0,89688	0,43458	6,9399	0,6861	1	1
14.03.2018	49,1418	46,5743	0,00497	20,0694	29,5103	0,15524	3,17998	16,3589	0,8247	0,79192	6,9399	0,56624	1	1
15.03.2018	49,5229	46,5743	0,00469	20,3419	29,5103	0,14512	3,08783	16,3589	0,83644	0,72025	6,9399	0,59028	1	1
16.03.2018	78,0054	46,5743	0,001	20,185	29,5103	0,15065	2,47764	16,3589	0,90756	0,43346	6,9399	0,68647	1	1
17.03.2018	78,2651	46,5743	0,001	19,8753	29,5103	0,16294	2,40048	16,3589	0,91534	0,46542	6,9399	0,67575	1	1
18.03.2018	78,3165	46,5743	0,001	19,7194	29,5103	0,16912	2,39099	16,3589	0,91627	0,44488	6,9399	0,68264	1	1
19.03.2018	78,1959	46,5743	0,001	19,8619	29,5103	0,16347	2,52305	16,3589	0,90284	0,54169	6,9399	0,65017	1	1
20.03.2018	77,3662	46,5743	0,001	19,9727	29,5103	0,15907	2,56769	16,3589	0,89802	0,53956	6,9399	0,65088	1	1
21.03.2018	76,7672	46,5743	0,001	19,8615	29,5103	0,16348	2,51941	16,3589	0,90322	0,33025	6,9399	0,72109	1	1
22.03.2018	77,0104	46,5743	0,001	19,6773	29,5103	0,17079	2,43801	16,3589	0,91159	0,33843	6,9399	0,71835	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test

Maximum Eigen Value Test Stat

date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
4.01.2018	22,4516	33,7324	0,2696	14,8704	27,0636	0,42788	7,63262	20,163	0,62214	1,88537	12,7608	0,8004	0	0	1
5.01.2018	55,0923	33,7324	0,001	15,2563	27,0636	0,39553	13,4191	20,163	0,11821	3,3813	12,7608	0,57562	1	1	1
6.01.2018	89,8941	33,7324	0,001	22,0423	27,0636	0,0543	4,82776	20,163	0,90272	2,61312	12,7608	0,691	1	1	2
7.01.2018	91,4963	33,7324	0,001	17,9922	27,0636	0,17974	5,72524	20,163	0,81781	2,86777	12,7608	0,65275	1	1	2
8.01.2018	92,7444	33,7324	0,001	16,328	27,0636	0,30568	4,97625	20,163	0,89006	3,02986	12,7608	0,62841	1	1	2
9.01.2018	79,5574	33,7324	0,001	14,3127	27,0636	0,47464	5,37262	20,163	0,85384	2,68568	12,7608	0,6801	1	1	2
10.01.2018	83,3418	33,7324	0,001	14,745	27,0636	0,43839	5,78549	20,163	0,81135	1,46463	12,7608	0,87954	1	1	2
11.01.2018	76,2179	33,7324	0,001	11,0167	27,0636	0,75096	4,88309	20,163	0,89813	1,78094	12,7608	0,82074	1	1	2
12.01.2018	77,426	33,7324	0,001	11,9876	27,0636	0,66956	4,78414	20,163	0,9062	1,93712	12,7608	0,79253	1	1	2
13.01.2018	68,3775	33,7324	0,001	17,9237	27,0636	0,18318	6,1837	20,163	0,77013	1,56695	12,7608	0,86109	1	1	2
14.01.2018	70,4628	33,7324	0,001	18,2327	27,0636	0,16847	5,95499	20,163	0,79349	2,85184	12,7608	0,65515	1	1	2
15.01.2018	70,3451	33,7324	0,001	19,6182	27,0636	0,11416	7,46148	20,163	0,63962	1,38437	12,7608	0,89342	1	1	2
16.01.2018	70,7639	33,7324	0,001	22,3177	27,0636	0,04973	10,4552	20,163	0,33383	1,4603	12,7608	0,88029	2	1	2
17.01.2018	28,4336	33,7324	0,05235	16,3621	27,0636	0,30282	5,48313	20,163	0,84285	2,70532	12,7608	0,67715	0	0	1
18.01.2018	28,5741	33,7324	0,05021	17,515	27,0636	0,20617	5,50311	20,163	0,84081	2,64134	12,7608	0,68676	0	0	1
19.01.2018	29,0328	33,7324	0,04391	18,1236	27,0636	0,17335	5,80038	20,163	0,80975	2,37088	12,7608	0,72738	1	0	1
20.01.2018	27,1469	33,7324	0,07548	17,2714	27,0636	0,22659	5,57655	20,163	0,83332	2,30392	12,7608	0,73744	0	0	1
21.01.2018	28,3807	33,7324	0,05315	18,7586	27,0636	0,14559	5,90453	20,163	0,79865	2,62153	12,7608	0,68974	0	0	1
22.01.2018	29,2754	33,7324	0,04085	18,9324	27,0636	0,13883	6,05621	20,163	0,78316	2,51018	12,7608	0,70646	1	0	1
23.01.2018	29,3663	33,7324	0,03974	19,1379	27,0636	0,13083	6,13547	20,163	0,77506	2,30044	12,7608	0,73796	1	0	1
24.01.2018	29,2514	33,7324	0,04116	19,4094	27,0636	0,12101	6,22971	20,163	0,76543	2,29085	12,7608	0,7394	1	0	1
25.01.2018	29,0115	33,7324	0,04418	19,5658	27,0636	0,11588	6,23547	20,163	0,76485	2,40043	12,7608	0,72294	1	0	1
26.01.2018	28,4763	33,7324	0,0517	19,9174	27,0636	0,10435	6,31059	20,163	0,75717	2,33195	12,7608	0,73323	0	0	1
27.01.2018	25,2128	33,7324	0,12735	18,475	27,0636	0,15762	6,42162	20,163	0,74583	2,70481	12,7608	0,67723	0	0	1
28.01.2018	26,5861	33,7324	0,08816	17,2818	27,0636	0,22572	6,21394	20,163	0,76704	2,4072	12,7608	0,72193	0	0	1
29.01.2018	26,6734	33,7324	0,08606	19,3119	27,0636	0,1242	6,62911	20,163	0,72464	2,50723	12,7608	0,7069	0	0	1
30.01.2018	27,1328	33,7324	0,07579	19,3569	27,0636	0,12273	6,62155	20,163	0,72541	2,73855	12,7608	0,67216	0	0	1
31.01.2018	27,3849	33,7324	0,07061	19,0555	27,0636	0,13403	6,74279	20,163	0,71303	2,74319	12,7608	0,67146	0	0	1
1.02.2018	27,9833	33,7324	0,05959	19,2631	27,0636	0,12595	6,49398	20,163	0,73844	2,85419	12,7608	0,65479	0	0	1
2.02.2018	28,1948	33,7324	0,05608	19,0191	27,0636	0,13545	6,47532	20,163	0,74035	2,72831	12,7608	0,6737	0	0	1
3.02.2018	28,4154	33,7324	0,05263	17,8423	27,0636	0,18727	6,74402	20,163	0,7129	2,85589	12,7608	0,65454	0	0	1
4.02.2018	28,6439	33,7324	0,04921	19,2323	27,0636	0,12715	6,19012	20,163	0,76948	2,91685	12,7608	0,64538	1	0	1
5.02.2018	28,914	33,7324	0,04545	19,8543	27,0636	0,10642	5,91887	20,163	0,79718	2,95639	12,7608	0,63944	1	0	1
6.02.2018	29,0768	33,7324	0,04336	18,3638	27,0636	0,1626	6,51872	20,163	0,73591	2,79997	12,7608	0,66294	1	0	1
7.02.2018	28,9012	33,7324	0,04563	19,5028	27,0636	0,11794	6,08505	20,163	0,78021	2,86739	12,7608	0,65281	1	0	1
8.02.2018	29,1255	33,7324	0,04274	18,8958	27,0636	0,14025	6,22737	20,163	0,76567	2,92645	12,7608	0,64394	1	0	1
9.02.2018	28,5424	33,7324	0,05069	18,8381	27,0636	0,1425	6,5526	20,163	0,73245	2,81592	12,7608	0,66054	0	0	1
10.02.2018	28,993	33,7324	0,04441	19,4223	27,0636	0,12058	6,14228	20,163	0,77436	2,83048	12,7608	0,65835	1	0	1

11.02.2018	29,1643	33,7324	0,04225	19,7128	27,0636	0,11106	6,14435	20,163	0,77415	2,90285	12,7608	0,64748	1	0	1
12.02.2018	29,4033	33,7324	0,03932	19,3539	27,0636	0,12283	6,40461	20,163	0,74757	2,84856	12,7608	0,65564	1	0	1
13.02.2018	29,6088	33,7324	0,037	19,8322	27,0636	0,10714	6,23189	20,163	0,76521	2,88024	12,7608	0,65088	1	0	1
14.02.2018	29,5801	33,7324	0,03733	19,7984	27,0636	0,10825	6,57321	20,163	0,73035	2,64416	12,7608	0,68634	1	0	1
15.02.2018	29,4609	33,7324	0,03867	20,1229	27,0636	0,09789	6,34749	20,163	0,7534	2,58706	12,7608	0,69491	1	0	1
16.02.2018	29,2142	33,7324	0,04162	20,3905	27,0636	0,09035	6,46609	20,163	0,74129	2,5571	12,7608	0,69941	1	0	1
17.02.2018	28,6476	33,7324	0,04916	20,6181	27,0636	0,08438	6,68446	20,163	0,71899	2,52198	12,7608	0,70469	1	0	1
18.02.2018	28,8942	33,7324	0,04573	20,8044	27,0636	0,07974	6,4063	20,163	0,7474	2,67768	12,7608	0,6813	1	0	1
19.02.2018	28,3569	33,7324	0,05352	21,0085	27,0636	0,07493	6,63325	20,163	0,72422	2,62181	12,7608	0,68969	0	0	1
20.02.2018	28,5991	33,7324	0,04984	21,0541	27,0636	0,07392	6,53846	20,163	0,7339	2,84534	12,7608	0,65612	1	0	1
21.02.2018	29,1786	33,7324	0,04207	21,4098	27,0636	0,06623	6,45749	20,163	0,74217	2,82186	12,7608	0,65965	1	0	1
22.02.2018	29,2336	33,7324	0,04138	21,6081	27,0636	0,06227	6,38465	20,163	0,74961	2,85588	12,7608	0,65454	1	0	1
23.02.2018	29,2155	33,7324	0,04161	21,7758	27,0636	0,05907	6,56649	20,163	0,73104	2,7299	12,7608	0,67346	1	0	1
24.02.2018	29,6099	33,7324	0,03699	22,0805	27,0636	0,05366	6,55209	20,163	0,73251	2,78119	12,7608	0,66576	1	0	1
25.02.2018	29,3585	33,7324	0,03983	22,3184	27,0636	0,04971	6,4038	20,163	0,74765	2,78762	12,7608	0,66479	2	0	1
26.02.2018	28,8263	33,7324	0,04667	22,5195	27,0636	0,04665	6,4152	20,163	0,74649	2,7263	12,7608	0,674	2	0	1
27.02.2018	28,7155	33,7324	0,04822	22,808	27,0636	0,04251	6,47742	20,163	0,74013	2,49792	12,7608	0,7083	2	0	1
28.02.2018	29,1339	33,7324	0,04264	22,972	27,0636	0,04025	6,39922	20,163	0,74812	2,4244	12,7608	0,71935	2	0	1
1.03.2018	28,9438	33,7324	0,04503	23,1634	27,0636	0,03787	6,46025	20,163	0,74189	2,44501	12,7608	0,71625	2	0	1
2.03.2018	28,7628	33,7324	0,04756	23,3149	27,0636	0,03602	6,41638	20,163	0,74637	2,52838	12,7608	0,70373	2	0	1
3.03.2018	28,831	33,7324	0,04661	23,3157	27,0636	0,03601	6,54597	20,163	0,73313	2,50097	12,7608	0,70784	2	0	1
4.03.2018	29,0978	33,7324	0,04309	23,5548	27,0636	0,03332	6,59538	20,163	0,72808	2,45403	12,7608	0,71489	2	0	1
5.03.2018	29,1789	33,7324	0,04207	23,5375	27,0636	0,0335	6,65777	20,163	0,72171	2,48848	12,7608	0,70972	2	0	1
6.03.2018	29,3773	33,7324	0,03962	23,3942	27,0636	0,03504	6,50202	20,163	0,73762	2,61537	12,7608	0,69066	2	0	1
7.03.2018	29,4361	33,7324	0,03895	23,771	27,0636	0,031	6,32307	20,163	0,7559	2,58401	12,7608	0,69537	2	0	1
8.03.2018	29,6694	33,7324	0,03632	23,9693	27,0636	0,02903	6,19834	20,163	0,76864	2,67499	12,7608	0,68171	2	0	1
9.03.2018	29,7133	33,7324	0,03582	24,2173	27,0636	0,02676	6,38367	20,163	0,74971	2,77517	12,7608	0,66666	2	0	1
10.03.2018	56,0375	33,7324	0,001	23,9058	27,0636	0,02962	6,87699	20,163	0,69932	2,42494	12,7608	0,71926	2	1	2
11.03.2018	55,8099	33,7324	0,001	24,1453	27,0636	0,02742	7,12032	20,163	0,67447	2,37185	12,7608	0,72724	2	1	2
12.03.2018	56,0735	33,7324	0,001	24,3284	27,0636	0,02574	6,94257	20,163	0,69262	2,43918	12,7608	0,71712	2	1	2
13.03.2018	55,8269	33,7324	0,001	24,5168	27,0636	0,02418	7,1526	20,163	0,67117	1,9706	12,7608	0,7875	2	1	2
14.03.2018	30,3963	33,7324	0,02912	25,0949	27,0636	0,01984	6,05498	20,163	0,78328	2,3827	12,7608	0,72561	2	0	1
15.03.2018	30,5106	33,7324	0,02815	25,3988	27,0636	0,01803	6,24338	20,163	0,76404	2,34793	12,7608	0,73083	2	0	1
16.03.2018	58,0973	33,7324	0,001	24,5093	27,0636	0,02424	7,03537	20,163	0,68314	1,86463	12,7608	0,80444	2	1	2
17.03.2018	58,671	33,7324	0,001	24,5478	27,0636	0,02395	6,90733	20,163	0,69622	1,7636	12,7608	0,82412	2	1	2
18.03.2018	58,8747	33,7324	0,001	24,54	27,0636	0,02401	6,94039	20,163	0,69284	1,76491	12,7608	0,82387	2	1	2
19.03.2018	58,6214	33,7324	0,001	24,7904	27,0636	0,02211	6,85763	20,163	0,7013	1,84046	12,7608	0,80915	2	1	2
20.03.2018	57,7024	33,7324	0,001	24,9779	27,0636	0,02069	6,90587	20,163	0,69637	1,88739	12,7608	0,8	2	1	2
21.03.2018	57,1465	33,7324	0,001	24,8269	27,0636	0,02183	7,27805	20,163	0,65835	1,95274	12,7608	0,79019	2	1	2
22.03.2018	57,575	33,7324	0,001	24,9105	27,0636	0,0212	7,22298	20,163	0,66398	1,86688	12,7608	0,804	2	1	2

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
4.01.2018	46,84	61,2654	0,18868	24,3884	41,192	0,46987	9,51799	25,0846	0,69761	1,88537	12,7608	0,8004	0	0
5.01.2018	87,149	61,2654	0,001	32,0567	41,192	0,10527	16,8004	25,0846	0,14058	3,3813	12,7608	0,57562	1	1
6.01.2018	119,377	61,2654	0,001	29,4832	41,192	0,18142	7,44088	25,0846	0,86711	2,61312	12,7608	0,691	1	1
7.01.2018	118,081	61,2654	0,001	26,5852	41,192	0,3409	8,59301	25,0846	0,77479	2,86777	12,7608	0,65275	1	1
8.01.2018	117,079	61,2654	0,001	24,3342	41,192	0,47306	8,00611	25,0846	0,8238	3,02986	12,7608	0,62841	1	1
9.01.2018	101,928	61,2654	0,001	22,371	41,192	0,58831	8,0583	25,0846	0,81943	2,68568	12,7608	0,6801	1	1
10.01.2018	105,337	61,2654	0,001	21,9951	41,192	0,61037	7,25013	25,0846	0,88049	1,46463	12,7608	0,87954	1	1
11.01.2018	93,8986	61,2654	0,001	17,6807	41,192	0,85568	6,66403	25,0846	0,91727	1,78094	12,7608	0,82074	1	1
12.01.2018	96,1349	61,2654	0,001	18,7089	41,192	0,80302	6,72126	25,0846	0,91403	1,93712	12,7608	0,79253	1	1
13.01.2018	94,0519	61,2654	0,001	25,6744	41,192	0,39438	7,75065	25,0846	0,84402	1,56695	12,7608	0,86109	1	1
14.01.2018	97,5023	61,2654	0,001	27,0395	41,192	0,31423	8,80682	25,0846	0,75695	2,85184	12,7608	0,65515	1	1
15.01.2018	98,8091	61,2654	0,001	28,464	41,192	0,2306	8,84585	25,0846	0,75369	1,38437	12,7608	0,89342	1	1
16.01.2018	104,997	61,2654	0,001	34,2333	41,192	0,06326	11,9155	25,0846	0,49759	1,4603	12,7608	0,88029	1	1
17.01.2018	52,9841	61,2654	0,06245	24,5505	41,192	0,46035	8,18844	25,0846	0,80856	2,70532	12,7608	0,67715	0	0
18.01.2018	54,2335	61,2654	0,04847	25,6594	41,192	0,39525	8,14445	25,0846	0,81223	2,64134	12,7608	0,68676	1	0
19.01.2018	55,3276	61,2654	0,03857	26,2949	41,192	0,35795	8,17126	25,0846	0,80999	2,37088	12,7608	0,72738	1	0
20.01.2018	52,2988	61,2654	0,07148	25,1519	41,192	0,42505	7,88047	25,0846	0,83378	2,30392	12,7608	0,73744	0	0
21.01.2018	55,6653	61,2654	0,03587	27,2846	41,192	0,29984	8,52606	25,0846	0,78037	2,62153	12,7608	0,68974	1	0
22.01.2018	56,7742	61,2654	0,02827	27,4988	41,192	0,28727	8,5664	25,0846	0,77701	2,51018	12,7608	0,70646	1	0
23.01.2018	56,9401	61,2654	0,02727	27,5738	41,192	0,28286	8,43591	25,0846	0,78789	2,30044	12,7608	0,73796	1	0
24.01.2018	57,1813	61,2654	0,02581	27,9299	41,192	0,26196	8,52056	25,0846	0,78083	2,29085	12,7608	0,7394	1	0
25.01.2018	57,2132	61,2654	0,02562	28,2017	41,192	0,246	8,63591	25,0846	0,77121	2,40043	12,7608	0,72294	1	0
26.01.2018	57,0362	61,2654	0,02669	28,5599	41,192	0,22497	8,64254	25,0846	0,77065	2,33195	12,7608	0,73323	1	0
27.01.2018	52,8142	61,2654	0,06456	27,6014	41,192	0,28125	9,12643	25,0846	0,73028	2,70481	12,7608	0,67723	0	0
28.01.2018	52,489	61,2654	0,06886	25,9029	41,192	0,38096	8,62115	25,0846	0,77244	2,4072	12,7608	0,72193	0	0
29.01.2018	55,1216	61,2654	0,04024	28,4482	41,192	0,23153	9,13634	25,0846	0,72946	2,50723	12,7608	0,7069	1	0
30.01.2018	55,8498	61,2654	0,03447	28,717	41,192	0,21575	9,3601	25,0846	0,71079	2,73855	12,7608	0,67216	1	0
31.01.2018	55,9264	61,2654	0,03394	28,5415	41,192	0,22605	9,48598	25,0846	0,70029	2,74319	12,7608	0,67146	1	0
1.02.2018	56,5946	61,2654	0,02936	28,6113	41,192	0,22196	9,34817	25,0846	0,71178	2,85419	12,7608	0,65479	1	0
2.02.2018	56,4175	61,2654	0,03049	28,2227	41,192	0,24477	9,20363	25,0846	0,72384	2,72831	12,7608	0,6737	1	0
3.02.2018	55,8576	61,2654	0,03442	27,4422	41,192	0,29059	9,59991	25,0846	0,69078	2,85589	12,7608	0,65454	1	0
4.02.2018	56,9832	61,2654	0,02701	28,3393	41,192	0,23793	9,10698	25,0846	0,73191	2,91685	12,7608	0,64538	1	0
5.02.2018	57,6435	61,2654	0,02335	28,7296	41,192	0,21501	8,87526	25,0846	0,75124	2,95639	12,7608	0,63944	1	0
6.02.2018	56,7593	61,2654	0,02836	27,6825	41,192	0,27649	9,31869	25,0846	0,71424	2,79997	12,7608	0,66294	1	0
7.02.2018	57,3564	61,2654	0,02479	28,4552	41,192	0,23112	8,95244	25,0846	0,7448	2,86739	12,7608	0,65281	1	0
8.02.2018	57,1751	61,2654	0,02585	28,0496	41,192	0,25493	9,15382	25,0846	0,728	2,92645	12,7608	0,64394	1	0
9.02.2018	56,749	61,2654	0,02842	28,2066	41,192	0,24571	9,36851	25,0846	0,71009	2,81592	12,7608	0,66054	1	0
10.02.2018	57,3881	61,2654	0,02463	28,3951	41,192	0,23465	8,97276	25,0846	0,7431	2,83048	12,7608	0,65835	1	0

11.02.2018	57,9243	61,2654	0,02193	28,76	41,192	0,21323	9,0472	25,0846	0,73689	2,90285	12,7608	0,64748	1	0
12.02.2018	58,0104	61,2654	0,0215	28,6071	41,192	0,2222	9,25317	25,0846	0,71971	2,84856	12,7608	0,65564	1	0
13.02.2018	58,5531	61,2654	0,01902	28,9443	41,192	0,20241	9,11213	25,0846	0,73148	2,88024	12,7608	0,65088	1	0
14.02.2018	58,5958	61,2654	0,01885	29,0157	41,192	0,19886	9,21737	25,0846	0,7227	2,64416	12,7608	0,68634	1	0
15.02.2018	58,5183	61,2654	0,01916	29,0574	41,192	0,19731	8,93455	25,0846	0,74629	2,58706	12,7608	0,69491	1	0
16.02.2018	58,6279	61,2654	0,01872	29,4137	41,192	0,18401	9,02319	25,0846	0,7389	2,5571	12,7608	0,69941	1	0
17.02.2018	58,4722	61,2654	0,01934	29,8246	41,192	0,16933	9,20644	25,0846	0,72361	2,52198	12,7608	0,70469	1	0
18.02.2018	58,7826	61,2654	0,0181	29,8884	41,192	0,16719	9,08398	25,0846	0,73382	2,67768	12,7608	0,6813	1	0
19.02.2018	58,6205	61,2654	0,01875	30,2636	41,192	0,15464	9,25507	25,0846	0,71955	2,62181	12,7608	0,68969	1	0
20.02.2018	59,037	61,2654	0,01708	30,4379	41,192	0,14896	9,3838	25,0846	0,70881	2,84534	12,7608	0,65612	1	0
21.02.2018	59,8678	61,2654	0,01409	30,6892	41,192	0,14164	9,27935	25,0846	0,71752	2,82186	12,7608	0,65965	1	0
22.02.2018	60,0822	61,2654	0,01346	30,8486	41,192	0,13699	9,24054	25,0846	0,72076	2,85588	12,7608	0,65454	1	0
23.02.2018	60,2877	61,2654	0,01286	31,0722	41,192	0,13047	9,29639	25,0846	0,7161	2,7299	12,7608	0,67346	1	0
24.02.2018	61,0237	61,2654	0,01071	31,4138	41,192	0,12119	9,33328	25,0846	0,71303	2,78119	12,7608	0,66576	1	0
25.02.2018	60,8684	61,2654	0,01116	31,5098	41,192	0,11881	9,19142	25,0846	0,72486	2,78762	12,7608	0,66479	1	0
26.02.2018	60,4873	61,2654	0,01228	31,661	41,192	0,11507	9,1415	25,0846	0,72903	2,7263	12,7608	0,674	1	0
27.02.2018	60,4988	61,2654	0,01224	31,7834	41,192	0,11204	8,97534	25,0846	0,74289	2,49792	12,7608	0,7083	1	0
28.02.2018	60,9295	61,2654	0,01098	31,7956	41,192	0,11174	8,82362	25,0846	0,75555	2,4244	12,7608	0,71935	1	0
1.03.2018	61,0125	61,2654	0,01074	32,0687	41,192	0,10497	8,90526	25,0846	0,74873	2,44501	12,7608	0,71625	1	0
2.03.2018	61,0225	61,2654	0,01071	32,2597	41,192	0,10024	8,94476	25,0846	0,74544	2,52838	12,7608	0,70373	1	0
3.03.2018	61,1937	61,2654	0,01021	32,3626	41,192	0,09794	9,04694	25,0846	0,73691	2,50097	12,7608	0,70784	1	0
4.03.2018	61,702	61,2654	0,00922	32,6042	41,192	0,09271	9,04941	25,0846	0,73671	2,45403	12,7608	0,71489	1	1
5.03.2018	61,8627	61,2654	0,00893	32,6837	41,192	0,09103	9,14625	25,0846	0,72863	2,48848	12,7608	0,70972	1	1
6.03.2018	61,8889	61,2654	0,00889	32,5116	41,192	0,09466	9,11739	25,0846	0,73104	2,61537	12,7608	0,69066	1	1
7.03.2018	62,1141	61,2654	0,00848	32,678	41,192	0,09115	8,90708	25,0846	0,74858	2,58401	12,7608	0,69537	1	1
8.03.2018	62,5121	61,2654	0,00777	32,8426	41,192	0,08778	8,87333	25,0846	0,7514	2,67499	12,7608	0,68171	1	1
9.03.2018	63,0895	61,2654	0,00674	33,3762	41,192	0,07755	9,15884	25,0846	0,72758	2,77517	12,7608	0,66666	1	1
10.03.2018	89,2452	61,2654	0,001	33,2077	41,192	0,08064	9,30193	25,0846	0,71564	2,42494	12,7608	0,71926	1	1
11.03.2018	89,4474	61,2654	0,001	33,6375	41,192	0,07293	9,49217	25,0846	0,69977	2,37185	12,7608	0,72724	1	1
12.03.2018	89,7837	61,2654	0,001	33,7101	41,192	0,07168	9,38175	25,0846	0,70898	2,43918	12,7608	0,71712	1	1
13.03.2018	89,4669	61,2654	0,001	33,64	41,192	0,07288	9,1232	25,0846	0,73055	1,9706	12,7608	0,7875	1	1
14.03.2018	63,929	61,2654	0,00524	33,5326	41,192	0,07472	8,43769	25,0846	0,78775	2,3827	12,7608	0,72561	1	1
15.03.2018	64,5007	61,2654	0,00471	33,9901	41,192	0,06706	8,59131	25,0846	0,77493	2,34793	12,7608	0,73083	1	1
16.03.2018	91,5066	61,2654	0,001	33,4093	41,192	0,07695	8,90001	25,0846	0,74917	1,86463	12,7608	0,80444	1	1
17.03.2018	91,8897	61,2654	0,001	33,2187	41,192	0,08042	8,67093	25,0846	0,76829	1,7636	12,7608	0,82412	1	1
18.03.2018	92,12	61,2654	0,001	33,2453	41,192	0,07992	8,7053	25,0846	0,76542	1,76491	12,7608	0,82387	1	1
19.03.2018	92,1099	61,2654	0,001	33,4885	41,192	0,07551	8,69809	25,0846	0,76602	1,84046	12,7608	0,80915	1	1
20.03.2018	91,4736	61,2654	0,001	33,7711	41,192	0,07063	8,79326	25,0846	0,75808	1,88739	12,7608	0,8	1	1
21.03.2018	91,2042	61,2654	0,001	34,0577	41,192	0,06597	9,23079	25,0846	0,72158	1,95274	12,7608	0,79019	1	1
22.03.2018	91,5754	61,2654	0,001	34,0004	41,192	0,0669	9,08986	25,0846	0,73333	1,86688	12,7608	0,804	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test															
Maximum Eigen Value Test Stat															
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
4.01.2018	21,7309	32,7171	0,25048	13,9548	25,8613	0,41161	5,37989	18,5193	0,70953	0,75997	6,6349	0,53548	0	0	1
5.01.2018	49,9921	32,7171	0,001	13,7024	25,8613	0,43308	13,4186	18,5193	0,06774	3,24743	6,6349	0,07158	1	1	1
6.01.2018	89,1412	32,7171	0,001	21,4089	25,8613	0,04576	4,52267	18,5193	0,80045	0,57096	6,6349	0,60734	2	1	2
7.01.2018	90,4704	32,7171	0,001	17,2628	25,8613	0,16032	5,5751	18,5193	0,68884	0,22098	6,6349	0,7404	1	1	2
8.01.2018	92,1478	32,7171	0,001	16,3214	25,8613	0,21037	4,93335	18,5193	0,75687	2,22711	6,6349	0,13624	1	1	2
9.01.2018	77,8864	32,7171	0,001	14,3064	25,8613	0,38172	5,28339	18,5193	0,71976	1,57157	6,6349	0,22693	1	1	2
10.01.2018	81,0736	32,7171	0,001	14,704	25,8613	0,3479	5,55306	18,5193	0,69117	0,44865	6,6349	0,65384	1	1	2
11.01.2018	72,5906	32,7171	0,001	11,0164	25,8613	0,66149	4,69812	18,5193	0,78181	0,32874	6,6349	0,69943	1	1	2
12.01.2018	73,7208	32,7171	0,001	11,9875	25,8613	0,57891	4,62224	18,5193	0,78985	0,44458	6,6349	0,65539	1	1	2
13.01.2018	64,383	32,7171	0,001	17,6725	25,8613	0,14296	6,05207	18,5193	0,63827	0,05753	6,6349	0,8109	1	1	2
14.01.2018	67,8407	32,7171	0,001	17,1016	25,8613	0,16758	5,86225	18,5193	0,6584	1,13347	6,6349	0,39348	1	1	2
15.01.2018	68,1775	32,7171	0,001	18,8272	25,8613	0,10215	7,36536	18,5193	0,49905	0,29294	6,6349	0,71304	1	1	2
16.01.2018	69,5742	32,7171	0,001	21,0679	25,8613	0,05107	10,4477	18,5193	0,18449	0,7579	6,6349	0,53627	1	1	2
17.01.2018	27,8518	32,7171	0,04628	16,3615	25,8613	0,20696	5,11495	18,5193	0,73762	2,68266	6,6349	0,10162	1	0	1
18.01.2018	28,0461	32,7171	0,04369	17,4959	25,8613	0,14986	5,11872	18,5193	0,73722	2,59612	6,6349	0,10777	1	0	1
19.01.2018	28,5591	32,7171	0,03749	18,076	25,8613	0,12718	5,55791	18,5193	0,69066	2,26834	6,6349	0,13257	1	0	1
20.01.2018	26,5902	32,7171	0,06665	17,2696	25,8613	0,16002	5,1738	18,5193	0,73138	2,13321	6,6349	0,14458	0	0	1
21.01.2018	27,9095	32,7171	0,04547	18,6843	25,8613	0,10684	5,68768	18,5193	0,6769	2,58277	6,6349	0,10872	1	0	1
22.01.2018	28,9321	32,7171	0,03347	18,9015	25,8613	0,09974	5,91885	18,5193	0,6524	2,46197	6,6349	0,1173	1	0	1
23.01.2018	29,0462	32,7171	0,03234	19,1178	25,8613	0,0935	6,0025	18,5193	0,64353	2,19023	6,6349	0,13952	1	0	1
24.01.2018	28,9541	32,7171	0,03326	19,3559	25,8613	0,08702	6,06839	18,5193	0,63654	2,1672	6,6349	0,14156	1	0	1
25.01.2018	28,7181	32,7171	0,03568	19,4849	25,8613	0,08368	6,13145	18,5193	0,62986	2,31248	6,6349	0,12865	1	0	1
26.01.2018	28,172	32,7171	0,0421	19,8974	25,8613	0,07374	6,20985	18,5193	0,62155	2,21879	6,6349	0,13698	1	0	1
27.01.2018	24,7921	32,7171	0,10991	18,3886	25,8613	0,11656	6,28254	18,5193	0,61384	2,68371	6,6349	0,10155	0	0	1
28.01.2018	26,3391	32,7171	0,07155	17,2417	25,8613	0,16127	5,80131	18,5193	0,66486	2,24798	6,6349	0,13438	0	0	1
29.01.2018	26,4652	32,7171	0,06904	19,3005	25,8613	0,08849	6,40544	18,5193	0,60081	2,41268	6,6349	0,1208	0	0	1
30.01.2018	26,8429	32,7171	0,06203	19,355	25,8613	0,08705	6,55802	18,5193	0,58464	2,7148	6,6349	0,09943	0	0	1
31.01.2018	27,0995	32,7171	0,05764	19,0235	25,8613	0,09618	6,6571	18,5193	0,57413	2,71608	6,6349	0,09936	0	0	1
1.02.2018	27,7607	32,7171	0,04755	19,2437	25,8613	0,08999	6,4707	18,5193	0,59389	2,84428	6,6349	0,09173	1	0	1
2.02.2018	27,9648	32,7171	0,04472	18,9918	25,8613	0,0971	6,45756	18,5193	0,59529	2,69501	6,6349	0,10075	1	0	1
3.02.2018	28,1843	32,7171	0,04194	17,7751	25,8613	0,13894	6,70845	18,5193	0,56869	2,84069	6,6349	0,09194	1	0	1
4.02.2018	28,4096	32,7171	0,03918	19,2148	25,8613	0,09079	6,1866	18,5193	0,62401	2,90783	6,6349	0,08819	1	0	1
5.02.2018	28,803	32,7171	0,03475	19,8537	25,8613	0,07472	5,91887	18,5193	0,65239	2,94974	6,6349	0,08591	1	0	1
6.02.2018	28,9545	32,7171	0,03325	18,3182	25,8613	0,11887	6,50292	18,5193	0,59048	2,76698	6,6349	0,09625	1	0	1
7.02.2018	28,7391	32,7171	0,03545	19,4896	25,8613	0,08356	6,08219	18,5193	0,63508	2,84597	6,6349	0,09164	1	0	1
8.02.2018	28,9692	32,7171	0,03311	18,8579	25,8613	0,10114	6,22127	18,5193	0,62034	2,9103	6,6349	0,08805	1	0	1
9.02.2018	28,3348	32,7171	0,04003	18,7943	25,8613	0,10323	6,53033	18,5193	0,58757	2,77155	6,6349	0,09597	1	0	1
10.02.2018	28,8155	32,7171	0,03463	19,4031	25,8613	0,08577	6,13792	18,5193	0,62917	2,78676	6,6349	0,09505	1	0	1

11.02.2018	28,9952	32,7171	0,03285	19,7013	25,8613	0,07832	6,1405	18,5193	0,6289	2,86927	6,6349	0,0903	1	0	1
12.02.2018	29,2518	32,7171	0,0303	19,3168	25,8613	0,08805	6,39043	18,5193	0,6024	2,80197	6,6349	0,09417	1	0	1
13.02.2018	29,4597	32,7171	0,02849	19,8136	25,8613	0,07565	6,22514	18,5193	0,61993	2,83715	6,6349	0,09214	1	0	1
14.02.2018	29,42	32,7171	0,02883	19,769	25,8613	0,07671	6,54427	18,5193	0,58609	2,54497	6,6349	0,1114	1	0	1
15.02.2018	29,2804	32,7171	0,03002	20,1035	25,8613	0,06918	6,33147	18,5193	0,60865	2,47253	6,6349	0,11655	1	0	1
16.02.2018	29,0249	32,7171	0,03255	20,38	25,8613	0,06347	6,44316	18,5193	0,59681	2,43351	6,6349	0,11932	1	0	1
17.02.2018	28,4326	32,7171	0,03892	20,6119	25,8613	0,059	6,64505	18,5193	0,57541	2,38658	6,6349	0,12265	1	0	1
18.02.2018	28,6972	32,7171	0,03592	20,8035	25,8613	0,05553	6,39281	18,5193	0,60215	2,5814	6,6349	0,10881	1	0	1
19.02.2018	28,1521	32,7171	0,04235	21,0073	25,8613	0,05209	6,60192	18,5193	0,57998	2,50936	6,6349	0,11393	1	0	1
20.02.2018	28,4134	32,7171	0,03914	21,0494	25,8613	0,05138	6,52071	18,5193	0,58859	2,78149	6,6349	0,09537	1	0	1
21.02.2018	29,0384	32,7171	0,03242	21,4096	25,8613	0,04575	6,4469	18,5193	0,59642	2,75358	6,6349	0,09707	2	0	1
22.02.2018	29,1009	32,7171	0,0318	21,6081	25,8613	0,04291	6,37899	18,5193	0,60362	2,79278	6,6349	0,0947	2	0	1
23.02.2018	29,0846	32,7171	0,03196	21,7705	25,8613	0,04065	6,55176	18,5193	0,5853	2,63488	6,6349	0,10502	2	0	1
24.02.2018	29,5004	32,7171	0,02814	22,0805	25,8613	0,03675	6,53895	18,5193	0,58666	2,69641	6,6349	0,10065	2	0	1
25.02.2018	29,2247	32,7171	0,03057	22,3159	25,8613	0,03399	6,39741	18,5193	0,60166	2,70292	6,6349	0,10018	2	0	1
26.02.2018	28,6579	32,7171	0,03637	22,5162	25,8613	0,03182	6,40829	18,5193	0,60051	2,62391	6,6349	0,10579	2	0	1
27.02.2018	28,5416	32,7171	0,03768	22,808	25,8613	0,02886	6,46572	18,5193	0,59442	2,33859	6,6349	0,12633	2	0	1
28.02.2018	28,9922	32,7171	0,03288	22,9676	25,8613	0,02739	6,39034	18,5193	0,60241	2,24823	6,6349	0,13436	2	0	1
1.03.2018	28,8004	32,7171	0,03478	23,1591	25,8613	0,02563	6,44954	18,5193	0,59614	2,27458	6,6349	0,13202	2	0	1
2.03.2018	28,6168	32,7171	0,03683	23,3085	25,8613	0,02438	6,40874	18,5193	0,60046	2,37897	6,6349	0,12319	2	0	1
3.03.2018	28,7001	32,7171	0,03589	23,2978	25,8613	0,02446	6,53277	18,5193	0,58731	2,34442	6,6349	0,12581	2	0	1
4.03.2018	28,9845	32,7171	0,03295	23,5424	25,8613	0,02259	6,57962	18,5193	0,58235	2,28636	6,6349	0,13097	2	0	1
5.03.2018	29,0768	32,7171	0,03204	23,5161	25,8613	0,02279	6,63987	18,5193	0,57596	2,32919	6,6349	0,12716	2	0	1
6.03.2018	29,2872	32,7171	0,02996	23,3592	25,8613	0,02399	6,49446	18,5193	0,59137	2,48876	6,6349	0,11539	2	0	1
7.03.2018	29,3462	32,7171	0,02946	23,7498	25,8613	0,021	6,32108	18,5193	0,60976	2,45103	6,6349	0,11807	2	0	1
8.03.2018	29,5896	32,7171	0,02738	23,9508	25,8613	0,01958	6,19821	18,5193	0,62278	2,56403	6,6349	0,11005	2	0	1
9.03.2018	29,6282	32,7171	0,02705	24,206	25,8613	0,01804	6,38184	18,5193	0,60331	2,68487	6,6349	0,10147	2	0	1
10.03.2018	55,9848	32,7171	0,001	23,8632	25,8613	0,02013	6,87691	18,5193	0,55083	2,25892	6,6349	0,13341	2	1	2
11.03.2018	55,7423	32,7171	0,001	24,113	25,8613	0,0186	7,11652	18,5193	0,52543	2,18311	6,6349	0,14015	2	1	2
12.03.2018	56,0093	32,7171	0,001	24,295	25,8613	0,0175	6,94236	18,5193	0,54389	2,27369	6,6349	0,1321	2	1	2
13.03.2018	55,7556	32,7171	0,001	24,4815	25,8613	0,01638	7,14253	18,5193	0,52267	1,5971	6,6349	0,21722	2	1	2
14.03.2018	30,3245	32,7171	0,02178	25,0534	25,8613	0,01351	6,05468	18,5193	0,638	2,1779	6,6349	0,14061	2	0	1
15.03.2018	30,4413	32,7171	0,02095	25,3698	25,8613	0,01214	6,24	18,5193	0,61835	2,13762	6,6349	0,14419	2	0	1
16.03.2018	58,0819	32,7171	0,001	24,446	25,8613	0,01659	7,03045	18,5193	0,53455	1,44346	6,6349	0,27563	2	1	2
17.03.2018	58,6623	32,7171	0,001	24,4836	25,8613	0,01637	6,90482	18,5193	0,54787	1,29522	6,6349	0,33199	2	1	2
18.03.2018	58,8631	32,7171	0,001	24,4726	25,8613	0,01643	6,93752	18,5193	0,54441	1,297	6,6349	0,33131	2	1	2
19.03.2018	58,6015	32,7171	0,001	24,7328	25,8613	0,0149	6,85697	18,5193	0,55295	1,4113	6,6349	0,28786	2	1	2
20.03.2018	57,6667	32,7171	0,001	24,9249	25,8613	0,01407	6,905	18,5193	0,54785	1,48027	6,6349	0,26164	2	1	2
21.03.2018	57,1059	32,7171	0,001	24,7475	25,8613	0,01484	7,26649	18,5193	0,50953	1,57061	6,6349	0,22729	2	1	2
22.03.2018	57,5456	32,7171	0,001	24,8271	25,8613	0,01449	7,21466	18,5193	0,51503	1,44478	6,6349	0,27513	2	1	2

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
4.01.2018	41,8256	54,6847	0,16404	20,0947	35,4657	0,45198	6,13985	19,9396	0,69618	0,75997	6,6349	0,53548	0	0
5.01.2018	80,3606	54,6847	0,001	30,3685	35,4657	0,04301	16,6661	19,9396	0,03327	3,24743	6,6349	0,07158	3	1
6.01.2018	115,644	54,6847	0,001	26,5026	35,4657	0,11496	5,09363	19,9396	0,79893	0,57096	6,6349	0,60734	1	1
7.01.2018	113,529	54,6847	0,001	23,0589	35,4657	0,26124	5,79608	19,9396	0,72994	0,22098	6,6349	0,7404	1	1
8.01.2018	115,63	54,6847	0,001	23,4818	35,4657	0,23402	7,16046	19,9396	0,59594	2,22711	6,6349	0,13624	1	1
9.01.2018	99,0478	54,6847	0,001	21,1613	35,4657	0,38334	6,85496	19,9396	0,62594	1,57157	6,6349	0,22693	1	1
10.01.2018	101,779	54,6847	0,001	20,7058	35,4657	0,41266	6,00171	19,9396	0,70974	0,44865	6,6349	0,65384	1	1
11.01.2018	88,6339	54,6847	0,001	16,0433	35,4657	0,71269	5,02686	19,9396	0,80589	0,32874	6,6349	0,69943	1	1
12.01.2018	90,7751	54,6847	0,001	17,0544	35,4657	0,64763	5,06682	19,9396	0,80168	0,44458	6,6349	0,65539	1	1
13.01.2018	88,1651	54,6847	0,001	23,7821	35,4657	0,2147	6,1096	19,9396	0,69915	0,05753	6,6349	0,8109	1	1
14.01.2018	91,938	54,6847	0,001	24,0973	35,4657	0,19651	6,99573	19,9396	0,61212	1,13347	6,6349	0,39348	1	1
15.01.2018	94,663	54,6847	0,001	26,4855	35,4657	0,11541	7,6583	19,9396	0,54705	0,29294	6,6349	0,71304	1	1
16.01.2018	101,848	54,6847	0,001	32,2736	35,4657	0,02544	11,2056	19,9396	0,19924	0,7579	6,6349	0,53627	2	1
17.01.2018	52,0108	54,6847	0,01941	24,1591	35,4657	0,19403	7,7976	19,9396	0,53337	2,68266	6,6349	0,10162	1	0
18.01.2018	53,2569	54,6847	0,01438	25,2108	35,4657	0,15426	7,71484	19,9396	0,5415	2,59612	6,6349	0,10777	1	0
19.01.2018	54,4614	54,6847	0,01069	25,9023	35,4657	0,13199	7,82626	19,9396	0,53055	2,26834	6,6349	0,13257	1	0
20.01.2018	51,1668	54,6847	0,02374	24,5766	35,4657	0,17725	7,30701	19,9396	0,58155	2,13321	6,6349	0,14458	1	0
21.01.2018	54,8643	54,6847	0,00966	26,9548	35,4657	0,10295	8,27045	19,9396	0,48693	2,58277	6,6349	0,10872	1	1
22.01.2018	56,2145	54,6847	0,00713	27,2824	35,4657	0,09489	8,38082	19,9396	0,47609	2,46197	6,6349	0,1173	1	1
23.01.2018	56,3568	54,6847	0,00686	27,3105	35,4657	0,09425	8,19273	19,9396	0,49456	2,19023	6,6349	0,13952	1	1
24.01.2018	56,5456	54,6847	0,00651	27,5915	35,4657	0,08797	8,23559	19,9396	0,49035	2,1672	6,6349	0,14156	1	1
25.01.2018	56,6469	54,6847	0,00632	27,9288	35,4657	0,08087	8,44393	19,9396	0,46989	2,31248	6,6349	0,12865	1	1
26.01.2018	56,498	54,6847	0,0066	28,326	35,4657	0,07321	8,42863	19,9396	0,47139	2,21879	6,6349	0,13698	1	1
27.01.2018	52,147	54,6847	0,01884	27,3549	35,4657	0,09324	8,96625	19,9396	0,41859	2,68371	6,6349	0,10155	1	0
28.01.2018	51,6301	54,6847	0,02128	25,291	35,4657	0,15138	8,0493	19,9396	0,50865	2,24798	6,6349	0,13438	1	0
29.01.2018	54,5839	54,6847	0,01031	28,1187	35,4657	0,07713	8,81812	19,9396	0,43314	2,41268	6,6349	0,1208	1	0
30.01.2018	55,4707	54,6847	0,00853	28,6278	35,4657	0,06781	9,27282	19,9396	0,38848	2,7148	6,6349	0,09943	1	1
31.01.2018	55,4962	54,6847	0,00848	28,3967	35,4657	0,07191	9,37318	19,9396	0,37863	2,71608	6,6349	0,09936	1	1
1.02.2018	56,3194	54,6847	0,00693	28,5587	35,4657	0,069	9,31497	19,9396	0,38434	2,84428	6,6349	0,09173	1	1
2.02.2018	56,1091	54,6847	0,00733	28,1444	35,4657	0,07663	9,15257	19,9396	0,40029	2,69501	6,6349	0,10075	1	1
3.02.2018	55,5086	54,6847	0,00846	27,3242	35,4657	0,09394	9,54914	19,9396	0,36135	2,84069	6,6349	0,09194	1	1
4.02.2018	56,7188	54,6847	0,00619	28,3092	35,4657	0,07352	9,09443	19,9396	0,406	2,90783	6,6349	0,08819	1	1
5.02.2018	57,5253	54,6847	0,00488	28,7223	35,4657	0,06618	8,86861	19,9396	0,42818	2,94974	6,6349	0,08591	1	1
6.02.2018	56,5426	54,6847	0,00652	27,5881	35,4657	0,08805	9,2699	19,9396	0,38877	2,76698	6,6349	0,09625	1	1
7.02.2018	57,1568	54,6847	0,00536	28,4177	35,4657	0,07152	8,92816	19,9396	0,42233	2,84597	6,6349	0,09164	1	1
8.02.2018	56,9586	54,6847	0,00574	27,9895	35,4657	0,07965	9,13157	19,9396	0,40236	2,9103	6,6349	0,08805	1	1
9.02.2018	56,431	54,6847	0,00673	28,0962	35,4657	0,07757	9,30188	19,9396	0,38563	2,77155	6,6349	0,09597	1	1
10.02.2018	57,1433	54,6847	0,00539	28,3278	35,4657	0,07317	8,92468	19,9396	0,42268	2,78676	6,6349	0,09505	1	1

11.02.2018	57,7063	54,6847	0,00475	28,7111	35,4657	0,06637	9,00978	19,9396	0,41432	2,86927	6,6349	0,0903	1	1
12.02.2018	57,7611	54,6847	0,00472	28,5092	35,4657	0,06985	9,1924	19,9396	0,39638	2,80197	6,6349	0,09417	1	1
13.02.2018	58,3357	54,6847	0,00432	28,8759	35,4657	0,06362	9,06229	19,9396	0,40916	2,83715	6,6349	0,09214	1	1
14.02.2018	58,2783	54,6847	0,00436	28,8583	35,4657	0,06391	9,08925	19,9396	0,40651	2,54497	6,6349	0,1114	1	1
15.02.2018	58,1879	54,6847	0,00442	28,9075	35,4657	0,06311	8,804	19,9396	0,43453	2,47253	6,6349	0,11655	1	1
16.02.2018	58,2816	54,6847	0,00436	29,2567	35,4657	0,05766	8,87668	19,9396	0,42739	2,43351	6,6349	0,11932	1	1
17.02.2018	58,0762	54,6847	0,0045	29,6435	35,4657	0,05212	9,03163	19,9396	0,41217	2,38658	6,6349	0,12265	1	1
18.02.2018	58,475	54,6847	0,00422	29,7777	35,4657	0,05027	8,97421	19,9396	0,41781	2,5814	6,6349	0,10881	1	1
19.02.2018	58,2707	54,6847	0,00436	30,1186	35,4657	0,04595	9,11127	19,9396	0,40435	2,50936	6,6349	0,11393	2	1
20.02.2018	58,765	54,6847	0,00402	30,3516	35,4657	0,0432	9,3022	19,9396	0,3856	2,78149	6,6349	0,09537	2	1
21.02.2018	59,6485	54,6847	0,00341	30,6101	35,4657	0,04025	9,20048	19,9396	0,39559	2,75358	6,6349	0,09707	2	1
22.02.2018	59,8808	54,6847	0,00325	30,7798	35,4657	0,0385	9,17177	19,9396	0,39841	2,79278	6,6349	0,0947	2	1
23.02.2018	60,0417	54,6847	0,00314	30,9571	35,4657	0,03669	9,18665	19,9396	0,39695	2,63488	6,6349	0,10502	2	1
24.02.2018	60,8163	54,6847	0,0026	31,3159	35,4657	0,03327	9,23536	19,9396	0,39216	2,69641	6,6349	0,10065	2	1
25.02.2018	60,6409	54,6847	0,00272	31,4162	35,4657	0,03237	9,10033	19,9396	0,40542	2,70292	6,6349	0,10018	2	1
26.02.2018	60,2062	54,6847	0,00302	31,5484	35,4657	0,03118	9,03221	19,9396	0,41212	2,62391	6,6349	0,10579	2	1
27.02.2018	60,1539	54,6847	0,00306	31,6123	35,4657	0,03061	8,80431	19,9396	0,4345	2,33859	6,6349	0,12633	2	1
28.02.2018	60,5984	54,6847	0,00275	31,6062	35,4657	0,03066	8,63857	19,9396	0,45077	2,24823	6,6349	0,13436	2	1
1.03.2018	60,6836	54,6847	0,00269	31,8832	35,4657	0,02844	8,72411	19,9396	0,44237	2,27458	6,6349	0,13202	2	1
2.03.2018	60,713	54,6847	0,00267	32,0962	35,4657	0,0268	8,78771	19,9396	0,43613	2,37897	6,6349	0,12319	2	1
3.03.2018	60,8752	54,6847	0,00256	32,175	35,4657	0,0262	8,87719	19,9396	0,42734	2,34442	6,6349	0,12581	2	1
4.03.2018	61,3929	54,6847	0,0022	32,4084	35,4657	0,0245	8,86598	19,9396	0,42844	2,28636	6,6349	0,13097	2	1
5.03.2018	61,562	54,6847	0,00208	32,4851	35,4657	0,02401	8,96906	19,9396	0,41832	2,32919	6,6349	0,12716	2	1
6.03.2018	61,6296	54,6847	0,00204	32,3424	35,4657	0,02493	8,98322	19,9396	0,41693	2,48876	6,6349	0,11539	2	1
7.03.2018	61,8681	54,6847	0,00187	32,5219	35,4657	0,02378	8,77211	19,9396	0,43766	2,45103	6,6349	0,11807	2	1
8.03.2018	62,3026	54,6847	0,00157	32,713	35,4657	0,02256	8,76223	19,9396	0,43863	2,56403	6,6349	0,11005	2	1
9.03.2018	62,9009	54,6847	0,00116	33,2727	35,4657	0,0192	9,06671	19,9396	0,40873	2,68487	6,6349	0,10147	2	1
10.03.2018	88,9838	54,6847	0,001	32,999	35,4657	0,02073	9,13583	19,9396	0,40194	2,25892	6,6349	0,13341	2	1
11.03.2018	89,155	54,6847	0,001	33,4127	35,4657	0,01849	9,29963	19,9396	0,38585	2,18311	6,6349	0,14015	2	1
12.03.2018	89,5203	54,6847	0,001	33,511	35,4657	0,01799	9,21605	19,9396	0,39406	2,27369	6,6349	0,1321	2	1
13.03.2018	88,9767	54,6847	0,001	33,2211	35,4657	0,01946	8,73963	19,9396	0,44085	1,5971	6,6349	0,21722	2	1
14.03.2018	63,6105	54,6847	0,001	33,286	35,4657	0,01913	8,23258	19,9396	0,49065	2,1779	6,6349	0,14061	2	1
15.03.2018	64,1888	54,6847	0,001	33,7474	35,4657	0,0168	8,37762	19,9396	0,4764	2,13762	6,6349	0,14419	2	1
16.03.2018	91,0018	54,6847	0,001	32,9199	35,4657	0,02123	8,47391	19,9396	0,46695	1,44346	6,6349	0,27563	2	1
17.03.2018	91,346	54,6847	0,001	32,6836	35,4657	0,02275	8,20005	19,9396	0,49384	1,29522	6,6349	0,33199	2	1
18.03.2018	91,5702	54,6847	0,001	32,7071	35,4657	0,0226	8,23451	19,9396	0,49046	1,297	6,6349	0,33131	2	1
19.03.2018	91,6026	54,6847	0,001	33,0011	35,4657	0,02072	8,26827	19,9396	0,48714	1,4113	6,6349	0,28786	2	1
20.03.2018	90,9768	54,6847	0,001	33,3101	35,4657	0,01901	8,38527	19,9396	0,47565	1,48027	6,6349	0,26164	2	1
21.03.2018	90,6905	54,6847	0,001	33,5846	35,4657	0,01762	8,83709	19,9396	0,43128	1,57061	6,6349	0,22729	2	1
22.03.2018	91,0321	54,6847	0,001	33,4865	35,4657	0,01812	8,65944	19,9396	0,44873	1,44478	6,6349	0,27513	2	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test															
Maximum Eigen Value Test Stat															
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
4.01.2018	23,371	37,4853	0,4285	19,3842	30,8346	0,31021	10,9745	23,9774	0,55275	4,83201	16,5569	0,65418	0	0	1
5.01.2018	54,1789	37,4853	0,001	22,6529	30,8346	0,12423	13,6954	23,9774	0,3072	3,40374	16,5569	0,82548	1	1	1
6.01.2018	101,204	37,4853	0,001	22,1851	30,8346	0,14115	10,2528	23,9774	0,61787	4,50656	16,5569	0,69245	1	1	2
7.01.2018	102,975	37,4853	0,001	17,5681	30,8346	0,45058	10,273	23,9774	0,61605	5,52179	16,5569	0,57307	1	1	2
8.01.2018	101,373	37,4853	0,001	18,2674	30,8346	0,39653	8,15998	23,9774	0,80682	4,58061	16,5569	0,68374	1	1	2
9.01.2018	100,167	37,4853	0,001	18,3505	30,8346	0,39011	8,81496	23,9774	0,74763	4,59062	16,5569	0,68257	1	1	2
10.01.2018	81,169	37,4853	0,001	31,9829	30,8346	0,00716	14,0199	23,9774	0,27791	4,69406	16,5569	0,6704	2	2	2
11.01.2018	73,2214	37,4853	0,001	35,3772	30,8346	0,00275	10,7703	23,9774	0,57118	4,22461	16,5569	0,7256	2	2	2
12.01.2018	73,9375	37,4853	0,001	32,8452	30,8346	0,00503	11,5988	23,9774	0,49641	4,29133	16,5569	0,71776	2	2	2
13.01.2018	67,7474	37,4853	0,001	36,5379	30,8346	0,00172	11,592	23,9774	0,49702	4,93801	16,5569	0,64172	2	2	2
14.01.2018	73,4932	37,4853	0,001	37,4346	30,8346	0,001	9,05844	23,9774	0,72566	5,07162	16,5569	0,62601	2	2	2
15.01.2018	74,4909	37,4853	0,001	34,064	30,8346	0,00392	16,7368	23,9774	0,117	5,09662	16,5569	0,62307	2	2	2
16.01.2018	75,4605	37,4853	0,001	36,9729	30,8346	0,00133	21,0585	23,9774	0,02844	5,5204	16,5569	0,57324	3	2	2
17.01.2018	71,8504	37,4853	0,001	35,5395	30,8346	0,00261	12,9249	23,9774	0,37673	5,29297	16,5569	0,59998	2	2	2
18.01.2018	81,0649	37,4853	0,001	36,8978	30,8346	0,0014	13,889	23,9774	0,28973	4,13674	16,5569	0,73594	2	2	2
19.01.2018	76,3445	37,4853	0,001	35,7932	30,8346	0,00238	14,0361	23,9774	0,27645	4,72857	16,5569	0,66634	2	2	2
20.01.2018	65,1769	37,4853	0,001	35,0398	30,8346	0,00305	13,7026	23,9774	0,30655	4,55277	16,5569	0,68702	2	2	2
21.01.2018	69,2465	37,4853	0,001	34,5626	30,8346	0,00348	13,8795	23,9774	0,29059	4,76927	16,5569	0,66156	2	2	2
22.01.2018	65,1571	37,4853	0,001	31,9917	30,8346	0,00714	13,9481	23,9774	0,28439	5,13437	16,5569	0,61863	2	2	2
23.01.2018	66,5471	37,4853	0,001	31,6099	30,8346	0,00808	14,1432	23,9774	0,26679	5,25163	16,5569	0,60484	2	2	2
24.01.2018	67,5416	37,4853	0,001	32,0285	30,8346	0,00705	14,2099	23,9774	0,26077	5,23434	16,5569	0,60687	2	2	2
25.01.2018	66,9569	37,4853	0,001	31,1988	30,8346	0,0091	13,3817	23,9774	0,33551	5,39204	16,5569	0,58833	2	2	2
26.01.2018	65,5694	37,4853	0,001	29,4198	30,8346	0,01619	13,936	23,9774	0,28549	5,50127	16,5569	0,57549	2	1	2
27.01.2018	57,351	37,4853	0,001	24,7294	30,8346	0,06922	13,3902	23,9774	0,33474	5,17008	16,5569	0,61443	1	1	2
28.01.2018	59,2692	37,4853	0,001	23,5287	30,8346	0,09759	15,3031	23,9774	0,17787	4,61705	16,5569	0,67946	1	1	2
29.01.2018	60,5111	37,4853	0,001	22,3343	30,8346	0,1357	13,5776	23,9774	0,31783	4,89729	16,5569	0,64651	1	1	2
30.01.2018	37,72	37,4853	0,00945	19,9504	30,8346	0,26645	9,36112	23,9774	0,69835	5,96106	16,5569	0,52142	1	1	1
31.01.2018	37,3776	37,4853	0,01042	19,2086	30,8346	0,32378	9,54625	23,9774	0,68164	5,99464	16,5569	0,51747	1	0	1
1.02.2018	35,2358	37,4853	0,02012	19,3493	30,8346	0,31291	8,02195	23,9774	0,81943	6,20602	16,5569	0,49262	1	0	1
2.02.2018	35,3975	37,4853	0,01923	19,0049	30,8346	0,33952	8,35922	23,9774	0,78876	6,27558	16,5569	0,48444	1	0	1
3.02.2018	35,161	37,4853	0,02062	17,9848	30,8346	0,41837	7,54771	23,9774	0,85973	6,26571	16,5569	0,4856	1	0	1
4.02.2018	35,0287	37,4853	0,02151	19,2765	30,8346	0,31854	6,64022	23,9774	0,92352	6,06275	16,5569	0,50947	1	0	1
5.02.2018	32,897	37,4853	0,0401	19,8577	30,8346	0,27361	6,88414	23,9774	0,90843	5,63722	16,5569	0,5595	1	0	1
6.02.2018	33,4241	37,4853	0,03447	18,8042	30,8346	0,35504	7,07347	23,9774	0,89548	6,4999	16,5569	0,45806	1	0	1
7.02.2018	33,8972	37,4853	0,02998	19,743	30,8346	0,28248	6,85707	23,9774	0,91019	5,63069	16,5569	0,56027	1	0	1
8.02.2018	34,1968	37,4853	0,02755	19,526	30,8346	0,29925	6,80302	23,9774	0,91361	5,50325	16,5569	0,57525	1	0	1
9.02.2018	34,623	37,4853	0,02424	19,7381	30,8346	0,28285	6,83445	23,9774	0,91162	6,15021	16,5569	0,49918	1	0	1
10.02.2018	34,7298	37,4853	0,02352	20,1714	30,8346	0,24936	7,10653	23,9774	0,89309	5,66824	16,5569	0,55585	1	0	1

11.02.2018	35,1336	37,4853	0,0208	20,4415	30,8346	0,22849	7,13673	23,9774	0,8909	5,54556	16,5569	0,57028	1	0	1
12.02.2018	35,4998	37,4853	0,01868	20,509	30,8346	0,22328	7,14978	23,9774	0,88996	5,824	16,5569	0,53754	1	0	1
13.02.2018	35,8403	37,4853	0,01686	20,8512	30,8346	0,19808	7,2828	23,9774	0,88033	5,58894	16,5569	0,56518	1	0	1
14.02.2018	36,2097	37,4853	0,01492	21,0367	30,8346	0,18938	7,38937	23,9774	0,87237	6,20063	16,5569	0,49325	1	0	1
15.02.2018	36,5556	37,4853	0,01359	21,2679	30,8346	0,17855	7,60129	23,9774	0,85546	6,0025	16,5569	0,51655	1	0	1
16.02.2018	36,8165	37,4853	0,01258	21,3876	30,8346	0,17316	7,66378	23,9774	0,85047	6,12168	16,5569	0,50254	1	0	1
17.02.2018	36,9069	37,4853	0,01223	21,4828	30,8346	0,16919	7,69568	23,9774	0,84777	6,31831	16,5569	0,47942	1	0	1
18.02.2018	37,4854	37,4853	0,01	21,4815	30,8346	0,16924	7,78344	23,9774	0,84024	5,96919	16,5569	0,52047	1	1	1
19.02.2018	37,506	37,4853	0,00995	21,6208	30,8346	0,16343	7,81692	23,9774	0,83737	6,17475	16,5569	0,4963	1	1	1
20.02.2018	38,0686	37,4853	0,00865	21,349	30,8346	0,17477	7,82318	23,9774	0,83683	5,90858	16,5569	0,52759	1	1	1
21.02.2018	38,583	37,4853	0,00745	21,9054	30,8346	0,15155	7,95136	23,9774	0,82583	5,86638	16,5569	0,53256	1	1	1
22.02.2018	38,9739	37,4853	0,00654	22,0489	30,8346	0,14611	8,04013	23,9774	0,81777	5,75631	16,5569	0,5455	1	1	1
23.02.2018	39,3197	37,4853	0,00574	22,4082	30,8346	0,13301	8,12643	23,9774	0,80989	6,03274	16,5569	0,51299	1	1	1
24.02.2018	39,5663	37,4853	0,00517	22,5153	30,8346	0,1291	8,19269	23,9774	0,80384	5,96625	16,5569	0,52081	1	1	1
25.02.2018	39,9665	37,4853	0,00472	22,8224	30,8346	0,11902	8,27549	23,9774	0,79632	5,805	16,5569	0,53977	1	1	1
26.02.2018	40,2576	37,4853	0,00448	22,9889	30,8346	0,1139	8,35773	23,9774	0,7889	5,85075	16,5569	0,53439	1	1	1
27.02.2018	40,5499	37,4853	0,00423	23,1549	30,8346	0,10879	8,5531	23,9774	0,77127	6,06623	16,5569	0,50906	1	1	1
28.02.2018	41,0421	37,4853	0,00382	23,1872	30,8346	0,1078	8,6958	23,9774	0,75839	6,05493	16,5569	0,51038	1	1	1
1.03.2018	41,288	37,4853	0,00361	23,3337	30,8346	0,10329	8,75477	23,9774	0,75307	6,09219	16,5569	0,506	1	1	1
2.03.2018	41,5952	37,4853	0,00335	23,4202	30,8346	0,10063	8,80178	23,9774	0,74882	6,01629	16,5569	0,51493	1	1	1
3.03.2018	41,9897	37,4853	0,00302	23,3364	30,8346	0,10321	8,86809	23,9774	0,74284	6,1344	16,5569	0,50104	1	1	1
4.03.2018	42,4027	37,4853	0,00267	23,5895	30,8346	0,09593	8,96116	23,9774	0,73444	6,20084	16,5569	0,49323	1	1	1
5.03.2018	42,8102	37,4853	0,00233	23,5252	30,8346	0,09769	9,00079	23,9774	0,73086	6,23462	16,5569	0,48926	1	1	1
6.03.2018	43,2126	37,4853	0,00199	23,3603	30,8346	0,10247	9,0459	23,9774	0,72679	6,0425	16,5569	0,51185	1	1	1
7.03.2018	43,5657	37,4853	0,00169	23,7499	30,8346	0,0917	9,17371	23,9774	0,71526	5,91721	16,5569	0,52658	1	1	1
8.03.2018	43,9431	37,4853	0,00138	23,9512	30,8346	0,08661	9,21996	23,9774	0,71109	5,76262	16,5569	0,54476	1	1	1
9.03.2018	44,2778	37,4853	0,00109	24,2062	30,8346	0,08052	9,15762	23,9774	0,71671	5,84026	16,5569	0,53563	1	1	1
10.03.2018	82,2594	37,4853	0,001	24,0214	30,8346	0,08487	8,92395	23,9774	0,7378	5,77173	16,5569	0,54369	1	1	2
11.03.2018	83,0343	37,4853	0,001	24,2411	30,8346	0,07971	8,92194	23,9774	0,73798	6,02115	16,5569	0,51436	1	1	2
12.03.2018	83,5525	37,4853	0,001	24,4356	30,8346	0,07537	9,02012	23,9774	0,72912	5,74021	16,5569	0,54739	1	1	2
13.03.2018	84,4217	37,4853	0,001	24,6374	30,8346	0,07111	9,47555	23,9774	0,68802	6,60276	16,5569	0,44597	1	1	2
14.03.2018	45,6386	37,4853	0,001	25,0713	30,8346	0,06263	9,87718	23,9774	0,65177	5,79196	16,5569	0,54131	1	1	1
15.03.2018	45,9856	37,4853	0,001	25,3829	30,8346	0,0571	9,95594	23,9774	0,64467	5,93874	16,5569	0,52405	1	1	1
16.03.2018	46,3595	37,4853	0,001	25,4109	30,8346	0,05662	10,0588	23,9774	0,63538	6,00911	16,5569	0,51577	1	1	1
17.03.2018	86,6914	37,4853	0,001	24,7402	30,8346	0,06901	9,90859	23,9774	0,64894	6,53142	16,5569	0,45436	1	1	2
18.03.2018	87,3176	37,4853	0,001	24,7771	30,8346	0,06828	9,98595	23,9774	0,64196	6,55655	16,5569	0,4514	1	1	2
19.03.2018	87,585	37,4853	0,001	25,0844	30,8346	0,06239	10,0636	23,9774	0,63495	6,46538	16,5569	0,46212	1	1	2
20.03.2018	87,283	37,4853	0,001	25,325	30,8346	0,05809	10,1252	23,9774	0,62939	6,47379	16,5569	0,46113	1	1	2
21.03.2018	87,369	37,4853	0,001	25,3087	30,8346	0,05837	10,0862	23,9774	0,63291	6,72517	16,5569	0,43157	1	1	2
22.03.2018	88,0592	37,4853	0,001	25,4211	30,8346	0,05644	10,2368	23,9774	0,61932	6,72635	16,5569	0,43144	1	1	2

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
4.01.2018	58,5617	71,4894	0,12936	35,1907	49,3657	0,25184	15,8065	31,1526	0,53926	4,83201	16,5569	0,65418	0	0
5.01.2018	93,9309	71,4894	0,001	39,752	49,3657	0,10007	17,0991	31,1526	0,44653	3,40374	16,5569	0,82548	1	1
6.01.2018	138,149	71,4894	0,001	36,9445	49,3657	0,17396	14,7594	31,1526	0,61437	4,50656	16,5569	0,69245	1	1
7.01.2018	136,338	71,4894	0,001	33,3629	49,3657	0,3482	15,7948	31,1526	0,54009	5,52179	16,5569	0,57307	1	1
8.01.2018	132,381	71,4894	0,001	31,008	49,3657	0,47236	12,7406	31,1526	0,75918	4,58061	16,5569	0,68374	1	1
9.01.2018	131,923	71,4894	0,001	31,7561	49,3657	0,43292	13,4056	31,1526	0,71148	4,59062	16,5569	0,68257	1	1
10.01.2018	131,866	71,4894	0,001	50,6969	49,3657	0,00739	18,714	31,1526	0,33069	4,69406	16,5569	0,6704	2	2
11.01.2018	123,593	71,4894	0,001	50,3721	49,3657	0,00802	14,9949	31,1526	0,59748	4,22461	16,5569	0,7256	2	2
12.01.2018	122,673	71,4894	0,001	48,7353	49,3657	0,01203	15,8902	31,1526	0,53326	4,29133	16,5569	0,71776	2	1
13.01.2018	120,815	71,4894	0,001	53,068	49,3657	0,00416	16,53	31,1526	0,48735	4,93801	16,5569	0,64172	2	2
14.01.2018	125,058	71,4894	0,001	51,5646	49,3657	0,00568	14,1301	31,1526	0,65951	5,07162	16,5569	0,62601	2	2
15.01.2018	130,388	71,4894	0,001	55,8974	49,3657	0,00211	21,8335	31,1526	0,14694	5,09662	16,5569	0,62307	2	2
16.01.2018	139,012	71,4894	0,001	63,5519	49,3657	0,001	26,5789	31,1526	0,04084	5,5204	16,5569	0,57324	3	2
17.01.2018	125,608	71,4894	0,001	53,7574	49,3657	0,00366	18,2179	31,1526	0,36628	5,29297	16,5569	0,59998	2	2
18.01.2018	135,988	71,4894	0,001	54,9235	49,3657	0,00282	18,0258	31,1526	0,38006	4,13674	16,5569	0,73594	2	2
19.01.2018	130,902	71,4894	0,001	54,5578	49,3657	0,00308	18,7647	31,1526	0,32706	4,72857	16,5569	0,66634	2	2
20.01.2018	118,472	71,4894	0,001	53,2952	49,3657	0,004	18,2554	31,1526	0,36359	4,55277	16,5569	0,68702	2	2
21.01.2018	122,458	71,4894	0,001	53,2113	49,3657	0,00406	18,6488	31,1526	0,33537	4,76927	16,5569	0,66156	2	2
22.01.2018	116,231	71,4894	0,001	51,0741	49,3657	0,00665	19,0825	31,1526	0,30426	5,13437	16,5569	0,61863	2	2
23.01.2018	117,552	71,4894	0,001	51,0048	49,3657	0,00678	19,3948	31,1526	0,28185	5,25163	16,5569	0,60484	2	2
24.01.2018	119,014	71,4894	0,001	51,4727	49,3657	0,00586	19,4442	31,1526	0,27831	5,23434	16,5569	0,60687	2	2
25.01.2018	116,929	71,4894	0,001	49,9725	49,3657	0,00881	18,7737	31,1526	0,32641	5,39204	16,5569	0,58833	2	2
26.01.2018	114,426	71,4894	0,001	48,8571	49,3657	0,01164	19,4373	31,1526	0,27881	5,50127	16,5569	0,57549	2	1
27.01.2018	100,641	71,4894	0,001	43,2897	49,3657	0,04587	18,5603	31,1526	0,34172	5,17008	16,5569	0,61443	2	1
28.01.2018	102,718	71,4894	0,001	43,4488	49,3657	0,0442	19,9201	31,1526	0,24417	4,61705	16,5569	0,67946	2	1
29.01.2018	101,32	71,4894	0,001	40,8092	49,3657	0,08001	18,4749	31,1526	0,34784	4,89729	16,5569	0,64651	1	1
30.01.2018	72,9925	71,4894	0,00747	35,2725	49,3657	0,24753	15,3222	31,1526	0,574	5,96106	16,5569	0,52142	1	1
31.01.2018	72,1271	71,4894	0,00893	34,7495	49,3657	0,2751	15,5409	31,1526	0,55831	5,99464	16,5569	0,51747	1	1
1.02.2018	68,813	71,4894	0,01829	33,5772	49,3657	0,33691	14,228	31,1526	0,65249	6,20602	16,5569	0,49262	1	0
2.02.2018	69,0373	71,4894	0,01744	33,6397	49,3657	0,33361	14,6348	31,1526	0,62331	6,27558	16,5569	0,48444	1	0
3.02.2018	66,9592	71,4894	0,027	31,7982	49,3657	0,4307	13,8134	31,1526	0,68223	6,26571	16,5569	0,4856	1	0
4.02.2018	67,0081	71,4894	0,02672	31,9794	49,3657	0,42114	12,703	31,1526	0,76188	6,06275	16,5569	0,50947	1	0
5.02.2018	65,276	71,4894	0,03802	32,379	49,3657	0,40008	12,5214	31,1526	0,77491	5,63722	16,5569	0,5595	1	0
6.02.2018	65,8017	71,4894	0,03418	32,3776	49,3657	0,40015	13,5734	31,1526	0,69945	6,4999	16,5569	0,45806	1	0
7.02.2018	66,1279	71,4894	0,03202	32,2308	49,3657	0,40789	12,4878	31,1526	0,77732	5,63069	16,5569	0,56027	1	0
8.02.2018	66,0291	71,4894	0,03267	31,8323	49,3657	0,4289	12,3063	31,1526	0,79034	5,50325	16,5569	0,57525	1	0
9.02.2018	67,3458	71,4894	0,02482	32,7228	49,3657	0,38195	12,9847	31,1526	0,74168	6,15021	16,5569	0,49918	1	0
10.02.2018	67,676	71,4894	0,02325	32,9462	49,3657	0,37017	12,7748	31,1526	0,75673	5,66824	16,5569	0,55585	1	0

11.02.2018	68,2574	71,4894	0,02049	33,1238	49,3657	0,36081	12,6823	31,1526	0,76337	5,54556	16,5569	0,57028	1	0
12.02.2018	68,9825	71,4894	0,01765	33,4827	49,3657	0,34189	12,9738	31,1526	0,74246	5,824	16,5569	0,53754	1	0
13.02.2018	69,5632	71,4894	0,01545	33,7229	49,3657	0,32923	12,8717	31,1526	0,74978	5,58894	16,5569	0,56518	1	0
14.02.2018	70,8364	71,4894	0,01181	34,6267	49,3657	0,28158	13,59	31,1526	0,69825	6,20063	16,5569	0,49325	1	0
15.02.2018	71,4274	71,4894	0,01017	34,8717	49,3657	0,26866	13,6038	31,1526	0,69726	6,0025	16,5569	0,51655	1	0
16.02.2018	71,9896	71,4894	0,00916	35,1731	49,3657	0,25277	13,7855	31,1526	0,68423	6,12168	16,5569	0,50254	1	1
17.02.2018	72,4037	71,4894	0,00846	35,4968	49,3657	0,2357	14,014	31,1526	0,66784	6,31831	16,5569	0,47942	1	1
18.02.2018	72,7196	71,4894	0,00793	35,2342	49,3657	0,24955	13,7526	31,1526	0,68659	5,96919	16,5569	0,52047	1	1
19.02.2018	73,1185	71,4894	0,00725	35,6124	49,3657	0,22961	13,9917	31,1526	0,66944	6,17475	16,5569	0,4963	1	1
20.02.2018	73,1494	71,4894	0,0072	35,0808	49,3657	0,25764	13,7318	31,1526	0,68808	5,90858	16,5569	0,52759	1	1
21.02.2018	74,3061	71,4894	0,00525	35,7231	49,3657	0,22377	13,8177	31,1526	0,68192	5,86638	16,5569	0,53256	1	1
22.02.2018	74,8193	71,4894	0,00477	35,8454	49,3657	0,21733	13,7964	31,1526	0,68344	5,75631	16,5569	0,5455	1	1
23.02.2018	75,887	71,4894	0,0041	36,5673	49,3657	0,18665	14,1592	31,1526	0,65742	6,03274	16,5569	0,51299	1	1
24.02.2018	76,2405	71,4894	0,00388	36,6742	49,3657	0,18302	14,1589	31,1526	0,65744	5,96625	16,5569	0,52081	1	1
25.02.2018	76,8694	71,4894	0,00348	36,9029	49,3657	0,17526	14,0805	31,1526	0,66307	5,805	16,5569	0,53977	1	1
26.02.2018	77,455	71,4894	0,00311	37,1974	49,3657	0,16623	14,2085	31,1526	0,65389	5,85075	16,5569	0,53439	1	1
27.02.2018	78,3241	71,4894	0,00257	37,7742	49,3657	0,14876	14,6193	31,1526	0,62442	6,06623	16,5569	0,50906	1	1
28.02.2018	78,98	71,4894	0,00215	37,9379	49,3657	0,14437	14,7507	31,1526	0,61499	6,05493	16,5569	0,51038	1	1
1.03.2018	79,4686	71,4894	0,00185	38,1806	49,3657	0,13785	14,847	31,1526	0,60809	6,09219	16,5569	0,506	1	1
2.03.2018	79,8335	71,4894	0,00162	38,2383	49,3657	0,1363	14,8181	31,1526	0,61016	6,01629	16,5569	0,51493	1	1
3.03.2018	80,3285	71,4894	0,00131	38,3388	49,3657	0,1336	15,0025	31,1526	0,59693	6,1344	16,5569	0,50104	1	1
4.03.2018	81,1542	71,4894	0,001	38,7515	49,3657	0,1229	15,162	31,1526	0,58549	6,20084	16,5569	0,49323	1	1
5.03.2018	81,5708	71,4894	0,001	38,7606	49,3657	0,12269	15,2354	31,1526	0,58022	6,23462	16,5569	0,48926	1	1
6.03.2018	81,6614	71,4894	0,001	38,4487	49,3657	0,13065	15,0884	31,1526	0,59077	6,0425	16,5569	0,51185	1	1
7.03.2018	82,4066	71,4894	0,001	38,8409	49,3657	0,12086	15,0909	31,1526	0,59059	5,91721	16,5569	0,52658	1	1
8.03.2018	82,8769	71,4894	0,001	38,9338	49,3657	0,11874	14,9826	31,1526	0,59836	5,76262	16,5569	0,54476	1	1
9.03.2018	83,4818	71,4894	0,001	39,204	49,3657	0,11257	14,9979	31,1526	0,59726	5,84026	16,5569	0,53563	1	1
10.03.2018	120,976	71,4894	0,001	38,7171	49,3657	0,12368	14,6957	31,1526	0,61894	5,77173	16,5569	0,54369	1	1
11.03.2018	122,218	71,4894	0,001	39,1842	49,3657	0,11302	14,9431	31,1526	0,60119	6,02115	16,5569	0,51436	1	1
12.03.2018	122,748	71,4894	0,001	39,196	49,3657	0,11275	14,7603	31,1526	0,6143	5,74021	16,5569	0,54739	1	1
13.03.2018	125,137	71,4894	0,001	40,7157	49,3657	0,08166	16,0783	31,1526	0,51976	6,60276	16,5569	0,44597	1	1
14.03.2018	86,379	71,4894	0,001	40,7404	49,3657	0,08123	15,6691	31,1526	0,54911	5,79196	16,5569	0,54131	1	1
15.03.2018	87,2632	71,4894	0,001	41,2776	49,3657	0,0723	15,8947	31,1526	0,53293	5,93874	16,5569	0,52405	1	1
16.03.2018	87,8383	71,4894	0,001	41,4788	49,3657	0,06916	16,0679	31,1526	0,5205	6,00911	16,5569	0,51577	1	1
17.03.2018	127,872	71,4894	0,001	41,1802	49,3657	0,07385	16,44	31,1526	0,49381	6,53142	16,5569	0,45436	1	1
18.03.2018	128,637	71,4894	0,001	41,3196	49,3657	0,07164	16,5425	31,1526	0,48646	6,55655	16,5569	0,4514	1	1
19.03.2018	129,198	71,4894	0,001	41,6134	49,3657	0,06715	16,529	31,1526	0,48743	6,46538	16,5569	0,46212	1	1
20.03.2018	129,207	71,4894	0,001	41,924	49,3657	0,06267	16,599	31,1526	0,48241	6,47379	16,5569	0,46113	1	1
21.03.2018	129,489	71,4894	0,001	42,1201	49,3657	0,05993	16,8114	31,1526	0,46717	6,72517	16,5569	0,43157	1	1
22.03.2018	130,443	71,4894	0,001	42,3843	49,3657	0,0565	16,9632	31,1526	0,45628	6,72635	16,5569	0,43144	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test															
Maximum Eigen Value Test Stat															
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
4.01.2018	23,3379	36,1943	0,342	19,3827	29,2649	0,19383	5,87541	21,7455	0,82839	2,58606	6,6349	0,10848	0	0	1
5.01.2018	44,6731	36,1943	0,001	22,5189	29,2649	0,08334	8,02212	21,7455	0,62882	0,27744	6,6349	0,71893	1	1	1
6.01.2018	93,0309	36,1943	0,001	19,677	29,2649	0,17994	10,2527	21,7455	0,42269	3,12884	6,6349	0,07696	1	1	2
7.01.2018	95,0161	36,1943	0,001	17,5187	29,2649	0,33516	10,2213	21,7455	0,4256	0,55485	6,6349	0,61346	1	1	2
8.01.2018	95,2835	36,1943	0,001	18,174	29,2649	0,28405	7,32355	21,7455	0,69337	2,92123	6,6349	0,08746	1	1	2
9.01.2018	89,7625	36,1943	0,001	18,207	29,2649	0,28149	7,30812	21,7455	0,6948	4,09529	6,6349	0,04308	1	1	2
10.01.2018	67,6446	36,1943	0,001	27,0756	29,2649	0,02066	13,8177	21,7455	0,14363	2,43237	6,6349	0,1194	2	1	2
11.01.2018	59,6267	36,1943	0,001	28,3618	29,2649	0,0137	7,79087	21,7455	0,65019	4,02802	6,6349	0,04476	2	1	2
12.01.2018	59,0829	36,1943	0,001	26,7409	29,2649	0,02308	9,23133	21,7455	0,51708	3,86753	6,6349	0,04927	2	1	2
13.01.2018	58,6238	36,1943	0,001	32,3009	29,2649	0,0041	10,6979	21,7455	0,38155	2,68535	6,6349	0,10143	2	2	2
14.01.2018	71,0899	36,1943	0,001	31,6752	29,2649	0,00466	8,44453	21,7455	0,58979	2,70803	6,6349	0,09985	2	2	2
15.01.2018	72,4043	36,1943	0,001	32,3676	29,2649	0,00404	16,0075	21,7455	0,0727	3,64567	6,6349	0,05626	2	2	2
16.01.2018	74,3747	36,1943	0,001	36,9654	29,2649	0,001	18,0543	21,7455	0,03694	3,41214	6,6349	0,06473	3	2	2
17.01.2018	69,0906	36,1943	0,001	35,2496	29,2649	0,00147	12,9248	21,7455	0,18605	3,87596	6,6349	0,04903	2	2	2
18.01.2018	80,5349	36,1943	0,001	36,8848	29,2649	0,001	13,8679	21,7455	0,14157	3,96032	6,6349	0,04665	2	2	2
19.01.2018	76,0067	36,1943	0,001	35,7765	29,2649	0,001	13,9986	21,7455	0,13622	4,2173	6,6349	0,04002	2	2	2
20.01.2018	64,495	36,1943	0,001	35,036	29,2649	0,00166	13,6692	21,7455	0,14972	4,21527	6,6349	0,04007	2	2	2
21.01.2018	69,0554	36,1943	0,001	34,5626	29,2649	0,00208	13,7028	21,7455	0,14834	4,30443	6,6349	0,0381	2	2	2
22.01.2018	64,9932	36,1943	0,001	31,9851	29,2649	0,00438	13,8027	21,7455	0,14424	4,34414	6,6349	0,03722	2	2	2
23.01.2018	66,4877	36,1943	0,001	31,6003	29,2649	0,00472	14,0948	21,7455	0,13228	4,39042	6,6349	0,0362	2	2	2
24.01.2018	67,5249	36,1943	0,001	32,0281	29,2649	0,00434	14,1436	21,7455	0,13027	4,49487	6,6349	0,03406	2	2	2
25.01.2018	66,9496	36,1943	0,001	31,1987	29,2649	0,00523	13,2406	21,7455	0,16989	4,49934	6,6349	0,03397	2	2	2
26.01.2018	65,5605	36,1943	0,001	29,4091	29,2649	0,00964	13,8781	21,7455	0,14116	4,52645	6,6349	0,03346	2	2	2
27.01.2018	57,256	36,1943	0,001	24,4944	29,2649	0,04651	13,1699	21,7455	0,17323	4,75413	6,6349	0,02929	2	1	2
28.01.2018	59,2557	36,1943	0,001	23,2425	29,2649	0,06758	15,2521	21,7455	0,09247	4,54048	6,6349	0,0332	1	1	2
29.01.2018	60,492	36,1943	0,001	22,1485	29,2649	0,09258	13,4144	21,7455	0,16169	4,73777	6,6349	0,02955	1	1	2
30.01.2018	37,7199	36,1943	0,00647	19,9035	29,2649	0,16991	9,08472	21,7455	0,53063	5,38644	6,6349	0,02033	1	1	1
31.01.2018	37,3772	36,1943	0,00726	19,0891	29,2649	0,21269	9,28608	21,7455	0,51202	5,5133	6,6349	0,019	1	1	1
1.02.2018	35,227	36,1943	0,01372	19,311	29,2649	0,19721	7,77829	21,7455	0,65135	5,28756	6,6349	0,0216	1	0	1
2.02.2018	35,3955	36,1943	0,01307	18,9712	29,2649	0,22189	8,26648	21,7455	0,60624	5,15562	6,6349	0,0233	1	0	1
3.02.2018	35,1592	36,1943	0,01398	17,9078	29,2649	0,30481	7,15547	21,7455	0,70891	5,64299	6,6349	0,01771	1	0	1
4.02.2018	35,0261	36,1943	0,01449	19,2758	29,2649	0,19887	6,57924	21,7455	0,76216	4,69633	6,6349	0,03025	1	0	1
5.02.2018	32,8417	36,1943	0,02796	19,8498	29,2649	0,17215	6,71456	21,7455	0,74965	4,14937	6,6349	0,04172	1	0	1
6.02.2018	33,391	36,1943	0,02376	18,7729	29,2649	0,23736	7,07333	21,7455	0,7165	5,33157	6,6349	0,02104	1	0	1
7.02.2018	33,8847	36,1943	0,02045	19,741	29,2649	0,17693	6,52158	21,7455	0,76748	4,57154	6,6349	0,03261	1	0	1
8.02.2018	34,1832	36,1943	0,01877	19,5234	29,2649	0,18719	6,34811	21,7455	0,78351	4,70585	6,6349	0,03007	1	0	1
9.02.2018	34,6223	36,1943	0,01644	19,7371	29,2649	0,17711	6,48285	21,7455	0,77106	5,5188	6,6349	0,01894	1	0	1
10.02.2018	34,7263	36,1943	0,01588	20,1654	29,2649	0,15895	6,64836	21,7455	0,75577	4,83365	6,6349	0,02802	1	0	1

11.02.2018	35,1239	36,1943	0,01411	20,4259	29,2649	0,14829	6,62908	21,7455	0,75755	4,78176	6,6349	0,02885	1	0	1
12.02.2018	35,4896	36,1943	0,01271	20,5089	29,2649	0,14526	6,65358	21,7455	0,75529	5,26476	6,6349	0,0219	1	0	1
13.02.2018	35,8223	36,1943	0,01143	20,8416	29,2649	0,13312	6,7193	21,7455	0,74921	4,97483	6,6349	0,02578	1	0	1
14.02.2018	36,2057	36,1943	0,00997	21,0348	29,2649	0,12606	6,89098	21,7455	0,73335	5,72001	6,6349	0,01695	1	1	1
15.02.2018	36,5549	36,1943	0,00917	21,2563	29,2649	0,11905	7,01399	21,7455	0,72198	5,41463	6,6349	0,01997	1	1	1
16.02.2018	36,8158	36,1943	0,00856	21,3613	29,2649	0,11581	7,07471	21,7455	0,71637	5,60998	6,6349	0,01804	1	1	1
17.02.2018	36,9067	36,1943	0,00835	21,4378	29,2649	0,11345	7,12874	21,7455	0,71138	5,9455	6,6349	0,0148	1	1	1
18.02.2018	37,4795	36,1943	0,00703	21,42	29,2649	0,114	7,17208	21,7455	0,70737	5,45803	6,6349	0,01954	1	1	1
19.02.2018	37,5031	36,1943	0,00697	21,5576	29,2649	0,10975	7,23736	21,7455	0,70134	5,8149	6,6349	0,01601	1	1	1
20.02.2018	38,0443	36,1943	0,00572	21,2191	29,2649	0,1202	7,25503	21,7455	0,69971	5,50124	6,6349	0,01911	1	1	1
21.02.2018	38,5328	36,1943	0,00485	21,8484	29,2649	0,10077	7,33118	21,7455	0,69267	5,40616	6,6349	0,02007	1	1	1
22.02.2018	38,9118	36,1943	0,00453	21,9909	29,2649	0,09678	7,38294	21,7455	0,68789	5,26576	6,6349	0,02188	1	1	1
23.02.2018	39,2741	36,1943	0,00422	22,3862	29,2649	0,08655	7,46485	21,7455	0,68032	5,64797	6,6349	0,01766	1	1	1
24.02.2018	39,4773	36,1943	0,00405	22,4585	29,2649	0,08477	7,50974	21,7455	0,67617	5,5856	6,6349	0,01828	1	1	1
25.02.2018	39,9138	36,1943	0,00368	22,7916	29,2649	0,07706	7,56833	21,7455	0,67075	5,37929	6,6349	0,02042	1	1	1
26.02.2018	40,2364	36,1943	0,00341	22,9564	29,2649	0,07346	7,6331	21,7455	0,66477	5,45341	6,6349	0,01959	1	1	1
27.02.2018	40,5373	36,1943	0,00316	23,0959	29,2649	0,07051	7,72514	21,7455	0,65626	5,68617	6,6349	0,01728	1	1	1
28.02.2018	41,0081	36,1943	0,00276	23,0948	29,2649	0,07054	7,78525	21,7455	0,65071	5,60873	6,6349	0,01805	1	1	1
1.03.2018	41,2529	36,1943	0,00255	23,2462	29,2649	0,06751	7,87984	21,7455	0,64197	5,69352	6,6349	0,01721	1	1	1
2.03.2018	41,5553	36,1943	0,0023	23,3303	29,2649	0,06584	7,97465	21,7455	0,63321	5,60994	6,6349	0,01804	1	1	1
3.03.2018	41,9369	36,1943	0,00198	23,2129	29,2649	0,06817	8,0491	21,7455	0,62633	5,7959	6,6349	0,01619	1	1	1
4.03.2018	42,3325	36,1943	0,00164	23,4928	29,2649	0,0628	8,11677	21,7455	0,62007	5,88363	6,6349	0,01533	1	1	1
5.03.2018	42,7225	36,1943	0,00131	23,4066	29,2649	0,06438	8,18832	21,7455	0,61346	5,94836	6,6349	0,01478	1	1	1
6.03.2018	43,0976	36,1943	0,001	23,2171	29,2649	0,06808	8,26367	21,7455	0,6065	5,67746	6,6349	0,01737	1	1	1
7.03.2018	43,4542	36,1943	0,001	23,6621	29,2649	0,05971	8,33231	21,7455	0,60016	5,46221	6,6349	0,0195	1	1	1
8.03.2018	43,8028	36,1943	0,001	23,8755	29,2649	0,05605	8,38889	21,7455	0,59493	5,25377	6,6349	0,02204	1	1	1
9.03.2018	44,1259	36,1943	0,001	24,1519	29,2649	0,0516	8,4319	21,7455	0,59095	5,44027	6,6349	0,01972	1	1	1
10.03.2018	81,6676	36,1943	0,001	24,0059	29,2649	0,05391	8,01877	21,7455	0,62913	5,33423	6,6349	0,021	1	1	2
11.03.2018	82,5248	36,1943	0,001	24,2355	29,2649	0,05028	8,07083	21,7455	0,62432	5,7278	6,6349	0,01687	1	1	2
12.03.2018	83,0251	36,1943	0,001	24,4301	29,2649	0,04744	8,13011	21,7455	0,61884	5,3616	6,6349	0,02065	2	1	2
13.03.2018	84,0623	36,1943	0,001	24,628	29,2649	0,04462	8,3217	21,7455	0,60114	6,29251	6,6349	0,01238	2	1	2
14.03.2018	45,5429	36,1943	0,001	24,9369	29,2649	0,04058	8,78134	21,7455	0,55866	5,28002	6,6349	0,0217	2	1	1
15.03.2018	45,8822	36,1943	0,001	25,2794	29,2649	0,03654	8,88409	21,7455	0,54917	5,55231	6,6349	0,01861	2	1	1
16.03.2018	46,245	36,1943	0,001	25,2814	29,2649	0,03651	8,92098	21,7455	0,54576	5,6351	6,6349	0,01779	2	1	1
17.03.2018	85,9964	36,1943	0,001	24,6977	29,2649	0,04371	8,46822	21,7455	0,5876	5,9993	6,6349	0,01442	2	1	2
18.03.2018	86,6711	36,1943	0,001	24,7326	29,2649	0,04325	8,58683	21,7455	0,57664	6,05511	6,6349	0,01404	2	1	2
19.03.2018	87,0114	36,1943	0,001	25,0584	29,2649	0,0391	8,77005	21,7455	0,55971	5,9111	6,6349	0,01505	2	1	2
20.03.2018	86,8256	36,1943	0,001	25,3078	29,2649	0,03621	8,93353	21,7455	0,5446	5,97605	6,6349	0,01459	2	1	2
21.03.2018	86,9517	36,1943	0,001	25,2621	29,2649	0,03674	9,1049	21,7455	0,52876	6,47231	6,6349	0,01113	2	1	2
22.03.2018	87,6005	36,1943	0,001	25,3676	29,2649	0,03551	9,14249	21,7455	0,52529	6,42978	6,6349	0,01143	2	1	2

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
4.01.2018	51,1821	62,5225	0,1093	27,8442	41,0722	0,25231	8,46147	23,1574	0,65626	2,58606	6,6349	0,10848	0	0
5.01.2018	75,4916	62,5225	0,001	30,8185	41,0722	0,13156	8,29956	23,1574	0,67032	0,27744	6,6349	0,71893	1	1
6.01.2018	126,089	62,5225	0,001	33,0585	41,0722	0,07982	13,3816	23,1574	0,22885	3,12884	6,6349	0,07696	1	1
7.01.2018	123,311	62,5225	0,001	28,2949	41,0722	0,22607	10,7761	23,1574	0,45518	0,55485	6,6349	0,61346	1	1
8.01.2018	123,702	62,5225	0,001	28,4188	41,0722	0,21886	10,2448	23,1574	0,50134	2,92123	6,6349	0,08746	1	1
9.01.2018	119,373	62,5225	0,001	29,6104	41,0722	0,16874	11,4034	23,1574	0,40069	4,09529	6,6349	0,04308	1	1
10.01.2018	110,97	62,5225	0,001	43,3257	41,0722	0,0053	16,2501	23,1574	0,09741	2,43237	6,6349	0,1194	2	2
11.01.2018	99,8074	62,5225	0,001	40,1807	41,0722	0,01307	11,8189	23,1574	0,3646	4,02802	6,6349	0,04476	2	1
12.01.2018	98,9226	62,5225	0,001	39,8397	41,0722	0,01424	13,0989	23,1574	0,2534	3,86753	6,6349	0,04927	2	1
13.01.2018	104,308	62,5225	0,001	45,6842	41,0722	0,00332	13,3833	23,1574	0,2287	2,68535	6,6349	0,10143	2	2
14.01.2018	113,918	62,5225	0,001	42,8278	41,0722	0,00634	11,1526	23,1574	0,42248	2,70803	6,6349	0,09985	2	2
15.01.2018	124,425	62,5225	0,001	52,0208	41,0722	0,001	19,6532	23,1574	0,03333	3,64567	6,6349	0,05626	3	2
16.01.2018	132,806	62,5225	0,001	58,4318	41,0722	0,001	21,4664	23,1574	0,01819	3,41214	6,6349	0,06473	3	2
17.01.2018	121,141	62,5225	0,001	52,0504	41,0722	0,001	16,8007	23,1574	0,08248	3,87596	6,6349	0,04903	2	2
18.01.2018	135,248	62,5225	0,001	54,7131	41,0722	0,001	17,8282	23,1574	0,05991	3,96032	6,6349	0,04665	2	2
19.01.2018	129,999	62,5225	0,001	53,9923	41,0722	0,001	18,2159	23,1574	0,05303	4,2173	6,6349	0,04002	2	2
20.01.2018	117,415	62,5225	0,001	52,9204	41,0722	0,001	17,8845	23,1574	0,05889	4,21527	6,6349	0,04007	2	2
21.01.2018	121,625	62,5225	0,001	52,5698	41,0722	0,001	18,0073	23,1574	0,05665	4,30443	6,6349	0,0381	2	2
22.01.2018	115,125	62,5225	0,001	50,132	41,0722	0,001	18,1469	23,1574	0,05418	4,34414	6,6349	0,03722	2	2
23.01.2018	116,573	62,5225	0,001	50,0855	41,0722	0,001	18,4852	23,1574	0,04865	4,39042	6,6349	0,0362	4	2
24.01.2018	118,191	62,5225	0,001	50,6666	41,0722	0,001	18,6385	23,1574	0,04631	4,49487	6,6349	0,03406	4	2
25.01.2018	115,888	62,5225	0,001	48,9386	41,0722	0,001	17,7399	23,1574	0,06163	4,49934	6,6349	0,03397	2	2
26.01.2018	113,374	62,5225	0,001	47,8137	41,0722	0,0017	18,4045	23,1574	0,04988	4,52645	6,6349	0,03346	4	2
27.01.2018	99,6744	62,5225	0,001	42,4184	41,0722	0,00719	17,924	23,1574	0,05817	4,75413	6,6349	0,02929	2	2
28.01.2018	102,291	62,5225	0,001	43,0351	41,0722	0,00591	19,7926	23,1574	0,03184	4,54048	6,6349	0,0332	4	2
29.01.2018	100,793	62,5225	0,001	40,3007	41,0722	0,01265	18,1522	23,1574	0,05409	4,73777	6,6349	0,02955	2	1
30.01.2018	72,0946	62,5225	0,001	34,3747	41,0722	0,05848	14,4712	23,1574	0,16308	5,38644	6,6349	0,02033	1	1
31.01.2018	71,2657	62,5225	0,00115	33,8885	41,0722	0,06571	14,7994	23,1574	0,14855	5,5133	6,6349	0,019	1	1
1.02.2018	67,6038	62,5225	0,00353	32,3769	41,0722	0,09325	13,0658	23,1574	0,25627	5,28756	6,6349	0,0216	1	1
2.02.2018	67,7887	62,5225	0,00341	32,3933	41,0722	0,09291	13,4221	23,1574	0,22532	5,15562	6,6349	0,0233	1	1
3.02.2018	65,8655	62,5225	0,00467	30,7063	41,0722	0,1348	12,7985	23,1574	0,2795	5,64299	6,6349	0,01771	1	1
4.02.2018	65,5775	62,5225	0,00485	30,5514	41,0722	0,13927	11,2756	23,1574	0,41179	4,69633	6,6349	0,03025	1	1
5.02.2018	63,5554	62,5225	0,00818	30,7138	41,0722	0,13458	10,8639	23,1574	0,44755	4,14937	6,6349	0,04172	1	1
6.02.2018	64,5687	62,5225	0,00639	31,1778	41,0722	0,12176	12,4049	23,1574	0,31369	5,33157	6,6349	0,02104	1	1
7.02.2018	64,7188	62,5225	0,00612	30,8341	41,0722	0,13111	11,0931	23,1574	0,42764	4,57154	6,6349	0,03261	1	1
8.02.2018	64,7606	62,5225	0,00605	30,5774	41,0722	0,13852	11,054	23,1574	0,43104	4,70585	6,6349	0,03007	1	1
9.02.2018	66,3611	62,5225	0,00434	31,7388	41,0722	0,10799	12,0017	23,1574	0,34872	5,5188	6,6349	0,01894	1	1
10.02.2018	66,3738	62,5225	0,00433	31,6474	41,0722	0,11023	11,482	23,1574	0,39386	4,83365	6,6349	0,02802	1	1

11.02.2018	66,9607	62,5225	0,00395	31,8368	41,0722	0,10559	11,4108	23,1574	0,40004	4,78176	6,6349	0,02885	1	1
12.02.2018	67,9169	62,5225	0,00333	32,4273	41,0722	0,0922	11,9183	23,1574	0,35596	5,26476	6,6349	0,0219	1	1
13.02.2018	68,358	62,5225	0,00304	32,5357	41,0722	0,08995	11,6941	23,1574	0,37543	4,97483	6,6349	0,02578	1	1
14.02.2018	69,8515	62,5225	0,00207	33,6458	41,0722	0,0696	12,611	23,1574	0,29578	5,72001	6,6349	0,01695	1	1
15.02.2018	70,2398	62,5225	0,00181	33,6849	41,0722	0,06897	12,4286	23,1574	0,31163	5,41463	6,6349	0,01997	1	1
16.02.2018	70,8618	62,5225	0,00141	34,046	41,0722	0,0633	12,6847	23,1574	0,28938	5,60998	6,6349	0,01804	1	1
17.02.2018	71,4188	62,5225	0,00105	34,5121	41,0722	0,05657	13,0742	23,1574	0,25554	5,9455	6,6349	0,0148	1	1
18.02.2018	71,5297	62,5225	0,001	34,0501	41,0722	0,06324	12,6301	23,1574	0,29412	5,45803	6,6349	0,01954	1	1
19.02.2018	72,113	62,5225	0,001	34,6099	41,0722	0,05521	13,0523	23,1574	0,25745	5,8149	6,6349	0,01601	1	1
20.02.2018	72,0196	62,5225	0,001	33,9753	41,0722	0,06436	12,7563	23,1574	0,28316	5,50124	6,6349	0,01911	1	1
21.02.2018	73,1186	62,5225	0,001	34,5857	41,0722	0,05554	12,7373	23,1574	0,28481	5,40616	6,6349	0,02007	1	1
22.02.2018	73,5514	62,5225	0,001	34,6396	41,0722	0,05481	12,6487	23,1574	0,29251	5,26576	6,6349	0,02188	1	1
23.02.2018	74,773	62,5225	0,001	35,499	41,0722	0,04434	13,1128	23,1574	0,25219	5,64797	6,6349	0,01766	2	1
24.02.2018	75,0311	62,5225	0,001	35,5538	41,0722	0,04375	13,0953	23,1574	0,25371	5,5856	6,6349	0,01828	2	1
25.02.2018	75,653	62,5225	0,001	35,7393	41,0722	0,04176	12,9476	23,1574	0,26654	5,37929	6,6349	0,02042	2	1
26.02.2018	76,2793	62,5225	0,001	36,0429	41,0722	0,03867	13,0865	23,1574	0,25448	5,45341	6,6349	0,01959	2	1
27.02.2018	77,0445	62,5225	0,001	36,5072	41,0722	0,03434	13,4113	23,1574	0,22626	5,68617	6,6349	0,01728	2	1
28.02.2018	77,4968	62,5225	0,001	36,4888	41,0722	0,03449	13,394	23,1574	0,22777	5,60873	6,6349	0,01805	2	1
1.03.2018	78,0725	62,5225	0,001	36,8195	41,0722	0,03173	13,5734	23,1574	0,21218	5,69352	6,6349	0,01721	2	1
2.03.2018	78,4702	62,5225	0,001	36,9149	41,0722	0,03094	13,5846	23,1574	0,21121	5,60994	6,6349	0,01804	2	1
3.03.2018	78,9948	62,5225	0,001	37,0579	41,0722	0,02978	13,845	23,1574	0,19333	5,7959	6,6349	0,01619	2	1
4.03.2018	79,8257	62,5225	0,001	37,4932	41,0722	0,02666	14,0004	23,1574	0,18544	5,88363	6,6349	0,01533	2	1
5.03.2018	80,2658	62,5225	0,001	37,5433	41,0722	0,0263	14,1367	23,1574	0,17852	5,94836	6,6349	0,01478	2	1
6.03.2018	80,2557	62,5225	0,001	37,1582	41,0722	0,02906	13,9411	23,1574	0,18845	5,67746	6,6349	0,01737	2	1
7.03.2018	80,9108	62,5225	0,001	37,4566	41,0722	0,02692	13,7945	23,1574	0,19589	5,46221	6,6349	0,0195	2	1
8.03.2018	81,3209	62,5225	0,001	37,5181	41,0722	0,02648	13,6427	23,1574	0,20616	5,25377	6,6349	0,02204	2	1
9.03.2018	82,1499	62,5225	0,001	38,024	41,0722	0,02321	13,8722	23,1574	0,19195	5,44027	6,6349	0,01972	2	1
10.03.2018	119,027	62,5225	0,001	37,3589	41,0722	0,02762	13,353	23,1574	0,23133	5,33423	6,6349	0,021	2	1
11.03.2018	120,559	62,5225	0,001	38,0341	41,0722	0,02315	13,7986	23,1574	0,19568	5,7278	6,6349	0,01687	2	1
12.03.2018	120,947	62,5225	0,001	37,9218	41,0722	0,02382	13,4917	23,1574	0,21928	5,3616	6,6349	0,02065	2	1
13.03.2018	123,305	62,5225	0,001	39,2422	41,0722	0,01678	14,6142	23,1574	0,15665	6,29251	6,6349	0,01238	2	1
14.03.2018	84,5411	62,5225	0,001	38,9982	41,0722	0,01793	14,0614	23,1574	0,18235	5,28002	6,6349	0,0217	2	1
15.03.2018	85,598	62,5225	0,001	39,7158	41,0722	0,01466	14,4364	23,1574	0,16465	5,55231	6,6349	0,01861	2	1
16.03.2018	86,0825	62,5225	0,001	39,8375	41,0722	0,01425	14,5561	23,1574	0,15927	5,6351	6,6349	0,01779	2	1
17.03.2018	125,162	62,5225	0,001	39,1652	41,0722	0,01714	14,4675	23,1574	0,16325	5,9993	6,6349	0,01442	2	1
18.03.2018	126,046	62,5225	0,001	39,3746	41,0722	0,01615	14,6419	23,1574	0,15541	6,05511	6,6349	0,01404	2	1
19.03.2018	126,751	62,5225	0,001	39,7395	41,0722	0,01458	14,6811	23,1574	0,15364	5,9111	6,6349	0,01505	2	1
20.03.2018	127,043	62,5225	0,001	40,2174	41,0722	0,01294	14,9096	23,1574	0,14424	5,97605	6,6349	0,01459	2	1
21.03.2018	127,791	62,5225	0,001	40,8393	41,0722	0,0108	15,5772	23,1574	0,11924	6,47231	6,6349	0,01113	2	1
22.03.2018	128,54	62,5225	0,001	40,9398	41,0722	0,01046	15,5723	23,1574	0,1194	6,42978	6,6349	0,01143	2	1

2) After Malta

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test															
Maximum Eigen Value Test Stat															
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
21.05.2018	17,3532	29,0632	0,35346	5,43311	22,251	0,93418	2,21783	15,0899	0,89765	0,07516	6,9399	0,82214	0	0	1
22.05.2018	18,2503	29,0632	0,28192	5,93599	22,251	0,90158	2,14157	15,0899	0,9069	0,32909	6,9399	0,72148	0	0	1
23.05.2018	18,4899	29,0632	0,26281	6,80066	22,251	0,82961	2,27756	15,0899	0,89008	1,16353	6,9399	0,44159	0	0	1
24.05.2018	18,5066	29,0632	0,26148	6,81838	22,251	0,82799	2,39003	15,0899	0,87582	0,74429	6,9399	0,58222	0	0	1
25.05.2018	18,9135	29,0632	0,22903	7,15909	22,251	0,79525	2,43731	15,0899	0,86942	0,695	6,9399	0,59875	0	0	1
26.05.2018	19,4019	29,0632	0,194	6,94856	22,251	0,81554	2,45437	15,0899	0,86709	0,71729	6,9399	0,59127	0	0	1
27.05.2018	19,0866	29,0632	0,21523	6,80871	22,251	0,82888	2,38585	15,0899	0,87635	0,87711	6,9399	0,53766	0	0	1
28.05.2018	19,6706	29,0632	0,18104	7,62747	22,251	0,75097	2,3688	15,0899	0,87851	1,19362	6,9399	0,4315	0	0	1
29.05.2018	19,9792	29,0632	0,16711	7,17196	22,251	0,79404	2,43565	15,0899	0,86965	0,82357	6,9399	0,55562	0	0	1
30.05.2018	20,4553	29,0632	0,14707	7,33021	22,251	0,77908	2,45131	15,0899	0,8675	0,71438	6,9399	0,59225	0	0	1
31.05.2018	20,7984	29,0632	0,13423	7,40984	22,251	0,77155	2,22061	15,0899	0,8973	0,18333	6,9399	0,77037	0	0	1
1.06.2018	21,1071	29,0632	0,12304	7,41295	22,251	0,77125	2,21782	15,0899	0,89765	0,09454	6,9399	0,80051	0	0	1
2.06.2018	20,7458	29,0632	0,1362	7,30597	22,251	0,78137	2,19664	15,0899	0,90032	0,02353	6,9399	0,90015	0	0	1
3.06.2018	21,3344	29,0632	0,11586	7,25581	22,251	0,78611	2,26536	15,0899	0,89163	0,01345	6,9399	0,92457	0	0	1
4.06.2018	21,2645	29,0632	0,11807	7,95913	22,251	0,71961	2,22334	15,0899	0,89695	0,04645	6,9399	0,86045	0	0	1
5.06.2018	21,658	29,0632	0,10565	8,06242	22,251	0,70985	2,1473	15,0899	0,90623	0,0709	6,9399	0,8272	0	0	1
6.06.2018	21,8948	29,0632	0,09838	8,63986	22,251	0,65525	1,99706	15,0899	0,92322	0,69928	6,9399	0,59731	0	0	1
7.06.2018	21,8759	29,0632	0,09891	8,29688	22,251	0,68768	2,02745	15,0899	0,91992	0,27667	6,9399	0,73906	0	0	1
8.06.2018	21,1546	29,0632	0,12154	10,0004	22,251	0,52662	2,07392	15,0899	0,91471	0,17132	6,9399	0,7744	0	0	1
9.06.2018	21,1854	29,0632	0,12057	8,71961	22,251	0,64771	2,09136	15,0899	0,91272	0,13469	6,9399	0,78669	0	0	1
10.06.2018	24,5454	29,0632	0,04436	8,94581	22,251	0,62632	2,32499	15,0899	0,88407	0,09401	6,9399	0,80111	1	0	1
11.06.2018	24,5444	29,0632	0,04438	9,06568	22,251	0,61499	2,27239	15,0899	0,89073	0,0001	6,9399	0,99491	1	0	1
12.06.2018	25,7859	29,0632	0,0299	9,30578	22,251	0,59229	2,15932	15,0899	0,90482	0,00691	6,9399	0,94579	1	0	1
13.06.2018	24,4405	29,0632	0,04585	9,08735	22,251	0,61294	2,27973	15,0899	0,8898	0,0822	6,9399	0,81429	1	0	1
14.06.2018	23,6989	29,0632	0,05767	8,24174	22,251	0,69289	2,28891	15,0899	0,88864	0,08309	6,9399	0,81329	0	0	1
15.06.2018	23,7279	29,0632	0,05716	8,6787	22,251	0,65158	2,6039	15,0899	0,84646	0,05611	6,9399	0,84636	0	0	1
16.06.2018	23,5422	29,0632	0,06046	8,86335	22,251	0,63412	2,76269	15,0899	0,82352	0,00023	6,9399	0,98952	0	0	1
17.06.2018	23,3052	29,0632	0,06494	9,20462	22,251	0,60185	3,11258	15,0899	0,77541	0,06747	6,9399	0,83164	0	0	1
18.06.2018	23,1359	29,0632	0,06837	9,09877	22,251	0,61186	2,93376	15,0899	0,79822	0,17468	6,9399	0,77328	0	0	1
19.06.2018	22,7519	29,0632	0,07667	8,8338	22,251	0,63691	2,68013	15,0899	0,83547	0,18078	6,9399	0,77123	0	0	1
20.06.2018	23,2034	29,0632	0,06701	8,35521	22,251	0,68216	2,6605	15,0899	0,8383	0,02609	6,9399	0,89532	0	0	1
21.06.2018	23,9281	29,0632	0,05376	8,25108	22,251	0,69201	3,2998	15,0899	0,75153	0,12665	6,9399	0,78938	0	0	1
22.06.2018	23,8457	29,0632	0,0551	8,34473	22,251	0,68316	3,64354	15,0899	0,70769	0,00714	6,9399	0,94484	0	0	1
23.06.2018	24,0387	29,0632	0,05197	8,61647	22,251	0,65746	3,29034	15,0899	0,75274	0,02846	6,9399	0,89086	0	0	1
24.06.2018	23,3802	29,0632	0,06352	8,38299	22,251	0,67954	3,19126	15,0899	0,76537	0,2159	6,9399	0,75945	0	0	1
25.06.2018	23,287	29,0632	0,06531	8,55831	22,251	0,66296	3,31766	15,0899	0,74925	0,15015	6,9399	0,7815	0	0	1

26.06.2018	23,7975	29,0632	0,05594	8,53835	22,251	0,66485	3,29596	15,0899	0,75202	0,39701	6,9399	0,6987	0	0	1
27.06.2018	23,6044	29,0632	0,05933	8,74931	22,251	0,6449	3,28643	15,0899	0,75324	0,38293	6,9399	0,70342	0	0	1
28.06.2018	22,9258	29,0632	0,07281	9,46025	22,251	0,57769	3,32607	15,0899	0,74818	0,31766	6,9399	0,72531	0	0	1
29.06.2018	21,8324	29,0632	0,10015	9,28819	22,251	0,59395	3,34898	15,0899	0,74526	0,13866	6,9399	0,78536	0	0	1
30.06.2018	21,3901	29,0632	0,1141	9,13773	22,251	0,60818	3,1635	15,0899	0,76892	0,12588	6,9399	0,78964	0	0	1
1.07.2018	20,6334	29,0632	0,1404	9,18657	22,251	0,60356	3,12773	15,0899	0,77348	0,15366	6,9399	0,78032	0	0	1
2.07.2018	22,4149	29,0632	0,08462	8,62932	22,251	0,65625	2,99443	15,0899	0,79048	0,20044	6,9399	0,76463	0	0	1
3.07.2018	23,3019	29,0632	0,06501	8,69495	22,251	0,65004	3,10152	15,0899	0,77682	0,38007	6,9399	0,70438	0	0	1
4.07.2018	23,795	29,0632	0,05599	9,07867	22,251	0,61376	2,69595	15,0899	0,83319	0,5466	6,9399	0,64852	0	0	1
5.07.2018	24,0331	29,0632	0,05206	8,1658	22,251	0,70007	2,71932	15,0899	0,82982	0,50437	6,9399	0,66269	0	0	1
6.07.2018	24,135	29,0632	0,05041	8,08376	22,251	0,70783	2,86557	15,0899	0,80812	0,67324	6,9399	0,60605	0	0	1
7.07.2018	24,549	29,0632	0,04431	8,23491	22,251	0,69354	2,85586	15,0899	0,80957	0,55919	6,9399	0,6443	1	0	1
8.07.2018	24,7593	29,0632	0,04151	7,75769	22,251	0,73866	2,88028	15,0899	0,80592	0,53574	6,9399	0,65217	1	0	1
9.07.2018	24,7126	29,0632	0,04213	7,01329	22,251	0,80927	2,97453	15,0899	0,79302	0,67632	6,9399	0,60501	1	0	1
10.07.2018	23,4368	29,0632	0,06245	6,12439	22,251	0,88722	3,2372	15,0899	0,75952	1,03093	6,9399	0,48607	0	0	1
11.07.2018	22,086	29,0632	0,09312	4,80484	22,251	0,96455	3,4405	15,0899	0,73358	1,1793	6,9399	0,4363	0	0	1
12.07.2018	21,5757	29,0632	0,10825	5,4542	22,251	0,93294	3,66014	15,0899	0,70557	1,33529	6,9399	0,38398	0	0	1
13.07.2018	21,8482	29,0632	0,09969	5,05352	22,251	0,9539	3,65676	15,0899	0,706	1,31038	6,9399	0,39234	0	0	1
14.07.2018	21,8061	29,0632	0,10097	5,09303	22,251	0,95202	3,67592	15,0899	0,70356	1,31352	6,9399	0,39128	0	0	1
15.07.2018	22,5157	29,0632	0,08219	6,79059	22,251	0,83054	3,38541	15,0899	0,74061	1,17852	6,9399	0,43657	0	0	1
16.07.2018	23,1814	29,0632	0,06745	5,6277	22,251	0,92241	2,67016	15,0899	0,83691	0,78566	6,9399	0,56834	0	0	1
17.07.2018	23,3956	29,0632	0,06323	5,94815	22,251	0,90071	2,49127	15,0899	0,86204	0,64549	6,9399	0,61535	0	0	1
18.07.2018	23,7944	29,0632	0,056	6,31448	22,251	0,87236	2,27581	15,0899	0,8903	0,89345	6,9399	0,53218	0	0	1
19.07.2018	24,04	29,0632	0,05195	6,04972	22,251	0,89295	2,49042	15,0899	0,86216	0,86255	6,9399	0,54255	0	0	1
20.07.2018	24,1817	29,0632	0,04969	6,25814	22,251	0,87694	2,57283	15,0899	0,85088	1,14587	6,9399	0,44752	1	0	1
21.07.2018	24,3395	29,0632	0,04735	6,25633	22,251	0,87708	2,42832	15,0899	0,87065	1,11103	6,9399	0,4592	1	0	1
22.07.2018	24,4124	29,0632	0,04626	6,28177	22,251	0,87513	2,45715	15,0899	0,8667	1,12449	6,9399	0,45469	1	0	1
23.07.2018	24,6866	29,0632	0,04248	6,4536	22,251	0,86057	2,6454	15,0899	0,84048	1,13832	6,9399	0,45005	1	0	1
24.07.2018	24,7941	29,0632	0,04105	6,41558	22,251	0,86379	2,56959	15,0899	0,85133	1,10235	6,9399	0,46212	1	0	1
25.07.2018	25,0848	29,0632	0,03748	6,45354	22,251	0,86057	2,82722	15,0899	0,81386	0,88253	6,9399	0,53585	1	0	1
26.07.2018	25,2898	29,0632	0,03504	6,58927	22,251	0,84899	3,00055	15,0899	0,7897	0,71445	6,9399	0,59223	1	0	1
27.07.2018	25,5181	29,0632	0,03267	6,55464	22,251	0,852	3,09745	15,0899	0,77734	0,51628	6,9399	0,65869	1	0	1
28.07.2018	25,8621	29,0632	0,02922	6,61283	22,251	0,84683	3,25162	15,0899	0,75768	0,33495	6,9399	0,71952	1	0	1
29.07.2018	25,9847	29,0632	0,02813	6,57199	22,251	0,85053	3,06487	15,0899	0,7815	0,49101	6,9399	0,66717	1	0	1
30.07.2018	25,8781	29,0632	0,02908	6,67092	22,251	0,8415	3,11253	15,0899	0,77542	0,75383	6,9399	0,57901	1	0	1
31.07.2018	25,8098	29,0632	0,02969	6,88509	22,251	0,8217	3,50426	15,0899	0,72545	0,58558	6,9399	0,63545	1	0	1
1.08.2018	25,7405	29,0632	0,03036	6,63285	22,251	0,84499	3,50314	15,0899	0,72559	0,64624	6,9399	0,6151	1	0	1
2.08.2018	25,9855	29,0632	0,02813	6,95315	22,251	0,8151	3,69648	15,0899	0,70093	0,51683	6,9399	0,65851	1	0	1
3.08.2018	25,9778	29,0632	0,02819	6,88051	22,251	0,82214	3,59813	15,0899	0,71348	0,48543	6,9399	0,66904	1	0	1
4.08.2018	26,6771	29,0632	0,02249	6,98816	22,251	0,8117	3,66849	15,0899	0,7045	0,5253	6,9399	0,65567	1	0	1

5.08.2018	26,7967	29,0632	0,02161	7,02465	22,251	0,80817	3,63418	15,0899	0,70888	0,60349	6,9399	0,62944	1	0	1
6.08.2018	26,8492	29,0632	0,02122	7,08225	22,251	0,80258	3,68347	15,0899	0,70259	0,59699	6,9399	0,63162	1	0	1
7.08.2018	26,659	29,0632	0,02262	7,1429	22,251	0,79679	3,76303	15,0899	0,69245	0,77597	6,9399	0,57159	1	0	1
8.08.2018	26,9388	29,0632	0,02056	7,14892	22,251	0,79622	3,86827	15,0899	0,67902	1,09852	6,9399	0,4634	1	0	1
9.08.2018	26,938	29,0632	0,02057	7,24042	22,251	0,78757	3,8565	15,0899	0,68052	0,94195	6,9399	0,51592	1	0	1
10.08.2018	27,0395	29,0632	0,01986	7,30275	22,251	0,78167	3,93201	15,0899	0,67089	1,18938	6,9399	0,43292	1	0	1
11.08.2018	27,1345	29,0632	0,0193	7,36249	22,251	0,77602	3,94256	15,0899	0,66955	1,33361	6,9399	0,38454	1	0	1
12.08.2018	27,1543	29,0632	0,01919	7,39839	22,251	0,77263	3,96115	15,0899	0,66717	1,30759	6,9399	0,39327	1	0	1
13.08.2018	27,7043	29,0632	0,01599	7,43623	22,251	0,76905	3,91584	15,0899	0,67295	1,88497	6,9399	0,19986	1	0	1
14.08.2018	27,5465	29,0632	0,01691	7,52868	22,251	0,76031	3,95724	15,0899	0,66767	2,33763	6,9399	0,14916	1	0	1
15.08.2018	27,3893	29,0632	0,01782	7,45975	22,251	0,76683	3,99673	15,0899	0,66264	2,33925	6,9399	0,14902	1	0	1
16.08.2018	27,7928	29,0632	0,01548	7,43003	22,251	0,76964	3,98857	15,0899	0,66368	2,16192	6,9399	0,16731	1	0	1
17.08.2018	28,5078	29,0632	0,01234	7,61239	22,251	0,7524	3,89007	15,0899	0,67624	1,66642	6,9399	0,27291	1	0	1
18.08.2018	26,8169	29,0632	0,02146	7,75821	22,251	0,73861	3,76778	15,0899	0,69184	1,85377	6,9399	0,21007	1	0	1
19.08.2018	28,608	29,0632	0,01192	7,7415	22,251	0,74019	3,88567	15,0899	0,6768	1,92819	6,9399	0,19457	1	0	1
20.08.2018	24,0679	29,0632	0,0515	7,78538	22,251	0,73604	3,9084	15,0899	0,6739	2,03401	6,9399	0,18162	0	0	1
21.08.2018	25,0774	29,0632	0,03757	7,5925	22,251	0,75428	3,88182	15,0899	0,67729	2,13859	6,9399	0,16974	1	0	1
22.08.2018	25,7194	29,0632	0,03058	7,54794	22,251	0,75849	3,90887	15,0899	0,67384	2,1904	6,9399	0,16434	1	0	1
23.08.2018	24,8768	29,0632	0,03995	7,62733	22,251	0,75098	3,92081	15,0899	0,67232	2,06533	6,9399	0,17779	1	0	1
24.08.2018	24,6357	29,0632	0,04316	7,21052	22,251	0,79039	3,85623	15,0899	0,68056	1,78474	6,9399	0,23323	1	0	1
25.08.2018	25,8233	29,0632	0,02957	7,26185	22,251	0,78554	3,86792	15,0899	0,67907	1,76468	6,9399	0,23996	1	0	1
26.08.2018	25,8629	29,0632	0,02922	7,18989	22,251	0,79234	3,89181	15,0899	0,67602	1,69371	6,9399	0,26376	1	0	1
27.08.2018	24,7278	29,0632	0,04193	7,30078	22,251	0,78186	3,89893	15,0899	0,67511	1,21455	6,9399	0,42448	1	0	1
28.08.2018	24,5065	29,0632	0,04488	7,65701	22,251	0,74818	3,92978	15,0899	0,67118	1,17131	6,9399	0,43898	1	0	1
29.08.2018	24,0558	29,0632	0,05169	7,42459	22,251	0,77015	3,95612	15,0899	0,66782	1,24337	6,9399	0,41481	0	0	1
30.08.2018	24,2396	29,0632	0,04883	7,32569	22,251	0,7795	3,96423	15,0899	0,66678	1,46425	6,9399	0,34072	1	0	1
31.08.2018	24,8393	29,0632	0,04044	7,09489	22,251	0,80136	3,97597	15,0899	0,66528	1,33018	6,9399	0,38569	1	0	1
1.09.2018	25,2591	29,0632	0,03541	7,13162	22,251	0,79785	4,003	15,0899	0,66184	1,11375	6,9399	0,45829	1	0	1
2.09.2018	25,4173	29,0632	0,03371	7,32521	22,251	0,77955	4,01852	15,0899	0,65986	1,18514	6,9399	0,43434	1	0	1
3.09.2018	25,5328	29,0632	0,03251	7,33929	22,251	0,77822	4,03955	15,0899	0,65717	1,19823	6,9399	0,42995	1	0	1
4.09.2018	25,8308	29,0632	0,0295	7,3158	22,251	0,78044	4,06445	15,0899	0,654	1,18998	6,9399	0,43272	1	0	1
5.09.2018	25,9675	29,0632	0,02829	7,29586	22,251	0,78232	4,08789	15,0899	0,65101	1,64446	6,9399	0,28028	1	0	1
6.09.2018	26,1198	29,0632	0,02693	7,0868	22,251	0,80214	4,11271	15,0899	0,64784	1,65357	6,9399	0,27722	1	0	1
7.09.2018	26,1737	29,0632	0,02645	7,03155	22,251	0,8075	4,13846	15,0899	0,64456	1,74716	6,9399	0,24583	1	0	1
8.09.2018	26,073	29,0632	0,02735	7,11884	22,251	0,79906	4,15553	15,0899	0,64238	1,94731	6,9399	0,19223	1	0	1
9.09.2018	26,1646	29,0632	0,02653	7,08407	22,251	0,80241	4,1844	15,0899	0,6387	1,967	6,9399	0,18982	1	0	1
10.09.2018	26,1208	29,0632	0,02692	7,03141	22,251	0,80751	4,19825	15,0899	0,63693	1,94236	6,9399	0,19283	1	0	1
11.09.2018	25,9442	29,0632	0,02849	6,9274	22,251	0,81759	4,2287	15,0899	0,63305	2,00254	6,9399	0,18547	1	0	1
12.09.2018	25,7418	29,0632	0,03034	6,94726	22,251	0,81567	4,25856	15,0899	0,62924	2,05706	6,9399	0,1788	1	0	1
13.09.2018	26,238	29,0632	0,02588	7,04599	22,251	0,8061	4,28117	15,0899	0,62636	1,83026	6,9399	0,21796	1	0	1

14.09.2018	26,3241	29,0632	0,02511	6,90125	22,251	0,82013	4,29226	15,0899	0,62494	1,66261	6,9399	0,27419	1	0	1
15.09.2018	26,59	29,0632	0,02313	7,11867	22,251	0,79908	4,32242	15,0899	0,62109	1,59216	6,9399	0,29782	1	0	1
16.09.2018	26,673	29,0632	0,02252	7,08673	22,251	0,80215	4,34936	15,0899	0,61766	1,66999	6,9399	0,27172	1	0	1
17.09.2018	26,4974	29,0632	0,02381	6,92139	22,251	0,81818	4,38	15,0899	0,61375	1,90808	6,9399	0,19703	1	0	1
18.09.2018	26,6287	29,0632	0,02285	6,91097	22,251	0,81919	4,40589	15,0899	0,61045	1,80195	6,9399	0,22745	1	0	1
19.09.2018	26,5209	29,0632	0,02364	7,03245	22,251	0,80741	4,42605	15,0899	0,60788	1,79676	6,9399	0,2292	1	0	1
20.09.2018	26,4478	29,0632	0,02418	6,96326	22,251	0,81412	4,444	15,0899	0,60559	1,59	6,9399	0,29855	1	0	1
21.09.2018	26,8748	29,0632	0,02103	7,12001	22,251	0,79895	4,48417	15,0899	0,60046	1,40457	6,9399	0,36074	1	0	1
22.09.2018	27,2161	29,0632	0,01883	7,13988	22,251	0,79707	4,50358	15,0899	0,59799	1,4394	6,9399	0,34906	1	0	1
23.09.2018	27,2415	29,0632	0,01868	7,15506	22,251	0,79564	4,52769	15,0899	0,59491	1,46381	6,9399	0,34087	1	0	1
24.09.2018	27,1937	29,0632	0,01896	7,22968	22,251	0,78858	4,53643	15,0899	0,5938	1,59177	6,9399	0,29795	1	0	1
25.09.2018	26,6999	29,0632	0,02232	7,18684	22,251	0,79263	4,54824	15,0899	0,59229	1,74067	6,9399	0,24801	1	0	1
26.09.2018	26,673	29,0632	0,02252	7,26352	22,251	0,78538	4,57618	15,0899	0,58873	1,73201	6,9399	0,25091	1	0	1
27.09.2018	26,0429	29,0632	0,02761	7,42155	22,251	0,77044	4,60712	15,0899	0,58478	1,67094	6,9399	0,2714	1	0	1
28.09.2018	26,0784	29,0632	0,0273	7,38166	22,251	0,77421	4,62751	15,0899	0,58218	1,64364	6,9399	0,28055	1	0	1
29.09.2018	26,1151	29,0632	0,02697	7,44917	22,251	0,76783	4,65659	15,0899	0,57847	1,63919	6,9399	0,28205	1	0	1
30.09.2018	26,774	29,0632	0,02177	7,56102	22,251	0,75725	4,68215	15,0899	0,57521	1,61588	6,9399	0,28987	1	0	1
1.10.2018	26,61	29,0632	0,02298	7,52763	22,251	0,76041	4,7042	15,0899	0,5724	1,67468	6,9399	0,27014	1	0	1
2.10.2018	26,5053	29,0632	0,02376	7,42319	22,251	0,77028	4,7218	15,0899	0,57015	1,47461	6,9399	0,33725	1	0	1
3.10.2018	27,6508	29,0632	0,0163	7,4886	22,251	0,7641	4,76068	15,0899	0,56519	1,38355	6,9399	0,36779	1	0	1
4.10.2018	27,7941	29,0632	0,01547	7,54442	22,251	0,75882	4,78688	15,0899	0,56185	1,46095	6,9399	0,34183	1	0	1
5.10.2018	26,7989	29,0632	0,02159	7,49156	22,251	0,76382	4,82134	15,0899	0,55746	1,23174	6,9399	0,41871	1	0	1
6.10.2018	26,5281	29,0632	0,02359	7,51775	22,251	0,76134	4,84252	15,0899	0,55476	1,31401	6,9399	0,39112	1	0	1
7.10.2018	27,1991	29,0632	0,01893	7,45252	22,251	0,76751	4,86125	15,0899	0,55237	1,27801	6,9399	0,40319	1	0	1
8.10.2018	27,0722	29,0632	0,01967	7,42937	22,251	0,7697	4,88194	15,0899	0,54973	1,25976	6,9399	0,40932	1	0	1
9.10.2018	26,3465	29,0632	0,02493	7,42751	22,251	0,76988	4,91184	15,0899	0,54591	1,2674	6,9399	0,40675	1	0	1
10.10.2018	26,5956	29,0632	0,02309	7,46431	22,251	0,7664	4,93579	15,0899	0,54286	1,3483	6,9399	0,37962	1	0	1
11.10.2018	27,1582	29,0632	0,01917	7,21156	22,251	0,79029	4,96868	15,0899	0,53866	1,76782	6,9399	0,2389	1	0	1
12.10.2018	26,9928	29,0632	0,02016	7,23717	22,251	0,78787	4,99361	15,0899	0,53548	1,64552	6,9399	0,27992	1	0	1
13.10.2018	27,0354	29,0632	0,01988	7,24957	22,251	0,7867	5,01599	15,0899	0,53263	1,63975	6,9399	0,28186	1	0	1
14.10.2018	26,9278	29,0632	0,02064	7,24465	22,251	0,78716	5,04271	15,0899	0,52922	1,64665	6,9399	0,27954	1	0	1
15.10.2018	27,1454	29,0632	0,01924	7,46011	22,251	0,76679	5,04588	15,0899	0,52882	1,4251	6,9399	0,35386	1	0	1
16.10.2018	27,2173	29,0632	0,01882	7,48824	22,251	0,76413	5,08026	15,0899	0,52443	1,5122	6,9399	0,32464	1	0	1
17.10.2018	27,531	29,0632	0,017	7,51173	22,251	0,76191	5,10103	15,0899	0,52178	1,54724	6,9399	0,31289	1	0	1
18.10.2018	27,5702	29,0632	0,01677	7,42189	22,251	0,77041	5,12821	15,0899	0,51831	1,57688	6,9399	0,30295	1	0	1
19.10.2018	27,6703	29,0632	0,01619	7,43441	22,251	0,76922	5,15284	15,0899	0,51517	1,54158	6,9399	0,31479	1	0	1
20.10.2018	27,8319	29,0632	0,01525	7,51121	22,251	0,76196	5,177	15,0899	0,51209	1,56115	6,9399	0,30822	1	0	1
21.10.2018	28,0966	29,0632	0,01407	7,51619	22,251	0,76149	5,19099	15,0899	0,51031	1,59181	6,9399	0,29794	1	0	1
22.10.2018	28,2156	29,0632	0,01357	7,51462	22,251	0,76164	5,21511	15,0899	0,50723	1,56192	6,9399	0,30796	1	0	1
23.10.2018	28,3523	29,0632	0,01299	7,53201	22,251	0,76	5,23462	15,0899	0,50474	1,53606	6,9399	0,31664	1	0	1

24.10.2018	28,4205	29,0632	0,0127	7,53982	22,251	0,75926	5,27374	15,0899	0,49975	1,52143	6,9399	0,32155	1	0	1
25.10.2018	28,6204	29,0632	0,01186	7,57679	22,251	0,75576	5,29697	15,0899	0,49679	1,5625	6,9399	0,30777	1	0	1
26.10.2018	28,7658	29,0632	0,01125	7,61321	22,251	0,75232	5,31595	15,0899	0,49437	1,55498	6,9399	0,31029	1	0	1
27.10.2018	28,8949	29,0632	0,01071	7,66452	22,251	0,74747	5,33901	15,0899	0,49143	1,58338	6,9399	0,30077	1	0	1
28.10.2018	29,0117	29,0632	0,01022	7,68243	22,251	0,74577	5,36059	15,0899	0,48867	1,58816	6,9399	0,29917	1	0	1
29.10.2018	29,0589	29,0632	0,01002	7,62386	22,251	0,75131	5,37642	15,0899	0,48666	1,66232	6,9399	0,27429	1	0	1
30.10.2018	29,044	29,0632	0,01008	7,67598	22,251	0,74638	5,40181	15,0899	0,48342	1,67891	6,9399	0,26873	1	0	1
31.10.2018	28,9851	29,0632	0,01033	7,70958	22,251	0,74321	5,41391	15,0899	0,48187	1,65614	6,9399	0,27636	1	0	1
1.11.2018	28,9356	29,0632	0,01054	7,75264	22,251	0,73914	5,4244	15,0899	0,48054	1,61734	6,9399	0,28937	1	0	1
2.11.2018	29,061	29,0632	0,01001	7,82083	22,251	0,73269	5,43605	15,0899	0,47905	1,61299	6,9399	0,29083	1	0	1
3.11.2018	28,9131	29,0632	0,01063	7,84756	22,251	0,73016	5,46491	15,0899	0,47537	1,64243	6,9399	0,28096	1	0	1
4.11.2018	28,9394	29,0632	0,01052	7,87123	22,251	0,72792	5,48879	15,0899	0,47232	1,54442	6,9399	0,31383	1	0	1
5.11.2018	29,0874	29,0632	0,00994	7,89971	22,251	0,72523	5,51867	15,0899	0,46851	1,55325	6,9399	0,31087	1	1	1
6.11.2018	29,1567	29,0632	0,00976	7,94886	22,251	0,72058	5,54137	15,0899	0,46562	1,52536	6,9399	0,32023	1	1	1
7.11.2018	29,4486	29,0632	0,00902	7,93637	22,251	0,72176	5,57169	15,0899	0,46175	1,48372	6,9399	0,33419	1	1	1
8.11.2018	29,9339	29,0632	0,00779	7,96616	22,251	0,71895	5,60553	15,0899	0,45743	1,48429	6,9399	0,334	1	1	1
9.11.2018	29,86	29,0632	0,00798	8,05192	22,251	0,71084	5,62079	15,0899	0,45549	1,57484	6,9399	0,30363	1	1	1
10.11.2018	29,5366	29,0632	0,0088	8,0516	22,251	0,71087	5,64335	15,0899	0,45261	1,55709	6,9399	0,30958	1	1	1
11.11.2018	29,4565	29,0632	0,009	8,02981	22,251	0,71293	5,66443	15,0899	0,44992	1,58064	6,9399	0,30169	1	1	1
12.11.2018	29,9068	29,0632	0,00786	8,04736	22,251	0,71127	5,69296	15,0899	0,44628	1,63447	6,9399	0,28363	1	1	1
13.11.2018	29,6026	29,0632	0,00863	8,06128	22,251	0,70995	5,71633	15,0899	0,4433	1,67505	6,9399	0,27002	1	1	1
14.11.2018	30,2235	29,0632	0,00706	7,99969	22,251	0,71578	5,74172	15,0899	0,44006	2,03642	6,9399	0,18132	1	1	1
15.11.2018	30,3749	29,0632	0,00668	7,94378	22,251	0,72106	5,75769	15,0899	0,43802	2,08858	6,9399	0,17495	1	1	1
16.11.2018	30,3728	29,0632	0,00668	8,01659	22,251	0,71418	5,77761	15,0899	0,43548	2,17659	6,9399	0,16578	1	1	1
17.11.2018	30,6133	29,0632	0,00607	7,97441	22,251	0,71817	5,79837	15,0899	0,43284	2,23126	6,9399	0,16008	1	1	1
18.11.2018	30,7478	29,0632	0,00573	7,98429	22,251	0,71723	5,82511	15,0899	0,42942	2,12858	6,9399	0,17078	1	1	1
19.11.2018	31,0881	29,0632	0,00495	7,86378	22,251	0,72863	5,83391	15,0899	0,4283	2,52662	6,9399	0,13278	1	1	1
20.11.2018	31,1922	29,0632	0,00486	7,67105	22,251	0,74685	5,84243	15,0899	0,42722	2,76618	6,9399	0,11459	1	1	1
21.11.2018	31,3106	29,0632	0,00475	7,67086	22,251	0,74687	5,86786	15,0899	0,42397	2,64317	6,9399	0,12313	1	1	1
22.11.2018	31,6036	29,0632	0,00449	7,64716	22,251	0,74911	5,87876	15,0899	0,42258	2,73428	6,9399	0,1168	1	1	1
23.11.2018	31,8101	29,0632	0,0043	7,63956	22,251	0,74983	5,88413	15,0899	0,4219	2,78972	6,9399	0,11295	1	1	1
24.11.2018	31,8942	29,0632	0,00422	7,56546	22,251	0,75683	5,89985	15,0899	0,41989	2,92002	6,9399	0,1039	1	1	1
25.11.2018	32,0229	29,0632	0,0041	7,61999	22,251	0,75168	5,92071	15,0899	0,41723	2,91852	6,9399	0,104	1	1	1
26.11.2018	31,9442	29,0632	0,00418	7,5125	22,251	0,76184	5,95685	15,0899	0,41262	2,98631	6,9399	0,09939	1	1	1
27.11.2018	31,9174	29,0632	0,0042	7,49625	22,251	0,76338	5,97962	15,0899	0,40972	2,9863	6,9399	0,09939	1	1	1
28.11.2018	31,7387	29,0632	0,00436	7,55082	22,251	0,75822	5,9891	15,0899	0,40851	2,89849	6,9399	0,10539	1	1	1
29.11.2018	32,4912	29,0632	0,00368	7,60283	22,251	0,7533	5,99953	15,0899	0,40718	2,85474	6,9399	0,10843	1	1	1
30.11.2018	32,3051	29,0632	0,00385	7,48183	22,251	0,76474	5,98141	15,0899	0,40949	2,93659	6,9399	0,10275	1	1	1
1.12.2018	32,3957	29,0632	0,00377	7,54187	22,251	0,75906	6,03583	15,0899	0,40255	2,89369	6,9399	0,10573	1	1	1
2.12.2018	32,372	29,0632	0,00379	7,48812	22,251	0,76415	6,05439	15,0899	0,40018	2,90816	6,9399	0,10472	1	1	1

3.12.2018	32,3849	29,0632	0,00378	7,43476	22,251	0,76919	6,07801	15,0899	0,39717	2,93982	6,9399	0,10252	1	1	1
4.12.2018	32,4495	29,0632	0,00372	7,26987	22,251	0,78478	6,13583	15,0899	0,38979	2,73992	6,9399	0,11641	1	1	1
5.12.2018	32,1962	29,0632	0,00395	7,13821	22,251	0,79723	6,15423	15,0899	0,38744	2,6692	6,9399	0,12132	1	1	1
6.12.2018	32,1025	29,0632	0,00403	7,32177	22,251	0,77987	6,18167	15,0899	0,38394	2,98672	6,9399	0,09937	1	1	1
7.12.2018	32,0355	29,0632	0,00409	7,35876	22,251	0,77638	6,18766	15,0899	0,38318	3,12257	6,9399	0,09146	1	1	1
8.12.2018	31,9013	29,0632	0,00422	7,25173	22,251	0,7865	6,2129	15,0899	0,37996	3,08993	6,9399	0,09331	1	1	1
9.12.2018	31,9002	29,0632	0,00422	7,2715	22,251	0,78463	6,23359	15,0899	0,37732	3,06119	6,9399	0,09493	1	1	1
10.12.2018	32,1395	29,0632	0,004	7,25784	22,251	0,78592	6,26123	15,0899	0,3738	3,0986	6,9399	0,09282	1	1	1
11.12.2018	32,35	29,0632	0,00381	7,15017	22,251	0,7961	6,28315	15,0899	0,371	3,05738	6,9399	0,09515	1	1	1
12.12.2018	32,5204	29,0632	0,00365	7,19354	22,251	0,792	6,30829	15,0899	0,36779	3,02587	6,9399	0,09703	1	1	1
13.12.2018	32,4837	29,0632	0,00369	7,2614	22,251	0,78558	6,32168	15,0899	0,36609	3,13949	6,9399	0,09051	1	1	1
14.12.2018	32,6607	29,0632	0,00353	7,25101	22,251	0,78656	6,34599	15,0899	0,36299	3,16623	6,9399	0,08906	1	1	1
15.12.2018	32,7761	29,0632	0,00342	7,25829	22,251	0,78588	6,35566	15,0899	0,36175	3,17923	6,9399	0,08837	1	1	1
16.12.2018	32,9202	29,0632	0,00329	7,29083	22,251	0,7828	6,4062	15,0899	0,35531	3,16671	6,9399	0,08903	1	1	1
17.12.2018	33,1799	29,0632	0,00306	7,34939	22,251	0,77726	6,44341	15,0899	0,35056	3,06244	6,9399	0,09486	1	1	1
18.12.2018	33,3056	29,0632	0,00294	7,39353	22,251	0,77309	6,47661	15,0899	0,34633	2,93001	6,9399	0,1032	1	1	1
19.12.2018	33,3332	29,0632	0,00292	7,47707	22,251	0,76519	6,49996	15,0899	0,34335	2,98447	6,9399	0,0995	1	1	1
20.12.2018	32,6409	29,0632	0,00354	7,73672	22,251	0,74064	6,52961	15,0899	0,33957	2,92732	6,9399	0,10339	1	1	1
21.12.2018	32,4276	29,0632	0,00374	7,62231	22,251	0,75146	6,55354	15,0899	0,33651	3,02773	6,9399	0,09692	1	1	1
22.12.2018	31,8082	29,0632	0,0043	7,65031	22,251	0,74881	6,58154	15,0899	0,33294	2,88907	6,9399	0,10605	1	1	1
23.12.2018	31,968	29,0632	0,00415	7,75297	22,251	0,73911	6,6083	15,0899	0,32953	2,87837	6,9399	0,10679	1	1	1
24.12.2018	29,2779	29,0632	0,00946	7,80616	22,251	0,73408	6,61648	15,0899	0,32848	2,76732	6,9399	0,11451	1	1	1
25.12.2018	28,6959	29,0632	0,01155	7,79377	22,251	0,73525	6,5723	15,0899	0,33412	3,03087	6,9399	0,09673	1	0	1
26.12.2018	24,4574	29,0632	0,0456	7,90243	22,251	0,72497	6,6056	15,0899	0,32987	2,92534	6,9399	0,10353	1	0	1
27.12.2018	23,8099	29,0632	0,05573	7,92859	22,251	0,7225	6,65335	15,0899	0,32378	3,19351	6,9399	0,08761	0	0	1
28.12.2018	19,2059	29,0632	0,20572	8,02852	22,251	0,71305	6,7301	15,0899	0,31399	2,79434	6,9399	0,11263	0	0	1
29.12.2018	17,4207	29,0632	0,34807	7,94223	22,251	0,72121	6,72053	15,0899	0,31521	2,82178	6,9399	0,11072	0	0	1
30.12.2018	15,8889	29,0632	0,47022	8,00156	22,251	0,7156	6,76213	15,0899	0,30991	2,73716	6,9399	0,1166	0	0	1
31.12.2018	17,8601	29,0632	0,31304	8,00012	22,251	0,71574	6,8193	15,0899	0,30261	2,75413	6,9399	0,11542	0	0	1
1.01.2019	16,2075	29,0632	0,44482	8,05578	22,251	0,71047	6,8508	15,0899	0,2986	2,75833	6,9399	0,11513	0	0	1
2.01.2019	13,6394	29,0632	0,64961	7,99688	22,251	0,71604	6,78475	15,0899	0,30702	2,52143	6,9399	0,13323	0	0	1
3.01.2019	14,2686	29,0632	0,59943	7,92188	22,251	0,72313	6,80917	15,0899	0,30391	2,75135	6,9399	0,11562	0	0	1
4.01.2019	12,484	29,0632	0,74174	7,86617	22,251	0,7284	6,8374	15,0899	0,30031	2,47782	6,9399	0,13701	0	0	1
5.01.2019	12,4809	29,0632	0,74199	7,83162	22,251	0,73167	6,87135	15,0899	0,29598	2,53722	6,9399	0,13186	0	0	1
6.01.2019	11,2932	29,0632	0,83495	7,74654	22,251	0,73971	6,89148	15,0899	0,29341	2,10199	6,9399	0,17355	0	0	1
7.01.2019	10,9978	29,0632	0,85591	7,70439	22,251	0,7437	6,95142	15,0899	0,28576	2,18332	6,9399	0,16508	0	0	1
8.01.2019	11,5529	29,0632	0,8155	7,63583	22,251	0,75018	6,98242	15,0899	0,28181	1,92409	6,9399	0,19507	0	0	1
9.01.2019	10,9533	29,0632	0,85889	7,65674	22,251	0,7482	7,00409	15,0899	0,27904	1,90322	6,9399	0,19762	0	0	1
10.01.2019	12,2087	29,0632	0,7637	7,72176	22,251	0,74206	6,96597	15,0899	0,28391	2,60659	6,9399	0,12584	0	0	1
11.01.2019	13,0213	29,0632	0,6989	7,7362	22,251	0,74069	6,97013	15,0899	0,28338	2,58816	6,9399	0,12744	0	0	1

12.01.2019	13,2445	29,0632	0,6811	7,72219	22,251	0,74201	7,02275	15,0899	0,27666	2,60902	6,9399	0,12563	0	0	1
13.01.2019	13,4723	29,0632	0,66293	7,77217	22,251	0,73729	7,05768	15,0899	0,27221	2,85598	6,9399	0,10835	0	0	1
14.01.2019	13,4164	29,0632	0,66739	7,76738	22,251	0,73774	7,05279	15,0899	0,27283	2,53691	6,9399	0,13188	0	0	1
15.01.2019	13,5129	29,0632	0,65969	7,8346	22,251	0,73139	7,06448	15,0899	0,27134	2,6584	6,9399	0,12207	0	0	1
16.01.2019	13,6602	29,0632	0,64795	7,84652	22,251	0,73026	7,04468	15,0899	0,27387	2,50189	6,9399	0,13492	0	0	1
17.01.2019	13,6464	29,0632	0,64905	7,90901	22,251	0,72435	7,02295	15,0899	0,27664	2,35497	6,9399	0,14766	0	0	1
18.01.2019	13,6465	29,0632	0,64904	7,98287	22,251	0,71737	6,98741	15,0899	0,28117	2,27804	6,9399	0,15521	0	0	1
19.01.2019	13,9355	29,0632	0,62599	8,02054	22,251	0,71381	6,99739	15,0899	0,2799	2,29644	6,9399	0,15329	0	0	1
20.01.2019	13,2416	29,0632	0,68133	7,98889	22,251	0,7168	7,02556	15,0899	0,27631	2,21401	6,9399	0,16188	0	0	1
21.01.2019	13,29	29,0632	0,67746	8,01622	22,251	0,71421	7,0247	15,0899	0,27642	2,18963	6,9399	0,16442	0	0	1
22.01.2019	13,3895	29,0632	0,66953	8,02596	22,251	0,71329	7,03957	15,0899	0,27452	2,19696	6,9399	0,16366	0	0	1
23.01.2019	12,9296	29,0632	0,7062	8,03986	22,251	0,71198	7,04119	15,0899	0,27431	2,0952	6,9399	0,17426	0	0	1
24.01.2019	12,8967	29,0632	0,70883	8,00889	22,251	0,71491	7,04075	15,0899	0,27437	2,08846	6,9399	0,17496	0	0	1
25.01.2019	13,1778	29,0632	0,68642	8,06951	22,251	0,70918	7,04644	15,0899	0,27364	1,97956	6,9399	0,18828	0	0	1
26.01.2019	13,3435	29,0632	0,6732	8,15978	22,251	0,70064	7,03028	15,0899	0,2757	1,8299	6,9399	0,21808	0	0	1
27.01.2019	13,4867	29,0632	0,66178	8,19	22,251	0,69778	7,04276	15,0899	0,27411	1,79436	6,9399	0,23	0	0	1
28.01.2019	13,2491	29,0632	0,68073	8,16454	22,251	0,70019	7,08517	15,0899	0,2687	2,23213	6,9399	0,15999	0	0	1
29.01.2019	13,671	29,0632	0,64709	8,21992	22,251	0,69496	7,07355	15,0899	0,27018	2,37396	6,9399	0,14601	0	0	1
30.01.2019	13,2803	29,0632	0,67824	8,2072	22,251	0,69616	7,11143	15,0899	0,26535	2,2811	6,9399	0,15489	0	0	1
31.01.2019	13,3381	29,0632	0,67363	8,22464	22,251	0,69451	7,11335	15,0899	0,26511	2,20066	6,9399	0,16327	0	0	1
1.02.2019	13,4305	29,0632	0,66626	8,31814	22,251	0,68567	7,09852	15,0899	0,267	2,05715	6,9399	0,17879	0	0	1
2.02.2019	13,5097	29,0632	0,65994	8,36009	22,251	0,6817	7,10227	15,0899	0,26652	1,89357	6,9399	0,1988	0	0	1
3.02.2019	13,5025	29,0632	0,66052	8,35568	22,251	0,68212	7,13907	15,0899	0,26183	1,93889	6,9399	0,19326	0	0	1
4.02.2019	13,5796	29,0632	0,65438	8,41034	22,251	0,67695	7,14145	15,0899	0,26152	1,71203	6,9399	0,25762	0	0	1
5.02.2019	13,7867	29,0632	0,63786	8,45793	22,251	0,67245	7,13059	15,0899	0,26291	1,35974	6,9399	0,37578	0	0	1
6.02.2019	13,9552	29,0632	0,62442	8,50039	22,251	0,66844	7,14442	15,0899	0,26115	1,2274	6,9399	0,42017	0	0	1
7.02.2019	14,1154	29,0632	0,61165	8,53155	22,251	0,66549	7,17457	15,0899	0,2573	1,44258	6,9399	0,348	0	0	1
8.02.2019	13,9933	29,0632	0,62138	8,55721	22,251	0,66307	7,19097	15,0899	0,25521	0,91192	6,9399	0,52599	0	0	1
9.02.2019	14,0865	29,0632	0,61395	8,58053	22,251	0,66086	7,22721	15,0899	0,25059	0,82692	6,9399	0,5545	0	0	1
10.02.2019	14,1096	29,0632	0,61211	8,61967	22,251	0,65716	7,24112	15,0899	0,24881	0,63918	6,9399	0,61747	0	0	1
11.02.2019	14,2332	29,0632	0,60225	8,65305	22,251	0,654	7,24316	15,0899	0,24855	0,506	6,9399	0,66214	0	0	1
12.02.2019	14,2189	29,0632	0,60339	8,68363	22,251	0,65111	7,25513	15,0899	0,24702	0,59296	6,9399	0,63297	0	0	1
13.02.2019	14,032	29,0632	0,6183	8,67964	22,251	0,65149	7,29688	15,0899	0,2417	0,7302	6,9399	0,58694	0	0	1
14.02.2019	13,9665	29,0632	0,62353	8,68387	22,251	0,65109	7,32241	15,0899	0,23844	0,71262	6,9399	0,59284	0	0	1
15.02.2019	14,0791	29,0632	0,61455	8,74515	22,251	0,6453	7,32198	15,0899	0,2385	0,50859	6,9399	0,66127	0	0	1
16.02.2019	13,9929	29,0632	0,62141	8,7706	22,251	0,64289	7,35014	15,0899	0,23491	0,56756	6,9399	0,64149	0	0	1
17.02.2019	13,9176	29,0632	0,62742	8,82827	22,251	0,63744	7,39083	15,0899	0,22972	0,56915	6,9399	0,64096	0	0	1
18.02.2019	13,745	29,0632	0,64119	8,83382	22,251	0,63691	7,42491	15,0899	0,22537	0,35497	6,9399	0,7128	0	0	1
19.02.2019	14,385	29,0632	0,59015	8,91505	22,251	0,62923	7,42139	15,0899	0,22582	0,16698	6,9399	0,77586	0	0	1
20.02.2019	14,7633	29,0632	0,55998	8,96091	22,251	0,6249	7,44981	15,0899	0,22219	0,13003	6,9399	0,78825	0	0	1

21.02.2019	14,0092	29,0632	0,62012	8,88162	22,251	0,63239	7,56446	15,0899	0,20757	0,10044	6,9399	0,79818	0	0	1
22.02.2019	13,7594	29,0632	0,64004	8,80199	22,251	0,63992	7,62098	15,0899	0,20036	0,01147	6,9399	0,93039	0	0	1
23.02.2019	13,3311	29,0632	0,67419	8,73633	22,251	0,64613	7,72156	15,0899	0,19334	0,00246	6,9399	0,96814	0	0	1
24.02.2019	13,7813	29,0632	0,63829	8,94148	22,251	0,62673	7,58907	15,0899	0,20443	0,15823	6,9399	0,77879	0	0	1
25.02.2019	13,5528	29,0632	0,65651	8,86783	22,251	0,6337	7,59094	15,0899	0,20419	0,22738	6,9399	0,7556	0	0	1
26.02.2019	13,4629	29,0632	0,66368	8,82398	22,251	0,63784	7,61694	15,0899	0,20088	0,30265	6,9399	0,73035	0	0	1
27.02.2019	13,9818	29,0632	0,6223	8,97913	22,251	0,62317	7,59025	15,0899	0,20428	0,25102	6,9399	0,74767	0	0	1
28.02.2019	14,2775	29,0632	0,59872	9,04959	22,251	0,61651	7,58763	15,0899	0,20461	0,16049	6,9399	0,77803	0	0	1
1.03.2019	14,755	29,0632	0,56065	9,16837	22,251	0,60528	7,58327	15,0899	0,20517	0,03798	6,9399	0,87335	0	0	1
2.03.2019	14,9075	29,0632	0,54848	9,19936	22,251	0,60235	7,62865	15,0899	0,19967	0,01071	6,9399	0,93278	0	0	1
3.03.2019	14,9354	29,0632	0,54626	9,23019	22,251	0,59944	7,66574	15,0899	0,19714	0,04992	6,9399	0,85516	0	0	1
4.03.2019	15,0049	29,0632	0,54071	9,27594	22,251	0,59511	7,64978	15,0899	0,19823	0,08179	6,9399	0,81474	0	0	1
5.03.2019	14,8805	29,0632	0,55063	9,31965	22,251	0,59098	7,62735	15,0899	0,19976	0,06787	6,9399	0,83112	0	0	1
6.03.2019	14,6379	29,0632	0,56998	9,28947	22,251	0,59383	7,62382	15,0899	0,2	0,14857	6,9399	0,78203	0	0	1
7.03.2019	14,5598	29,0632	0,57621	9,27641	22,251	0,59507	7,71713	15,0899	0,19364	0,20986	6,9399	0,76147	0	0	1
8.03.2019	14,7331	29,0632	0,56239	9,34849	22,251	0,58825	7,77569	15,0899	0,18965	0,02484	6,9399	0,89766	0	0	1
9.03.2019	14,5884	29,0632	0,57393	9,39953	22,251	0,58343	7,84231	15,0899	0,18512	0,08217	6,9399	0,81432	0	0	1
10.03.2019	14,2984	29,0632	0,59705	9,46794	22,251	0,57696	7,92311	15,0899	0,17961	0,06806	6,9399	0,83088	0	0	1
11.03.2019	14,6056	29,0632	0,57256	9,41943	22,251	0,58154	7,86739	15,0899	0,18341	0,06437	6,9399	0,83566	0	0	1
12.03.2019	14,3591	29,0632	0,59221	9,47805	22,251	0,576	7,96171	15,0899	0,17698	0,24812	6,9399	0,74864	0	0	1
13.03.2019	14,2269	29,0632	0,60276	9,44781	22,251	0,57886	8,07835	15,0899	0,16976	0,08023	6,9399	0,81648	0	0	1
14.03.2019	14,8611	29,0632	0,55219	9,47819	22,251	0,57599	8,02362	15,0899	0,17303	0,15951	6,9399	0,77836	0	0	1
15.03.2019	14,9762	29,0632	0,543	9,47356	22,251	0,57643	8,06007	15,0899	0,17085	0,10615	6,9399	0,79626	0	0	1
16.03.2019	14,4937	29,0632	0,58148	9,48073	22,251	0,57575	7,99281	15,0899	0,17488	0,27852	6,9399	0,73844	0	0	1
17.03.2019	14,5325	29,0632	0,57839	9,51613	22,251	0,5724	8,05192	15,0899	0,17134	0,1707	6,9399	0,77461	0	0	1
18.03.2019	14,6537	29,0632	0,56872	9,4811	22,251	0,57571	8,08105	15,0899	0,16959	0,10228	6,9399	0,79756	0	0	1
19.03.2019	14,697	29,0632	0,56527	9,48236	22,251	0,57559	8,11748	15,0899	0,16741	0,06525	6,9399	0,83452	0	0	1
20.03.2019	14,9789	29,0632	0,54279	9,40439	22,251	0,58297	8,17173	15,0899	0,16416	0,01008	6,9399	0,93474	0	0	1
21.03.2019	15,1537	29,0632	0,52885	9,45461	22,251	0,57822	8,19829	15,0899	0,16257	0,0127	6,9399	0,92676	0	0	1
22.03.2019	14,8138	29,0632	0,55596	9,33435	22,251	0,58959	8,21215	15,0899	0,16174	1,9E-05	6,9399	0,99823	0	0	1
23.03.2019	14,8846	29,0632	0,55031	9,46161	22,251	0,57756	8,22451	15,0899	0,161	0,00162	6,9399	0,97412	0	0	1
24.03.2019	14,6314	29,0632	0,5705	9,00248	22,251	0,62097	8,23239	15,0899	0,16053	0,16042	6,9399	0,77806	0	0	1
25.03.2019	15,0567	29,0632	0,53658	8,75258	22,251	0,64459	8,26234	15,0899	0,15874	0,04547	6,9399	0,86193	0	0	1
26.03.2019	15,106	29,0632	0,53265	8,91492	22,251	0,62924	8,2838	15,0899	0,15745	0,01081	6,9399	0,93246	0	0	1
27.03.2019	14,822	29,0632	0,5553	8,86629	22,251	0,63384	8,30733	15,0899	0,15604	0,02437	6,9399	0,89855	0	0	1
28.03.2019	14,9477	29,0632	0,54528	8,7797	22,251	0,64203	8,32581	15,0899	0,15493	0,02654	6,9399	0,89447	0	0	1
29.03.2019	15,2295	29,0632	0,52281	8,42353	22,251	0,6757	8,2813	15,0899	0,1576	0,00065	6,9399	0,98317	0	0	1
30.03.2019	15,2496	29,0632	0,5212	8,40587	22,251	0,67737	7,99658	15,0899	0,17465	0,00027	6,9399	0,98883	0	0	1
31.03.2019	15,1621	29,0632	0,52818	8,5184	22,251	0,66674	7,87323	15,0899	0,18301	0,02711	6,9399	0,8934	0	0	1
1.04.2019	15,2029	29,0632	0,52493	8,5213	22,251	0,66646	7,44829	15,0899	0,22239	0,0235	6,9399	0,90022	0	0	1

2.04.2019	15,1549	29,0632	0,52875	8,50779	22,251	0,66774	6,45984	15,0899	0,34846	0,18025	6,9399	0,77141	0	0	1
3.04.2019	15,0645	29,0632	0,53596	8,51085	22,251	0,66745	7,82001	15,0899	0,18663	0,20735	6,9399	0,76232	0	0	1
4.04.2019	15,4132	29,0632	0,50816	8,79314	22,251	0,64076	8,2774	15,0899	0,15783	0,82891	6,9399	0,55383	0	0	1
5.04.2019	15,585	29,0632	0,49446	8,92651	22,251	0,62815	8,33274	15,0899	0,15452	1,03102	6,9399	0,48604	0	0	1
6.04.2019	15,6298	29,0632	0,49089	9,05051	22,251	0,61643	8,36575	15,0899	0,15254	1,08548	6,9399	0,46777	0	0	1
7.04.2019	15,4451	29,0632	0,50561	9,0734	22,251	0,61426	8,3963	15,0899	0,15071	1,03121	6,9399	0,48597	0	0	1
8.04.2019	15,0883	29,0632	0,53407	8,97359	22,251	0,6237	8,44391	15,0899	0,14816	0,83899	6,9399	0,55045	0	0	1
9.04.2019	15,085	29,0632	0,53433	8,79519	22,251	0,64057	8,45401	15,0899	0,14764	1,22649	6,9399	0,42047	0	0	1
10.04.2019	14,9823	29,0632	0,54252	8,93148	22,251	0,62768	8,4885	15,0899	0,14585	0,93456	6,9399	0,51839	0	0	1
11.04.2019	15,5842	29,0632	0,49452	8,95269	22,251	0,62567	8,46415	15,0899	0,14711	0,60376	6,9399	0,62935	0	0	1
12.04.2019	16,0757	29,0632	0,45533	8,99513	22,251	0,62166	8,47041	15,0899	0,14679	0,95	6,9399	0,51321	0	0	1
13.04.2019	16,1717	29,0632	0,44767	9,14048	22,251	0,60792	8,49544	15,0899	0,1455	0,87622	6,9399	0,53796	0	0	1
14.04.2019	16,3224	29,0632	0,43566	9,19056	22,251	0,60318	8,46108	15,0899	0,14727	1,25731	6,9399	0,41014	0	0	1
15.04.2019	16,2796	29,0632	0,43907	9,21557	22,251	0,60082	8,48552	15,0899	0,14601	1,34452	6,9399	0,38089	0	0	1
16.04.2019	16,1657	29,0632	0,44815	9,23959	22,251	0,59855	8,52129	15,0899	0,14416	1,60224	6,9399	0,29444	0	0	1
17.04.2019	16,2289	29,0632	0,44311	9,27763	22,251	0,59495	8,53241	15,0899	0,14359	1,40017	6,9399	0,36222	0	0	1
18.04.2019	16,7594	29,0632	0,40081	9,37186	22,251	0,58604	8,49702	15,0899	0,14542	2,94539	6,9399	0,10213	0	0	1
19.04.2019	17,0896	29,0632	0,37447	9,38911	22,251	0,58441	8,4171	15,0899	0,14954	4,49851	6,9399	0,04029	0	0	1
20.04.2019	17,1266	29,0632	0,37153	9,38853	22,251	0,58447	8,42757	15,0899	0,149	4,83318	6,9399	0,03326	0	0	1
21.04.2019	17,2494	29,0632	0,36174	9,45521	22,251	0,57816	8,46323	15,0899	0,14716	3,9954	6,9399	0,05418	0	0	1
22.04.2019	17,1456	29,0632	0,37001	9,45349	22,251	0,57832	8,48183	15,0899	0,1462	3,07821	6,9399	0,09397	0	0	1
23.04.2019	17,3452	29,0632	0,3541	9,47012	22,251	0,57675	8,52545	15,0899	0,14395	1,83527	6,9399	0,21628	0	0	1
24.04.2019	17,2274	29,0632	0,36349	9,49691	22,251	0,57422	8,51749	15,0899	0,14436	2,10053	6,9399	0,1737	0	0	1
25.04.2019	17,3221	29,0632	0,35594	9,53102	22,251	0,57099	8,54779	15,0899	0,14279	1,12472	6,9399	0,45461	0	0	1
26.04.2019	17,1861	29,0632	0,36678	9,54062	22,251	0,57009	8,57076	15,0899	0,14161	1,37103	6,9399	0,37199	0	0	1
27.04.2019	17,3833	29,0632	0,35106	9,56205	22,251	0,56806	8,59951	15,0899	0,14012	1,07405	6,9399	0,47161	0	0	1
28.04.2019	17,2179	29,0632	0,36424	9,5859	22,251	0,56581	8,61971	15,0899	0,13908	1,31438	6,9399	0,391	0	0	1
29.04.2019	17,3811	29,0632	0,35123	9,61694	22,251	0,56287	8,65337	15,0899	0,13734	0,70795	6,9399	0,5944	0	0	1
30.04.2019	17,3623	29,0632	0,35273	9,61341	22,251	0,5632	8,67397	15,0899	0,13628	0,94413	6,9399	0,51518	0	0	1
1.05.2019	17,5502	29,0632	0,33775	9,65797	22,251	0,55899	8,69295	15,0899	0,1353	0,90343	6,9399	0,52884	0	0	1
2.05.2019	17,2609	29,0632	0,36081	9,62503	22,251	0,56211	8,6989	15,0899	0,13499	1,65961	6,9399	0,2752	0	0	1
3.05.2019	17,3261	29,0632	0,35562	9,63558	22,251	0,56111	8,72451	15,0899	0,13367	1,75539	6,9399	0,24307	0	0	1
4.05.2019	17,4009	29,0632	0,34966	9,70004	22,251	0,55501	8,74689	15,0899	0,13252	1,30501	6,9399	0,39414	0	0	1
5.05.2019	17,3065	29,0632	0,35718	9,69373	22,251	0,55561	8,76957	15,0899	0,13135	1,24096	6,9399	0,41562	0	0	1
6.05.2019	17,687	29,0632	0,32684	9,85221	22,251	0,54063	8,80799	15,0899	0,12936	1,15226	6,9399	0,44537	0	0	1
7.05.2019	17,8403	29,0632	0,31461	9,8932	22,251	0,53675	8,82786	15,0899	0,12834	0,64142	6,9399	0,61672	0	0	1
8.05.2019	17,9259	29,0632	0,30779	9,92616	22,251	0,53363	8,85117	15,0899	0,12713	0,57148	6,9399	0,64018	0	0	1
9.05.2019	18,002	29,0632	0,30172	9,97158	22,251	0,52934	8,88039	15,0899	0,12563	0,14685	6,9399	0,78261	0	0	1
10.05.2019	18,0665	29,0632	0,29658	10,0016	22,251	0,5265	8,9021	15,0899	0,12459	0,28699	6,9399	0,7356	0	0	1
11.05.2019	18,082	29,0632	0,29534	10,0262	22,251	0,52417	8,89954	15,0899	0,1247	0,84634	6,9399	0,54798	0	0	1

12.05.2019	18,1342	29,0632	0,29118	10,053	22,251	0,52164	8,93898	15,0899	0,123	0,59265	6,9399	0,63308	0	0	1
13.05.2019	18,101	29,0632	0,29383	10,0922	22,251	0,51794	8,91806	15,0899	0,1239	1,64653	6,9399	0,27958	0	0	1
14.05.2019	18,2169	29,0632	0,28458	10,1239	22,251	0,51494	8,9674	15,0899	0,12178	1,96532	6,9399	0,19002	0	0	1
15.05.2019	18,1696	29,0632	0,28835	10,0951	22,251	0,51767	9,00075	15,0899	0,12035	5,28784	6,9399	0,02557	0	0	1
16.05.2019	17,8098	29,0632	0,31705	10,0601	22,251	0,52097	9,04297	15,0899	0,11854	4,86794	6,9399	0,03261	0	0	1
17.05.2019	18,6924	29,0632	0,24667	10,2938	22,251	0,49888	9,03816	15,0899	0,11875	3,37986	6,9399	0,07826	0	0	1
18.05.2019	21,6023	29,0632	0,10741	10,7938	22,251	0,4516	8,96817	15,0899	0,12175	5,54194	6,9399	0,0222	0	0	1
19.05.2019	19,8327	29,0632	0,17341	10,7082	22,251	0,45969	9,02345	15,0899	0,11938	7,07676	6,9399	0,00945	0	0	1
20.05.2019	20,5189	29,0632	0,14469	10,8143	22,251	0,44966	9,04028	15,0899	0,11866	6,44009	6,9399	0,01347	0	0	1
21.05.2019	24,6512	29,0632	0,04295	11,586	22,251	0,3767	9,04556	15,0899	0,11843	7,72431	6,9399	0,00685	1	0	1
22.05.2019	24,1832	29,0632	0,04966	11,5087	22,251	0,38401	9,06932	15,0899	0,11741	6,31733	6,9399	0,01433	1	0	1
23.05.2019	24,3098	29,0632	0,04779	11,3808	22,251	0,3961	9,10322	15,0899	0,11595	6,67815	6,9399	0,01182	1	0	1
24.05.2019	25,6309	29,0632	0,0315	11,9224	22,251	0,34489	9,25858	15,0899	0,10928	7,96	6,9399	0,00591	1	0	1
25.05.2019	26,2434	29,0632	0,02583	12,3163	22,251	0,30765	9,29948	15,0899	0,10753	8,22054	6,9399	0,00495	1	0	1
26.05.2019	24,5405	29,0632	0,04443	11,8812	22,251	0,34879	9,17925	15,0899	0,11269	8,14993	6,9399	0,00515	1	0	1
27.05.2019	23,68	29,0632	0,058	11,8879	22,251	0,34816	9,40874	15,0899	0,10284	8,92624	6,9399	0,004	0	0	1
28.05.2019	23,4253	29,0632	0,06267	11,6728	22,251	0,3685	9,20073	15,0899	0,11177	8,10849	6,9399	0,00531	0	0	1
29.05.2019	23,6785	29,0632	0,05803	11,801	22,251	0,35637	9,26789	15,0899	0,10888	8,36395	6,9399	0,00476	0	0	1
30.05.2019	23,1639	29,0632	0,06781	11,3935	22,251	0,3949	9,22638	15,0899	0,11067	5,97645	6,9399	0,01741	0	0	1
31.05.2019	22,8199	29,0632	0,07511	11,6426	22,251	0,37135	9,26076	15,0899	0,10919	7,45551	6,9399	0,00793	0	0	1
1.06.2019	22,7511	29,0632	0,07669	11,5309	22,251	0,38191	9,31354	15,0899	0,10692	7,95852	6,9399	0,00591	0	0	1
2.06.2019	22,1921	29,0632	0,09029	11,641	22,251	0,3715	9,31322	15,0899	0,10694	8,43961	6,9399	0,00466	0	0	1
3.06.2019	21,3143	29,0632	0,1165	11,3044	22,251	0,40332	9,30398	15,0899	0,10733	5,68989	6,9399	0,02031	0	0	1
4.06.2019	20,8643	29,0632	0,13176	11,1294	22,251	0,41987	9,3222	15,0899	0,10655	3,486	6,9399	0,07341	0	0	1
5.06.2019	21,8676	29,0632	0,09915	11,2977	22,251	0,40396	9,347	15,0899	0,10549	4,61631	6,9399	0,03769	0	0	1
6.06.2019	22,0992	29,0632	0,09277	11,2943	22,251	0,40428	9,36871	15,0899	0,10455	4,71367	6,9399	0,03558	0	0	1
7.06.2019	22,088	29,0632	0,09307	11,4588	22,251	0,38873	9,3894	15,0899	0,10367	4,77763	6,9399	0,0343	0	0	1
8.06.2019	22,305	29,0632	0,0874	11,4917	22,251	0,38562	9,40858	15,0899	0,10284	4,87445	6,9399	0,03248	0	0	1
9.06.2019	22,551	29,0632	0,08134	11,4724	22,251	0,38744	9,4245	15,0899	0,10216	3,10335	6,9399	0,09255	0	0	1
10.06.2019	22,6828	29,0632	0,07825	11,5084	22,251	0,38404	9,45652	15,0899	0,10078	4,4232	6,9399	0,04216	0	0	1
11.06.2019	22,5409	29,0632	0,08158	11,5084	22,251	0,38403	9,45606	15,0899	0,1008	4,0909	6,9399	0,05122	0	0	1
12.06.2019	22,499	29,0632	0,08259	11,7313	22,251	0,36296	9,47904	15,0899	0,09984	6,39116	6,9399	0,01381	0	0	1
13.06.2019	21,9011	29,0632	0,09821	11,9897	22,251	0,33853	9,46721	15,0899	0,10033	5,51486	6,9399	0,02255	0	0	1
14.06.2019	22,3622	29,0632	0,08594	12,0712	22,251	0,33082	9,52748	15,0899	0,09801	2,86898	6,9399	0,10744	0	0	1
15.06.2019	21,6387	29,0632	0,10626	12,3312	22,251	0,30624	9,54826	15,0899	0,09722	1,92891	6,9399	0,19448	0	0	1
16.06.2019	21,9965	29,0632	0,09554	12,3537	22,251	0,30412	9,57059	15,0899	0,09638	1,66699	6,9399	0,27272	0	0	1
17.06.2019	21,7122	29,0632	0,10394	12,3806	22,251	0,30157	9,61113	15,0899	0,09486	2,86236	6,9399	0,1079	0	0	1
18.06.2019	19,8309	29,0632	0,17349	12,3697	22,251	0,3026	9,64828	15,0899	0,09352	2,21524	6,9399	0,16175	0	0	1
19.06.2019	19,3326	29,0632	0,19735	12,4571	22,251	0,29434	9,66769	15,0899	0,09282	1,93879	6,9399	0,19327	0	0	1
20.06.2019	20,3976	29,0632	0,14923	12,4854	22,251	0,29166	9,70337	15,0899	0,09154	4,05634	6,9399	0,05229	0	0	1

21.06.2019	19,0929	29,0632	0,21473	12,6381	22,251	0,27723	9,77767	15,0899	0,08892	4,80723	6,9399	0,03374	0	0	1
22.06.2019	18,6651	29,0632	0,24885	12,6208	22,251	0,27886	9,76714	15,0899	0,08928	3,29819	6,9399	0,08223	0	0	1
23.06.2019	19,3339	29,0632	0,19729	12,2125	22,251	0,31746	9,80397	15,0899	0,08802	3,833	6,9399	0,05963	0	0	1
24.06.2019	18,8499	29,0632	0,2341	12,2125	22,251	0,31747	9,80821	15,0899	0,08787	4,00628	6,9399	0,05384	0	0	1
25.06.2019	19,676	29,0632	0,18078	12,1797	22,251	0,32057	9,79406	15,0899	0,08836	3,00779	6,9399	0,09811	0	0	1
26.06.2019	21,8725	29,0632	0,09901	12,0694	22,251	0,33099	9,78451	15,0899	0,08868	4,2871	6,9399	0,04561	0	0	1
27.06.2019	21,3596	29,0632	0,11507	12,0439	22,251	0,33341	9,82492	15,0899	0,0873	3,0851	6,9399	0,09358	0	0	1
28.06.2019	21,3852	29,0632	0,11426	12,1497	22,251	0,3234	9,83019	15,0899	0,08712	3,27039	6,9399	0,08362	0	0	1
29.06.2019	21,5984	29,0632	0,10753	12,2272	22,251	0,31608	9,85159	15,0899	0,08639	4,00257	6,9399	0,05395	0	0	1
30.06.2019	21,6451	29,0632	0,10606	12,154	22,251	0,323	9,87293	15,0899	0,08566	1,96365	6,9399	0,19023	0	0	1
1.07.2019	21,6096	29,0632	0,10718	12,3231	22,251	0,30701	9,90988	15,0899	0,08443	1,6423	6,9399	0,281	0	0	1
2.07.2019	21,8922	29,0632	0,09846	12,3841	22,251	0,30124	9,93849	15,0899	0,0835	1,15811	6,9399	0,44341	0	0	1
3.07.2019	22,3458	29,0632	0,08636	12,4528	22,251	0,29475	9,9594	15,0899	0,08282	1,70953	6,9399	0,25846	0	0	1
4.07.2019	21,5218	29,0632	0,10995	12,4995	22,251	0,29033	9,9777	15,0899	0,08223	1,87302	6,9399	0,20362	0	0	1
5.07.2019	21,7191	29,0632	0,10372	12,5175	22,251	0,28863	10,0031	15,0899	0,08141	1,63034	6,9399	0,28502	0	0	1
6.07.2019	20,746	29,0632	0,13619	12,4998	22,251	0,2903	10,0226	15,0899	0,08078	1,12672	6,9399	0,45394	0	0	1
7.07.2019	22,4227	29,0632	0,08443	12,5887	22,251	0,2819	10,0483	15,0899	0,07996	1,90349	6,9399	0,19759	0	0	1
8.07.2019	20,9228	29,0632	0,12957	12,3827	22,251	0,30137	10,0742	15,0899	0,07917	1,58702	6,9399	0,29955	0	0	1
9.07.2019	21,0159	29,0632	0,12608	12,4318	22,251	0,29673	10,099	15,0899	0,07841	1,21268	6,9399	0,42511	0	0	1
10.07.2019	21,725	29,0632	0,10354	12,4482	22,251	0,29519	10,1316	15,0899	0,07742	0,72143	6,9399	0,58988	0	0	1
11.07.2019	22,5334	29,0632	0,08176	12,6529	22,251	0,27583	10,1531	15,0899	0,07677	0,43151	6,9399	0,68713	0	0	1
12.07.2019	21,6544	29,0632	0,10576	12,4038	22,251	0,29938	10,2217	15,0899	0,0747	0,86593	6,9399	0,54141	0	0	1
13.07.2019	21,2255	29,0632	0,1193	12,4209	22,251	0,29777	10,2433	15,0899	0,07408	0,66982	6,9399	0,60719	0	0	1
14.07.2019	22,3007	29,0632	0,08751	12,8328	22,251	0,25882	10,2475	15,0899	0,07396	0,36562	6,9399	0,70923	0	0	1
15.07.2019	22,7348	29,0632	0,07706	12,7703	22,251	0,26473	10,247	15,0899	0,07397	0,22992	6,9399	0,75475	0	0	1
16.07.2019	22,9891	29,0632	0,07144	13,0216	22,251	0,24097	10,2554	15,0899	0,07373	0,01025	6,9399	0,93423	0	0	1
17.07.2019	21,9241	29,0632	0,09756	12,8438	22,251	0,25778	10,3171	15,0899	0,07196	0,0629	6,9399	0,83756	0	0	1
18.07.2019	22,6569	29,0632	0,07885	12,9424	22,251	0,24846	10,3432	15,0899	0,07121	0,30484	6,9399	0,72962	0	0	1
19.07.2019	21,7759	29,0632	0,10193	12,7846	22,251	0,26337	10,3578	15,0899	0,07079	0,21505	6,9399	0,75973	0	0	1
20.07.2019	21,8235	29,0632	0,10043	12,7488	22,251	0,26676	10,3817	15,0899	0,0701	0,57664	6,9399	0,63845	0	0	1
21.07.2019	23,1075	29,0632	0,06895	12,9644	22,251	0,24637	10,398	15,0899	0,06966	0,7076	6,9399	0,59452	0	0	1
22.07.2019	22,4283	29,0632	0,0843	12,9426	22,251	0,24843	10,4455	15,0899	0,06839	0,47964	6,9399	0,67098	0	0	1
23.07.2019	22,3783	29,0632	0,08553	12,9762	22,251	0,24526	10,4671	15,0899	0,06781	0,21913	6,9399	0,75836	0	0	1
24.07.2019	22,6384	29,0632	0,07927	13,026	22,251	0,24055	10,4828	15,0899	0,06738	0,17092	6,9399	0,77453	0	0	1
25.07.2019	22,6755	29,0632	0,07842	13,0142	22,251	0,24167	10,5049	15,0899	0,06679	0,15826	6,9399	0,77878	0	0	1
26.07.2019	22,6813	29,0632	0,07829	13,0786	22,251	0,23558	10,5203	15,0899	0,06638	0,16379	6,9399	0,77693	0	0	1
27.07.2019	23,5838	29,0632	0,05969	13,2805	22,251	0,21649	10,5319	15,0899	0,06607	0,12869	6,9399	0,7887	0	0	1
28.07.2019	23,934	29,0632	0,05366	13,3656	22,251	0,20844	10,5427	15,0899	0,06578	0,18158	6,9399	0,77096	0	0	1
29.07.2019	23,9426	29,0632	0,05352	13,072	22,251	0,23621	10,5338	15,0899	0,06602	0,03457	6,9399	0,87938	0	0	1
30.07.2019	23,8574	29,0632	0,0549	13,0625	22,251	0,2371	10,5586	15,0899	0,06535	0,01758	6,9399	0,91362	0	0	1

31.07.2019	23,8034	29,0632	0,05584	12,7805	22,251	0,26376	10,5787	15,0899	0,06483	0,03899	6,9399	0,87182	0	0	1
1.08.2019	23,2098	29,0632	0,06688	12,6669	22,251	0,2745	10,6242	15,0899	0,06369	0,09107	6,9399	0,80439	0	0	1
2.08.2019	23,5749	29,0632	0,05985	12,7596	22,251	0,26574	10,6254	15,0899	0,06366	0,04994	6,9399	0,85512	0	0	1
3.08.2019	23,7467	29,0632	0,05684	12,6682	22,251	0,27438	10,6301	15,0899	0,06355	0,03595	6,9399	0,87679	0	0	1
4.08.2019	23,9438	29,0632	0,0535	12,5286	22,251	0,28758	10,6329	15,0899	0,06348	0,01977	6,9399	0,90848	0	0	1
5.08.2019	23,8851	29,0632	0,05445	12,4763	22,251	0,29253	10,6678	15,0899	0,0626	0,03143	6,9399	0,88529	0	0	1
6.08.2019	23,9414	29,0632	0,05354	12,6358	22,251	0,27744	10,709	15,0899	0,06158	0,02946	6,9399	0,88898	0	0	1
7.08.2019	23,403	29,0632	0,06309	12,1644	22,251	0,32201	10,7986	15,0899	0,05939	0,1197	6,9399	0,79172	0	0	1
8.08.2019	22,7655	29,0632	0,07636	11,8631	22,251	0,3505	10,8509	15,0899	0,05818	0,26763	6,9399	0,7421	0	0	1
9.08.2019	23,2627	29,0632	0,0658	12,0243	22,251	0,33526	10,854	15,0899	0,05811	0,12038	6,9399	0,79149	0	0	1
10.08.2019	23,3325	29,0632	0,06443	12,2876	22,251	0,31037	10,8926	15,0899	0,05722	0,13092	6,9399	0,78795	0	0	1
11.08.2019	23,1817	29,0632	0,06745	12,1308	22,251	0,32519	10,9012	15,0899	0,05702	0,1613	6,9399	0,77776	0	0	1
12.08.2019	23,1347	29,0632	0,0684	12,1069	22,251	0,32745	10,9239	15,0899	0,0565	0,15689	6,9399	0,77924	0	0	1
13.08.2019	23,3532	29,0632	0,06404	12,255	22,251	0,31345	10,936	15,0899	0,05622	0,10245	6,9399	0,7975	0	0	1
14.08.2019	23,9949	29,0632	0,05268	12,6533	22,251	0,27579	10,9307	15,0899	0,05634	0,01188	6,9399	0,92917	0	0	1
15.08.2019	23,8943	29,0632	0,05431	12,5772	22,251	0,28298	10,9762	15,0899	0,05529	0,04659	6,9399	0,86022	0	0	1
16.08.2019	23,9625	29,0632	0,0532	12,683	22,251	0,27298	10,9888	15,0899	0,055	0,03345	6,9399	0,88148	0	0	1
17.08.2019	24,0508	29,0632	0,05177	12,6304	22,251	0,27796	10,9904	15,0899	0,05497	0,02383	6,9399	0,89957	0	0	1
18.08.2019	24,0152	29,0632	0,05235	12,5807	22,251	0,28265	11,0273	15,0899	0,05419	0,03962	6,9399	0,87086	0	0	1
19.08.2019	23,7795	29,0632	0,05626	12,4311	22,251	0,2968	11,0616	15,0899	0,05346	0,06622	6,9399	0,83326	0	0	1
20.08.2019	23,8154	29,0632	0,05563	12,5429	22,251	0,28622	11,0801	15,0899	0,05307	0,03238	6,9399	0,8835	0	0	1
21.08.2019	24,1184	29,0632	0,05068	12,7774	22,251	0,26406	11,0765	15,0899	0,05314	0,00734	6,9399	0,94416	0	0	1
22.08.2019	24,0398	29,0632	0,05195	12,7719	22,251	0,26458	11,0994	15,0899	0,05266	0,00692	6,9399	0,94574	0	0	1
23.08.2019	24,1329	29,0632	0,05045	12,8652	22,251	0,25576	11,1155	15,0899	0,05232	0,01222	6,9399	0,92819	0	0	1
24.08.2019	24,2995	29,0632	0,04794	12,9274	22,251	0,24988	11,1301	15,0899	0,05201	0,00222	6,9399	0,96984	1	0	1
25.08.2019	24,3505	29,0632	0,04718	13,0748	22,251	0,23593	11,1523	15,0899	0,05154	0,0014	6,9399	0,97584	1	0	1
26.08.2019	24,478	29,0632	0,04529	13,0743	22,251	0,23599	11,1665	15,0899	0,05124	0,00273	6,9399	0,96623	1	0	1
27.08.2019	24,527	29,0632	0,04461	13,119	22,251	0,23176	11,1919	15,0899	0,0507	3,9E-05	6,9399	0,99744	1	0	1
28.08.2019	24,5276	29,0632	0,0446	13,2007	22,251	0,22403	11,2079	15,0899	0,05037	0,05729	6,9399	0,84484	1	0	1
29.08.2019	24,7412	29,0632	0,04175	13,4254	22,251	0,20279	11,203	15,0899	0,05047	0,14355	6,9399	0,78372	1	0	1
30.08.2019	24,6254	29,0632	0,0433	13,4664	22,251	0,19937	11,222	15,0899	0,05007	0,12083	6,9399	0,79134	1	0	1
31.08.2019	24,9556	29,0632	0,03901	13,6857	22,251	0,18731	11,2351	15,0899	0,04981	0,15425	6,9399	0,78013	1	0	1
1.09.2019	25,0334	29,0632	0,03809	13,4971	22,251	0,19768	11,238	15,0899	0,04975	0,15106	6,9399	0,7812	1	0	1
2.09.2019	24,8715	29,0632	0,04002	13,2484	22,251	0,21952	11,2777	15,0899	0,04899	0,09223	6,9399	0,80309	1	0	1
3.09.2019	25,1419	29,0632	0,0368	13,0036	22,251	0,24267	11,2888	15,0899	0,04878	0,11338	6,9399	0,79384	1	0	1
4.09.2019	25,3457	29,0632	0,03446	13,1345	22,251	0,23029	11,3203	15,0899	0,04817	0,13459	6,9399	0,78672	1	0	1
5.09.2019	25,1421	29,0632	0,0368	13,0237	22,251	0,24077	11,3734	15,0899	0,04715	0,09202	6,9399	0,80333	1	0	1
6.09.2019	25,2114	29,0632	0,03597	13,1057	22,251	0,23302	11,4103	15,0899	0,04644	0,11667	6,9399	0,79273	1	0	1
7.09.2019	25,0976	29,0632	0,03733	13,3132	22,251	0,2134	11,3965	15,0899	0,04671	0,09741	6,9399	0,79919	1	0	1
8.09.2019	25,1378	29,0632	0,03685	13,2199	22,251	0,22222	11,3382	15,0899	0,04783	0,1068	6,9399	0,79604	1	0	1

9.09.2019	25,2502	29,0632	0,03551	13,0781	22,251	0,23562	11,368	15,0899	0,04726	0,12807	6,9399	0,78891	1	0	1
10.09.2019	25,3414	29,0632	0,0345	13,1248	22,251	0,23121	11,4029	15,0899	0,04658	0,15031	6,9399	0,78145	1	0	1
11.09.2019	25,7278	29,0632	0,03049	12,9662	22,251	0,2462	11,3891	15,0899	0,04685	0,21768	6,9399	0,75885	1	0	1
12.09.2019	25,834	29,0632	0,02947	12,6897	22,251	0,27235	11,3947	15,0899	0,04674	0,22953	6,9399	0,75488	1	0	1
13.09.2019	25,8716	29,0632	0,02914	12,6819	22,251	0,27308	11,4186	15,0899	0,04628	0,22588	6,9399	0,7561	1	0	1
14.09.2019	25,9097	29,0632	0,0288	12,6175	22,251	0,27918	11,4661	15,0899	0,04537	0,20754	6,9399	0,76225	1	0	1
15.09.2019	26,0223	29,0632	0,0278	12,4778	22,251	0,29238	11,4927	15,0899	0,04487	0,25287	6,9399	0,74705	1	0	1
16.09.2019	26,0782	29,0632	0,0273	12,8914	22,251	0,25327	11,5495	15,0899	0,04389	0,22572	6,9399	0,75616	1	0	1
17.09.2019	26,0748	29,0632	0,02733	12,7588	22,251	0,26581	11,5884	15,0899	0,04322	0,17569	6,9399	0,77294	1	0	1
18.09.2019	26,0134	29,0632	0,02788	12,737	22,251	0,26787	11,6302	15,0899	0,0425	0,12685	6,9399	0,78932	1	0	1
19.09.2019	25,949	29,0632	0,02845	12,8364	22,251	0,25848	11,6455	15,0899	0,04223	0,16905	6,9399	0,77516	1	0	1
20.09.2019	26,1128	29,0632	0,02699	13,0333	22,251	0,23986	11,6503	15,0899	0,04215	0,16063	6,9399	0,77799	1	0	1
21.09.2019	26,2743	29,0632	0,02555	13,1607	22,251	0,22781	11,6584	15,0899	0,04201	0,15676	6,9399	0,77928	1	0	1
22.09.2019	26,2644	29,0632	0,02564	13,1557	22,251	0,22828	11,6757	15,0899	0,04171	0,21565	6,9399	0,75953	1	0	1
23.09.2019	26,3842	29,0632	0,02465	13,5496	22,251	0,19479	11,669	15,0899	0,04183	0,21471	6,9399	0,75985	1	0	1
24.09.2019	26,305	29,0632	0,02528	14,4478	22,251	0,14892	11,6672	15,0899	0,04186	0,28084	6,9399	0,73766	1	0	1
25.09.2019	26,4601	29,0632	0,02409	14,3748	22,251	0,15231	11,6704	15,0899	0,0418	0,33033	6,9399	0,72107	1	0	1
26.09.2019	26,5391	29,0632	0,02351	14,5025	22,251	0,1466	11,7054	15,0899	0,0412	0,36516	6,9399	0,70938	1	0	1
27.09.2019	26,6169	29,0632	0,02293	14,5045	22,251	0,14652	11,7311	15,0899	0,04075	0,35177	6,9399	0,71387	1	0	1
28.09.2019	26,6935	29,0632	0,02237	14,4893	22,251	0,14716	11,7566	15,0899	0,04031	0,35747	6,9399	0,71196	1	0	1
29.09.2019	26,7087	29,0632	0,02226	14,5115	22,251	0,14623	11,7724	15,0899	0,04004	0,38445	6,9399	0,70291	1	0	1
30.09.2019	26,778	29,0632	0,02175	14,5087	22,251	0,14634	11,7975	15,0899	0,03965	0,35859	6,9399	0,71159	1	0	1
1.10.2019	26,8255	29,0632	0,0214	14,4384	22,251	0,14931	11,8151	15,0899	0,03938	0,36642	6,9399	0,70896	1	0	1
2.10.2019	26,8721	29,0632	0,02105	14,478	22,251	0,14764	11,8376	15,0899	0,03904	0,3567	6,9399	0,71222	1	0	1
3.10.2019	26,9173	29,0632	0,02072	14,4995	22,251	0,14673	11,8549	15,0899	0,03877	0,36679	6,9399	0,70884	1	0	1
4.10.2019	26,9612	29,0632	0,02039	14,5649	22,251	0,14397	11,8742	15,0899	0,03847	0,36025	6,9399	0,71103	1	0	1
5.10.2019	27,0232	29,0632	0,01995	14,6066	22,251	0,14221	11,8977	15,0899	0,03811	0,37073	6,9399	0,70752	1	0	1
6.10.2019	27,0714	29,0632	0,01967	14,6654	22,251	0,13973	11,9167	15,0899	0,03782	0,41067	6,9399	0,69412	1	0	1
7.10.2019	27,0863	29,0632	0,01958	14,5656	22,251	0,14394	11,944	15,0899	0,0374	0,35954	6,9399	0,71127	1	0	1
8.10.2019	27,1405	29,0632	0,01927	14,5223	22,251	0,14577	11,9629	15,0899	0,03711	0,36921	6,9399	0,70802	1	0	1
9.10.2019	27,0272	29,0632	0,01993	14,3506	22,251	0,15349	12,0021	15,0899	0,03651	0,28489	6,9399	0,73631	1	0	1
10.10.2019	27,0671	29,0632	0,0197	14,2863	22,251	0,15662	12,0244	15,0899	0,03617	0,3025	6,9399	0,7304	1	0	1
11.10.2019	27,2284	29,0632	0,01876	14,3708	22,251	0,1525	12,0364	15,0899	0,03599	0,34604	6,9399	0,7158	1	0	1
12.10.2019	27,2369	29,0632	0,01871	14,413	22,251	0,15045	12,0705	15,0899	0,03546	0,30005	6,9399	0,73122	1	0	1
13.10.2019	27,0484	29,0632	0,0198	14,2801	22,251	0,15693	12,1041	15,0899	0,03496	0,27535	6,9399	0,73951	1	0	1
14.10.2019	27,0815	29,0632	0,01961	14,2698	22,251	0,15743	12,1247	15,0899	0,03468	0,26764	6,9399	0,74209	1	0	1
15.10.2019	27,091	29,0632	0,01956	14,3108	22,251	0,15543	12,1476	15,0899	0,03437	0,26467	6,9399	0,74309	1	0	1
16.10.2019	27,2327	29,0632	0,01873	14,4933	22,251	0,147	12,1658	15,0899	0,03413	0,27758	6,9399	0,73876	1	0	1
17.10.2019	27,195	29,0632	0,01895	14,3939	22,251	0,15137	12,1904	15,0899	0,0338	0,25057	6,9399	0,74782	1	0	1
18.10.2019	27,2634	29,0632	0,01856	14,4306	22,251	0,14964	12,2118	15,0899	0,03351	0,25897	6,9399	0,745	1	0	1

19.10.2019	27,3833	29,0632	0,01786	14,4753	22,251	0,14775	12,2325	15,0899	0,03324	0,25163	6,9399	0,74746	1	0	1
20.10.2019	27,4983	29,0632	0,01719	14,5138	22,251	0,14613	12,2545	15,0899	0,03294	0,21696	6,9399	0,75909	1	0	1
21.10.2019	27,5654	29,0632	0,0168	14,5574	22,251	0,14429	12,2727	15,0899	0,0327	0,20822	6,9399	0,76202	1	0	1
22.10.2019	27,6163	29,0632	0,0165	14,5397	22,251	0,14504	12,2964	15,0899	0,03238	0,22113	6,9399	0,75769	1	0	1
23.10.2019	27,5743	29,0632	0,01675	14,6186	22,251	0,14171	12,316	15,0899	0,03212	0,30767	6,9399	0,72867	1	0	1
24.10.2019	27,533	29,0632	0,01699	14,5621	22,251	0,14409	12,3375	15,0899	0,03184	0,28544	6,9399	0,73612	1	0	1
25.10.2019	27,678	29,0632	0,01615	14,1021	22,251	0,16561	12,3686	15,0899	0,03142	0,25696	6,9399	0,74568	1	0	1
26.10.2019	27,6918	29,0632	0,01607	14,0542	22,251	0,16794	12,3894	15,0899	0,03114	0,22894	6,9399	0,75507	1	0	1
27.10.2019	27,7458	29,0632	0,01575	13,8294	22,251	0,17941	12,4127	15,0899	0,03083	0,22359	6,9399	0,75687	1	0	1
28.10.2019	27,8163	29,0632	0,01534	13,3607	22,251	0,2089	12,4468	15,0899	0,03037	0,2172	6,9399	0,75901	1	0	1
29.10.2019	27,8457	29,0632	0,01517	13,2405	22,251	0,22027	12,4776	15,0899	0,02997	0,18955	6,9399	0,76829	1	0	1
30.10.2019	27,9135	29,0632	0,01484	13,2133	22,251	0,22284	12,487	15,0899	0,02986	0,22857	6,9399	0,7552	1	0	1
31.10.2019	27,9602	29,0632	0,01464	13,3016	22,251	0,21449	12,4986	15,0899	0,02973	0,21568	6,9399	0,75952	1	0	1
1.11.2019	28,0135	29,0632	0,01442	13,193	22,251	0,22476	12,5161	15,0899	0,02953	0,22222	6,9399	0,75733	1	0	1
2.11.2019	28,0309	29,0632	0,01434	12,9445	22,251	0,24826	12,5227	15,0899	0,02946	0,2179	6,9399	0,75878	1	0	1
3.11.2019	28,078	29,0632	0,01415	13,0823	22,251	0,23523	12,5636	15,0899	0,02899	0,20688	6,9399	0,76247	1	0	1
4.11.2019	28,166	29,0632	0,01378	13,2226	22,251	0,22196	12,6014	15,0899	0,02856	0,16874	6,9399	0,77526	1	0	1
5.11.2019	28,2069	29,0632	0,0136	13,3479	22,251	0,21012	12,6187	15,0899	0,02837	0,15438	6,9399	0,78008	1	0	1
6.11.2019	28,2743	29,0632	0,01332	13,6046	22,251	0,19176	12,6425	15,0899	0,0281	0,13877	6,9399	0,78532	1	0	1
7.11.2019	28,0241	29,0632	0,01437	13,8186	22,251	0,18	12,6443	15,0899	0,02808	0,11116	6,9399	0,79458	1	0	1
8.11.2019	28,2775	29,0632	0,01331	13,9689	22,251	0,1721	12,6796	15,0899	0,02768	0,1506	6,9399	0,78135	1	0	1
9.11.2019	17,1005	29,0632	0,37361	13,0001	22,251	0,243	6,78311	15,0899	0,30723	1,47312	6,9399	0,33775	0	0	1
10.11.2019	17,3793	29,0632	0,35137	12,9687	22,251	0,24597	7,41584	15,0899	0,22653	1,51468	6,9399	0,32381	0	0	1
11.11.2019	241,391	29,0632	0,001	15,2358	22,251	0,11713	12,8335	15,0899	0,02593	0,04408	6,9399	0,86406	1	1	1
12.11.2019	241,787	29,0632	0,001	15,2343	22,251	0,11718	12,8583	15,0899	0,02565	0,02686	6,9399	0,89388	1	1	1
13.11.2019	242,188	29,0632	0,001	15,2065	22,251	0,11817	12,8807	15,0899	0,02539	0,01947	6,9399	0,90917	1	1	1
14.11.2019	242,589	29,0632	0,001	15,2529	22,251	0,11652	12,9005	15,0899	0,02517	0,01828	6,9399	0,91195	1	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
21.05.2018	25,0793	46,5743	0,64923	7,7261	29,5103	0,95977	2,29299	16,3589	0,92565	0,07516	6,9399	0,82214	0	0
22.05.2018	26,6569	46,5743	0,56492	8,40664	29,5103	0,93611	2,47065	16,3589	0,90828	0,32909	6,9399	0,72148	0	0
23.05.2018	28,7317	46,5743	0,45406	10,2417	29,5103	0,83765	3,44109	16,3589	0,79118	1,16353	6,9399	0,44159	0	0
24.05.2018	28,4593	46,5743	0,46861	9,9527	29,5103	0,85627	3,13432	16,3589	0,83052	0,74429	6,9399	0,58222	0	0
25.05.2018	29,2049	46,5743	0,42877	10,2914	29,5103	0,83435	3,13231	16,3589	0,83078	0,695	6,9399	0,59875	0	0
26.05.2018	29,5221	46,5743	0,41181	10,1202	29,5103	0,8457	3,17166	16,3589	0,82577	0,71729	6,9399	0,59127	0	0
27.05.2018	29,1583	46,5743	0,43126	10,0717	29,5103	0,84892	3,26297	16,3589	0,81365	0,87711	6,9399	0,53766	0	0
28.05.2018	30,8605	46,5743	0,3403	11,1899	29,5103	0,77047	3,56242	16,3589	0,77702	1,19362	6,9399	0,4315	0	0
29.05.2018	30,4104	46,5743	0,36435	10,4312	29,5103	0,82509	3,25922	16,3589	0,81415	0,82357	6,9399	0,55562	0	0
30.05.2018	30,9512	46,5743	0,33545	10,4959	29,5103	0,8205	3,16569	16,3589	0,82653	0,71438	6,9399	0,59225	0	0
31.05.2018	30,6122	46,5743	0,35357	9,81378	29,5103	0,86474	2,40394	16,3589	0,91501	0,18333	6,9399	0,77037	0	0
1.06.2018	30,8324	46,5743	0,3418	9,72531	29,5103	0,87014	2,31236	16,3589	0,92384	0,09454	6,9399	0,80051	0	0
2.06.2018	30,2719	46,5743	0,37175	9,52615	29,5103	0,8816	2,22017	16,3589	0,93226	0,02353	6,9399	0,90015	0	0
3.06.2018	30,869	46,5743	0,33984	9,53463	29,5103	0,88113	2,27881	16,3589	0,92695	0,01345	6,9399	0,92457	0	0
4.06.2018	31,4934	46,5743	0,30648	10,2289	29,5103	0,8385	2,26978	16,3589	0,92778	0,04645	6,9399	0,86045	0	0
5.06.2018	31,9386	46,5743	0,28269	10,2806	29,5103	0,83507	2,2182	16,3589	0,93244	0,0709	6,9399	0,8272	0	0
6.06.2018	33,231	46,5743	0,21363	11,3362	29,5103	0,75979	2,69635	16,3589	0,88365	0,69928	6,9399	0,59731	0	0
7.06.2018	32,4769	46,5743	0,25392	10,601	29,5103	0,81305	2,30412	16,3589	0,92462	0,27667	6,9399	0,73906	0	0
8.06.2018	33,4003	46,5743	0,20458	12,2456	29,5103	0,69343	2,24524	16,3589	0,93003	0,17132	6,9399	0,7744	0	0
9.06.2018	32,1311	46,5743	0,2724	10,9457	29,5103	0,78828	2,22605	16,3589	0,93174	0,13469	6,9399	0,78669	0	0
10.06.2018	35,9102	46,5743	0,12603	11,3648	29,5103	0,7577	2,41899	16,3589	0,9135	0,09401	6,9399	0,80111	0	0
11.06.2018	35,8826	46,5743	0,12678	11,3382	29,5103	0,75965	2,27249	16,3589	0,92753	0,0001	6,9399	0,99491	0	0
12.06.2018	37,2579	46,5743	0,09543	11,472	29,5103	0,74988	2,16623	16,3589	0,93698	0,00691	6,9399	0,94579	0	0
13.06.2018	35,8898	46,5743	0,12659	11,4493	29,5103	0,75154	2,36193	16,3589	0,91912	0,0822	6,9399	0,81429	0	0
14.06.2018	34,3126	46,5743	0,17187	10,6137	29,5103	0,81215	2,372	16,3589	0,91813	0,08309	6,9399	0,81329	0	0
15.06.2018	35,0666	46,5743	0,14884	11,3387	29,5103	0,75961	2,66001	16,3589	0,88771	0,05611	6,9399	0,84636	0	0
16.06.2018	35,1684	46,5743	0,14608	11,6263	29,5103	0,73863	2,76292	16,3589	0,87622	0,00023	6,9399	0,98952	0	0
17.06.2018	35,6899	46,5743	0,13199	12,3847	29,5103	0,68329	3,18005	16,3589	0,82469	0,06747	6,9399	0,83164	0	0
18.06.2018	35,3431	46,5743	0,14136	12,2072	29,5103	0,69624	3,10844	16,3589	0,83382	0,17468	6,9399	0,77328	0	0
19.06.2018	34,4466	46,5743	0,16775	11,6947	29,5103	0,73363	2,86091	16,3589	0,8645	0,18078	6,9399	0,77123	0	0
20.06.2018	34,2452	46,5743	0,17395	11,0418	29,5103	0,78127	2,68659	16,3589	0,88474	0,02609	6,9399	0,89532	0	0
21.06.2018	35,6056	46,5743	0,13427	11,6775	29,5103	0,73489	3,42645	16,3589	0,79289	0,12665	6,9399	0,78938	0	0
22.06.2018	35,8411	46,5743	0,1279	11,9954	29,5103	0,71169	3,65068	16,3589	0,76672	0,00714	6,9399	0,94484	0	0
23.06.2018	35,974	46,5743	0,12441	11,9353	29,5103	0,71608	3,3188	16,3589	0,80622	0,02846	6,9399	0,89086	0	0
24.06.2018	35,1704	46,5743	0,14603	11,7902	29,5103	0,72667	3,40717	16,3589	0,79514	0,2159	6,9399	0,75945	0	0
25.06.2018	35,3131	46,5743	0,14217	12,0261	29,5103	0,70945	3,46781	16,3589	0,78806	0,15015	6,9399	0,7815	0	0

26.06.2018	36,0288	46,5743	0,12315	12,2313	29,5103	0,69448	3,69297	16,3589	0,76179	0,39701	6,9399	0,6987	0	0
27.06.2018	36,023	46,5743	0,12329	12,4187	29,5103	0,68081	3,66936	16,3589	0,76454	0,38293	6,9399	0,70342	0	0
28.06.2018	36,0298	46,5743	0,12313	13,104	29,5103	0,63081	3,64374	16,3589	0,76753	0,31766	6,9399	0,72531	0	0
29.06.2018	34,6082	46,5743	0,16278	12,7758	29,5103	0,65475	3,48763	16,3589	0,78575	0,13866	6,9399	0,78536	0	0
30.06.2018	33,8172	46,5743	0,18858	12,4271	29,5103	0,68019	3,28938	16,3589	0,81013	0,12588	6,9399	0,78964	0	0
1.07.2018	33,1014	46,5743	0,22055	12,468	29,5103	0,67721	3,28139	16,3589	0,8112	0,15366	6,9399	0,78032	0	0
2.07.2018	34,2391	46,5743	0,17414	11,8242	29,5103	0,72418	3,19487	16,3589	0,82271	0,20044	6,9399	0,76463	0	0
3.07.2018	35,4784	46,5743	0,1377	12,1765	29,5103	0,69848	3,4816	16,3589	0,78645	0,38007	6,9399	0,70438	0	0
4.07.2018	36,1162	46,5743	0,12114	12,3212	29,5103	0,68792	3,24255	16,3589	0,81637	0,5466	6,9399	0,64852	0	0
5.07.2018	35,4226	46,5743	0,13921	11,3895	29,5103	0,7559	3,22368	16,3589	0,81888	0,50437	6,9399	0,66269	0	0
6.07.2018	35,7576	46,5743	0,13016	11,6226	29,5103	0,7389	3,53881	16,3589	0,77978	0,67324	6,9399	0,60605	0	0
7.07.2018	36,199	46,5743	0,11924	11,65	29,5103	0,7369	3,41505	16,3589	0,79422	0,55919	6,9399	0,6443	0	0
8.07.2018	35,933	46,5743	0,12542	11,1737	29,5103	0,77165	3,41602	16,3589	0,7941	0,53574	6,9399	0,65217	0	0
9.07.2018	35,3768	46,5743	0,14045	10,6641	29,5103	0,80858	3,65086	16,3589	0,7667	0,67632	6,9399	0,60501	0	0
10.07.2018	33,8293	46,5743	0,18816	10,3925	29,5103	0,82765	4,26813	16,3589	0,69467	1,03093	6,9399	0,48607	0	0
11.07.2018	31,5107	46,5743	0,30555	9,42463	29,5103	0,88721	4,6198	16,3589	0,65363	1,1793	6,9399	0,4363	0	0
12.07.2018	32,0254	46,5743	0,27805	10,4496	29,5103	0,82379	4,99544	16,3589	0,60979	1,33529	6,9399	0,38398	0	0
13.07.2018	31,8689	46,5743	0,28641	10,0207	29,5103	0,85212	4,96714	16,3589	0,6131	1,31038	6,9399	0,39234	0	0
14.07.2018	31,8886	46,5743	0,28536	10,0825	29,5103	0,84821	4,98945	16,3589	0,61049	1,31352	6,9399	0,39128	0	0
15.07.2018	33,8702	46,5743	0,18675	11,3545	29,5103	0,75845	4,56393	16,3589	0,66015	1,17852	6,9399	0,43657	0	0
16.07.2018	32,2649	46,5743	0,26525	9,08351	29,5103	0,90558	3,45581	16,3589	0,78946	0,78566	6,9399	0,56834	0	0
17.07.2018	32,4805	46,5743	0,25373	9,08491	29,5103	0,90551	3,13676	16,3589	0,83021	0,64549	6,9399	0,61535	0	0
18.07.2018	33,2782	46,5743	0,21111	9,48374	29,5103	0,88394	3,16926	16,3589	0,82607	0,89345	6,9399	0,53218	0	0
19.07.2018	33,4427	46,5743	0,20231	9,40269	29,5103	0,88842	3,35297	16,3589	0,80167	0,86255	6,9399	0,54255	0	0
20.07.2018	34,1585	46,5743	0,17681	9,97683	29,5103	0,85479	3,71869	16,3589	0,75878	1,14587	6,9399	0,44752	0	0
21.07.2018	34,1351	46,5743	0,17762	9,79568	29,5103	0,86584	3,53934	16,3589	0,77971	1,11103	6,9399	0,4592	0	0
22.07.2018	34,2758	46,5743	0,17301	9,86341	29,5103	0,86171	3,58164	16,3589	0,77478	1,12449	6,9399	0,45469	0	0
23.07.2018	34,9239	46,5743	0,15306	10,2373	29,5103	0,83794	3,78372	16,3589	0,7512	1,13832	6,9399	0,45005	0	0
24.07.2018	34,8816	46,5743	0,15437	10,0875	29,5103	0,84787	3,67194	16,3589	0,76424	1,10235	6,9399	0,46212	0	0
25.07.2018	35,2481	46,5743	0,14393	10,1633	29,5103	0,84285	3,70975	16,3589	0,75983	0,88253	6,9399	0,53585	0	0
26.07.2018	35,594	46,5743	0,13458	10,3043	29,5103	0,8335	3,71499	16,3589	0,75922	0,71445	6,9399	0,59223	0	0
27.07.2018	35,6865	46,5743	0,13208	10,1684	29,5103	0,84251	3,61373	16,3589	0,77103	0,51628	6,9399	0,65869	0	0
28.07.2018	36,0615	46,5743	0,1224	10,1994	29,5103	0,84045	3,58657	16,3589	0,7742	0,33495	6,9399	0,71952	0	0
29.07.2018	36,1126	46,5743	0,12123	10,1279	29,5103	0,8452	3,55588	16,3589	0,77778	0,49101	6,9399	0,66717	0	0
30.07.2018	36,4154	46,5743	0,11426	10,5373	29,5103	0,81757	3,86637	16,3589	0,74155	0,75383	6,9399	0,57901	0	0
31.07.2018	36,7847	46,5743	0,10577	10,9749	29,5103	0,78615	4,08984	16,3589	0,71547	0,58558	6,9399	0,63545	0	0
1.08.2018	36,5227	46,5743	0,11179	10,7822	29,5103	0,8002	4,14938	16,3589	0,70852	0,64624	6,9399	0,6151	0	0
2.08.2018	37,152	46,5743	0,09761	11,1665	29,5103	0,77218	4,21331	16,3589	0,70107	0,51683	6,9399	0,65851	0	0
3.08.2018	36,9418	46,5743	0,10215	10,9641	29,5103	0,78694	4,08356	16,3589	0,71621	0,48543	6,9399	0,66904	0	0
4.08.2018	37,8591	46,5743	0,08396	11,1819	29,5103	0,77104	4,19379	16,3589	0,70334	0,5253	6,9399	0,65567	0	0

5.08.2018	38,059	46,5743	0,0804	11,2623	29,5103	0,76518	4,23767	16,3589	0,69822	0,60349	6,9399	0,62944	0	0
6.08.2018	38,2119	46,5743	0,07779	11,3627	29,5103	0,75786	4,28046	16,3589	0,69323	0,59699	6,9399	0,63162	0	0
7.08.2018	38,3409	46,5743	0,07562	11,6819	29,5103	0,73457	4,539	16,3589	0,66306	0,77597	6,9399	0,57159	0	0
8.08.2018	39,0546	46,5743	0,06457	12,1157	29,5103	0,70291	4,9668	16,3589	0,61314	1,09852	6,9399	0,4634	0	0
9.08.2018	38,9769	46,5743	0,06571	12,0389	29,5103	0,70852	4,79845	16,3589	0,63278	0,94195	6,9399	0,51592	0	0
10.08.2018	39,4637	46,5743	0,0589	12,4241	29,5103	0,68041	5,1214	16,3589	0,5951	1,18938	6,9399	0,43292	0	0
11.08.2018	39,7732	46,5743	0,05486	12,6387	29,5103	0,66476	5,27617	16,3589	0,57703	1,33361	6,9399	0,38454	0	0
12.08.2018	39,8215	46,5743	0,05428	12,6671	29,5103	0,66268	5,26874	16,3589	0,5779	1,30759	6,9399	0,39327	0	0
13.08.2018	40,9414	46,5743	0,04183	13,237	29,5103	0,6211	5,80081	16,3589	0,51581	1,88497	6,9399	0,19986	1	0
14.08.2018	41,37	46,5743	0,03778	13,8236	29,5103	0,5783	6,29487	16,3589	0,45816	2,33763	6,9399	0,14916	1	0
15.08.2018	41,185	46,5743	0,03945	13,7957	29,5103	0,58033	6,33598	16,3589	0,45336	2,33925	6,9399	0,14902	1	0
16.08.2018	41,3733	46,5743	0,03775	13,5805	29,5103	0,59604	6,15049	16,3589	0,47501	2,16192	6,9399	0,16731	1	0
17.08.2018	41,6767	46,5743	0,03502	13,1689	29,5103	0,62607	5,5565	16,3589	0,54432	1,66642	6,9399	0,27291	1	0
18.08.2018	40,1966	46,5743	0,04976	13,3798	29,5103	0,61068	5,62155	16,3589	0,53673	1,85377	6,9399	0,21007	1	0
19.08.2018	42,1634	46,5743	0,03116	13,5554	29,5103	0,59787	5,81386	16,3589	0,51429	1,92819	6,9399	0,19457	1	0
20.08.2018	37,7957	46,5743	0,0851	13,7278	29,5103	0,58529	5,94241	16,3589	0,49929	2,03401	6,9399	0,18162	0	0
21.08.2018	38,6903	46,5743	0,07001	13,6129	29,5103	0,59367	6,02041	16,3589	0,49019	2,13859	6,9399	0,16974	0	0
22.08.2018	39,3666	46,5743	0,06018	13,6472	29,5103	0,59117	6,09928	16,3589	0,48098	2,1904	6,9399	0,16434	0	0
23.08.2018	38,4902	46,5743	0,0732	13,6135	29,5103	0,59363	5,98614	16,3589	0,49418	2,06533	6,9399	0,17779	0	0
24.08.2018	37,4871	46,5743	0,09092	12,8515	29,5103	0,64923	5,64097	16,3589	0,53446	1,78474	6,9399	0,23323	0	0
25.08.2018	38,7178	46,5743	0,0696	12,8944	29,5103	0,6461	5,63259	16,3589	0,53544	1,76468	6,9399	0,23996	0	0
26.08.2018	38,6384	46,5743	0,07084	12,7754	29,5103	0,65478	5,58552	16,3589	0,54093	1,69371	6,9399	0,26376	0	0
27.08.2018	37,142	46,5743	0,09781	12,4143	29,5103	0,68113	5,11348	16,3589	0,59602	1,21455	6,9399	0,42448	0	0
28.08.2018	37,2646	46,5743	0,0953	12,7581	29,5103	0,65604	5,10109	16,3589	0,59747	1,17131	6,9399	0,43898	0	0
29.08.2018	36,6799	46,5743	0,10818	12,6241	29,5103	0,66582	5,19949	16,3589	0,58598	1,24337	6,9399	0,41481	0	0
30.08.2018	36,9937	46,5743	0,10096	12,7542	29,5103	0,65633	5,42849	16,3589	0,55926	1,46425	6,9399	0,34072	0	0
31.08.2018	37,2404	46,5743	0,09579	12,401	29,5103	0,6821	5,30616	16,3589	0,57353	1,33018	6,9399	0,38569	0	0
1.09.2018	37,5075	46,5743	0,09052	12,2484	29,5103	0,69324	5,11675	16,3589	0,59564	1,11375	6,9399	0,45829	0	0
2.09.2018	37,9462	46,5743	0,08241	12,5289	29,5103	0,67277	5,20366	16,3589	0,5855	1,18514	6,9399	0,43434	0	0
3.09.2018	38,1098	46,5743	0,07952	12,5771	29,5103	0,66925	5,23779	16,3589	0,58151	1,19823	6,9399	0,42995	0	0
4.09.2018	38,401	46,5743	0,07463	12,5702	29,5103	0,66975	5,25443	16,3589	0,57957	1,18998	6,9399	0,43272	0	0
5.09.2018	38,9957	46,5743	0,06543	13,0282	29,5103	0,63633	5,73235	16,3589	0,5238	1,64446	6,9399	0,28028	0	0
6.09.2018	38,9728	46,5743	0,06577	12,8531	29,5103	0,64911	5,76628	16,3589	0,51984	1,65357	6,9399	0,27722	0	0
7.09.2018	39,0909	46,5743	0,06406	12,9172	29,5103	0,64444	5,88562	16,3589	0,50591	1,74716	6,9399	0,24583	0	0
8.09.2018	39,2947	46,5743	0,06119	13,2217	29,5103	0,62222	6,10285	16,3589	0,48056	1,94731	6,9399	0,19223	0	0
9.09.2018	39,4001	46,5743	0,05973	13,2355	29,5103	0,62121	6,15139	16,3589	0,4749	1,967	6,9399	0,18982	0	0
10.09.2018	39,2928	46,5743	0,06122	13,172	29,5103	0,62584	6,14061	16,3589	0,47616	1,94236	6,9399	0,19283	0	0
11.09.2018	39,1029	46,5743	0,06389	13,1586	29,5103	0,62682	6,23123	16,3589	0,46558	2,00254	6,9399	0,18547	0	0
12.09.2018	39,0047	46,5743	0,06529	13,2629	29,5103	0,61921	6,31563	16,3589	0,45573	2,05706	6,9399	0,1788	0	0
13.09.2018	39,3955	46,5743	0,05979	13,1574	29,5103	0,62691	6,11142	16,3589	0,47956	1,83026	6,9399	0,21796	0	0

14.09.2018	39,1802	46,5743	0,0628	12,8561	29,5103	0,64889	5,95487	16,3589	0,49783	1,66261	6,9399	0,27419	0	0
15.09.2018	39,6233	46,5743	0,05681	13,0333	29,5103	0,63597	5,91458	16,3589	0,50253	1,59216	6,9399	0,29782	0	0
16.09.2018	39,7791	46,5743	0,05479	13,1061	29,5103	0,63065	6,01935	16,3589	0,49031	1,66999	6,9399	0,27172	0	0
17.09.2018	39,7069	46,5743	0,05572	13,2095	29,5103	0,62311	6,28808	16,3589	0,45895	1,90808	6,9399	0,19703	0	0
18.09.2018	39,7475	46,5743	0,05519	13,1188	29,5103	0,62972	6,20784	16,3589	0,46831	1,80195	6,9399	0,22745	0	0
19.09.2018	39,7762	46,5743	0,05483	13,2553	29,5103	0,61977	6,2228	16,3589	0,46657	1,79676	6,9399	0,2292	0	0
20.09.2018	39,445	46,5743	0,05914	12,9973	29,5103	0,63859	6,03399	16,3589	0,4886	1,59	6,9399	0,29855	0	0
21.09.2018	39,8835	46,5743	0,05353	13,0088	29,5103	0,63775	5,88874	16,3589	0,50555	1,40457	6,9399	0,36074	0	0
22.09.2018	40,2989	46,5743	0,04863	13,0829	29,5103	0,63235	5,94298	16,3589	0,49922	1,4394	6,9399	0,34906	1	0
23.09.2018	40,388	46,5743	0,04764	13,1466	29,5103	0,6277	5,9915	16,3589	0,49356	1,46381	6,9399	0,34087	1	0
24.09.2018	40,5516	46,5743	0,04583	13,3579	29,5103	0,61228	6,1282	16,3589	0,47761	1,59177	6,9399	0,29795	1	0
25.09.2018	40,1757	46,5743	0,04999	13,4757	29,5103	0,60368	6,28891	16,3589	0,45885	1,74067	6,9399	0,24801	1	0
26.09.2018	40,2447	46,5743	0,04923	13,5717	29,5103	0,59668	6,30819	16,3589	0,4566	1,73201	6,9399	0,25091	1	0
27.09.2018	39,7426	46,5743	0,05525	13,6996	29,5103	0,58735	6,27806	16,3589	0,46012	1,67094	6,9399	0,2714	0	0
28.09.2018	39,7312	46,5743	0,0554	13,6528	29,5103	0,59076	6,27115	16,3589	0,46092	1,64364	6,9399	0,28055	0	0
29.09.2018	39,86	46,5743	0,05381	13,745	29,5103	0,58404	6,29578	16,3589	0,45805	1,63919	6,9399	0,28205	0	0
30.09.2018	40,6331	46,5743	0,04494	13,859	29,5103	0,57571	6,29803	16,3589	0,45779	1,61588	6,9399	0,28987	1	0
1.10.2018	40,5165	46,5743	0,04622	13,9065	29,5103	0,57225	6,37888	16,3589	0,44835	1,67468	6,9399	0,27014	1	0
2.10.2018	40,1249	46,5743	0,05061	13,6196	29,5103	0,59318	6,19641	16,3589	0,46965	1,47461	6,9399	0,33725	0	0
3.10.2018	41,2837	46,5743	0,03856	13,6328	29,5103	0,59222	6,14423	16,3589	0,47574	1,38355	6,9399	0,36779	1	0
4.10.2018	41,5863	46,5743	0,03583	13,7923	29,5103	0,58059	6,24783	16,3589	0,46365	1,46095	6,9399	0,34183	1	0
5.10.2018	40,3436	46,5743	0,04813	13,5446	29,5103	0,59865	6,05308	16,3589	0,48637	1,23174	6,9399	0,41871	1	0
6.10.2018	40,2024	46,5743	0,0497	13,6743	29,5103	0,5892	6,15653	16,3589	0,4743	1,31401	6,9399	0,39112	1	0
7.10.2018	40,7909	46,5743	0,04335	13,5918	29,5103	0,59521	6,13926	16,3589	0,47632	1,27801	6,9399	0,40319	1	0
8.10.2018	40,6432	46,5743	0,04483	13,5711	29,5103	0,59673	6,1417	16,3589	0,47603	1,25976	6,9399	0,40932	1	0
9.10.2018	39,9532	46,5743	0,05268	13,6068	29,5103	0,59412	6,17924	16,3589	0,47165	1,2674	6,9399	0,40675	0	0
10.10.2018	40,344	46,5743	0,04813	13,7484	29,5103	0,58379	6,28409	16,3589	0,45941	1,3483	6,9399	0,37962	1	0
11.10.2018	41,1063	46,5743	0,04018	13,948	29,5103	0,56922	6,73649	16,3589	0,40662	1,76782	6,9399	0,2389	1	0
12.10.2018	40,8691	46,5743	0,04256	13,8763	29,5103	0,57446	6,63912	16,3589	0,41798	1,64552	6,9399	0,27992	1	0
13.10.2018	40,9407	46,5743	0,04184	13,9053	29,5103	0,57234	6,65574	16,3589	0,41604	1,63975	6,9399	0,28186	1	0
14.10.2018	40,8618	46,5743	0,04263	13,934	29,5103	0,57024	6,68937	16,3589	0,41212	1,64665	6,9399	0,27954	1	0
15.10.2018	41,0765	46,5743	0,04047	13,9311	29,5103	0,57046	6,47098	16,3589	0,4376	1,4251	6,9399	0,35386	1	0
16.10.2018	41,298	46,5743	0,03843	14,0807	29,5103	0,55954	6,59246	16,3589	0,42343	1,5122	6,9399	0,32464	1	0
17.10.2018	41,691	46,5743	0,0349	14,16	29,5103	0,55376	6,64827	16,3589	0,41692	1,54724	6,9399	0,31289	1	0
18.10.2018	41,6972	46,5743	0,03485	14,127	29,5103	0,55616	6,7051	16,3589	0,41029	1,57688	6,9399	0,30295	1	0
19.10.2018	41,7991	46,5743	0,03404	14,1288	29,5103	0,55603	6,69442	16,3589	0,41153	1,54158	6,9399	0,31479	1	0
20.10.2018	42,0813	46,5743	0,03181	14,2494	29,5103	0,54723	6,73816	16,3589	0,40643	1,56115	6,9399	0,30822	1	0
21.10.2018	42,3956	46,5743	0,02942	14,299	29,5103	0,54361	6,78281	16,3589	0,40122	1,59181	6,9399	0,29794	1	0
22.10.2018	42,5073	46,5743	0,02866	14,2916	29,5103	0,54415	6,77703	16,3589	0,40189	1,56192	6,9399	0,30796	1	0
23.10.2018	42,655	46,5743	0,02765	14,3027	29,5103	0,54334	6,77068	16,3589	0,40263	1,53606	6,9399	0,31664	1	0

24.10.2018	42,7555	46,5743	0,02697	14,335	29,5103	0,54099	6,79517	16,3589	0,39977	1,52143	6,9399	0,32155	1	0
25.10.2018	43,0566	46,5743	0,02494	14,4363	29,5103	0,5336	6,85947	16,3589	0,39227	1,5625	6,9399	0,30777	1	0
26.10.2018	43,25	46,5743	0,02384	14,4841	29,5103	0,53011	6,87093	16,3589	0,39093	1,55498	6,9399	0,31029	1	0
27.10.2018	43,4818	46,5743	0,02253	14,5869	29,5103	0,52261	6,92239	16,3589	0,38493	1,58338	6,9399	0,30077	1	0
28.10.2018	43,6428	46,5743	0,02162	14,6312	29,5103	0,51938	6,94875	16,3589	0,38185	1,58816	6,9399	0,29917	1	0
29.10.2018	43,7215	46,5743	0,02118	14,6626	29,5103	0,51708	7,03874	16,3589	0,37135	1,66232	6,9399	0,27429	1	0
30.10.2018	43,8007	46,5743	0,02073	14,7567	29,5103	0,51022	7,08072	16,3589	0,36645	1,67891	6,9399	0,26873	1	0
31.10.2018	43,7648	46,5743	0,02094	14,7796	29,5103	0,50855	7,07005	16,3589	0,3677	1,65614	6,9399	0,27636	1	0
1.11.2018	43,73	46,5743	0,02113	14,7944	29,5103	0,50747	7,04174	16,3589	0,371	1,61734	6,9399	0,28937	1	0
2.11.2018	43,9309	46,5743	0,02	14,8699	29,5103	0,50196	7,04904	16,3589	0,37015	1,61299	6,9399	0,29083	1	0
3.11.2018	43,868	46,5743	0,02035	14,9549	29,5103	0,49576	7,10734	16,3589	0,36335	1,64243	6,9399	0,28096	1	0
4.11.2018	43,8439	46,5743	0,02049	14,9044	29,5103	0,49944	7,03321	16,3589	0,372	1,54442	6,9399	0,31383	1	0
5.11.2018	44,0591	46,5743	0,01942	14,9716	29,5103	0,49454	7,07193	16,3589	0,36748	1,55325	6,9399	0,31087	1	0
6.11.2018	44,1722	46,5743	0,01891	15,0156	29,5103	0,49133	7,06672	16,3589	0,36808	1,52536	6,9399	0,32023	1	0
7.11.2018	44,4403	46,5743	0,0177	14,9918	29,5103	0,49307	7,05541	16,3589	0,36941	1,48372	6,9399	0,33419	1	0
8.11.2018	44,9899	46,5743	0,01522	15,056	29,5103	0,48838	7,08982	16,3589	0,36539	1,48429	6,9399	0,334	1	0
9.11.2018	45,1076	46,5743	0,01478	15,2476	29,5103	0,4744	7,19563	16,3589	0,35304	1,57484	6,9399	0,30363	1	0
10.11.2018	44,7886	46,5743	0,01613	15,252	29,5103	0,47408	7,20044	16,3589	0,35248	1,55709	6,9399	0,30958	1	0
11.11.2018	44,7314	46,5743	0,01639	15,2749	29,5103	0,47241	7,24507	16,3589	0,34727	1,58064	6,9399	0,30169	1	0
12.11.2018	45,2816	46,5743	0,01421	15,3748	29,5103	0,46512	7,32743	16,3589	0,33766	1,63447	6,9399	0,28363	1	0
13.11.2018	45,0553	46,5743	0,01495	15,4527	29,5103	0,45944	7,39138	16,3589	0,3302	1,67505	6,9399	0,27002	1	0
14.11.2018	46,0013	46,5743	0,01187	15,7778	29,5103	0,43571	7,77813	16,3589	0,28507	2,03642	6,9399	0,18132	1	0
15.11.2018	46,1649	46,5743	0,01133	15,79	29,5103	0,43482	7,84627	16,3589	0,27712	2,08858	6,9399	0,17495	1	0
16.11.2018	46,3436	46,5743	0,01075	15,9708	29,5103	0,42163	7,95419	16,3589	0,26452	2,17659	6,9399	0,16578	1	0
17.11.2018	46,6173	46,5743	0,00991	16,004	29,5103	0,41921	8,02962	16,3589	0,25572	2,23126	6,9399	0,16008	1	1
18.11.2018	46,6857	46,5743	0,00978	15,938	29,5103	0,42403	7,95369	16,3589	0,26458	2,12858	6,9399	0,17078	1	1
19.11.2018	47,3124	46,5743	0,00854	16,2243	29,5103	0,40314	8,36053	16,3589	0,2171	2,52662	6,9399	0,13278	1	1
20.11.2018	47,4719	46,5743	0,00822	16,2797	29,5103	0,3991	8,60861	16,3589	0,19353	2,76618	6,9399	0,11459	1	1
21.11.2018	47,4925	46,5743	0,00818	16,1819	29,5103	0,40623	8,51103	16,3589	0,19975	2,64317	6,9399	0,12313	1	1
22.11.2018	47,8638	46,5743	0,00745	16,2602	29,5103	0,40052	8,61304	16,3589	0,19325	2,73428	6,9399	0,1168	1	1
23.11.2018	48,1235	46,5743	0,00693	16,3134	29,5103	0,39664	8,67385	16,3589	0,18938	2,78972	6,9399	0,11295	1	1
24.11.2018	48,2795	46,5743	0,00662	16,3853	29,5103	0,39139	8,81987	16,3589	0,18008	2,92002	6,9399	0,1039	1	1
25.11.2018	48,4821	46,5743	0,00622	16,4592	29,5103	0,386	8,83923	16,3589	0,17885	2,91852	6,9399	0,104	1	1
26.11.2018	48,3998	46,5743	0,00638	16,4557	29,5103	0,38626	8,94316	16,3589	0,17255	2,98631	6,9399	0,09939	1	1
27.11.2018	48,3796	46,5743	0,00642	16,4622	29,5103	0,38578	8,96592	16,3589	0,17126	2,9863	6,9399	0,09939	1	1
28.11.2018	48,1771	46,5743	0,00682	16,4384	29,5103	0,38752	8,88759	16,3589	0,17576	2,89849	6,9399	0,10539	1	1
29.11.2018	48,9483	46,5743	0,0053	16,4571	29,5103	0,38615	8,85427	16,3589	0,17789	2,85474	6,9399	0,10843	1	1
30.11.2018	48,7049	46,5743	0,00578	16,3998	29,5103	0,39033	8,918	16,3589	0,17396	2,93659	6,9399	0,10275	1	1
1.12.2018	48,8671	46,5743	0,00546	16,4714	29,5103	0,38511	8,92952	16,3589	0,17332	2,89369	6,9399	0,10573	1	1
2.12.2018	48,8227	46,5743	0,00555	16,4507	29,5103	0,38662	8,96255	16,3589	0,17145	2,90816	6,9399	0,10472	1	1

3.12.2018	48,8375	46,5743	0,00552	16,4526	29,5103	0,38648	9,01783	16,3589	0,16834	2,93982	6,9399	0,10252	1	1
4.12.2018	48,5951	46,5743	0,006	16,1456	29,5103	0,40888	8,87574	16,3589	0,17652	2,73992	6,9399	0,11641	1	1
5.12.2018	48,1579	46,5743	0,00686	15,9616	29,5103	0,4223	8,82343	16,3589	0,17985	2,6692	6,9399	0,12132	1	1
6.12.2018	48,5926	46,5743	0,006	16,4902	29,5103	0,38374	9,16839	16,3589	0,15986	2,98672	6,9399	0,09937	1	1
7.12.2018	48,7044	46,5743	0,00578	16,669	29,5103	0,37069	9,31023	16,3589	0,15187	3,12257	6,9399	0,09146	1	1
8.12.2018	48,4558	46,5743	0,00627	16,5546	29,5103	0,37904	9,30283	16,3589	0,15229	3,08993	6,9399	0,09331	1	1
9.12.2018	48,4665	46,5743	0,00625	16,5663	29,5103	0,37819	9,29479	16,3589	0,15274	3,06119	6,9399	0,09493	1	1
10.12.2018	48,7572	46,5743	0,00568	16,6177	29,5103	0,37444	9,35983	16,3589	0,14921	3,0986	6,9399	0,09282	1	1
11.12.2018	48,8407	46,5743	0,00551	16,4907	29,5103	0,3837	9,34053	16,3589	0,15017	3,05738	6,9399	0,09515	1	1
12.12.2018	49,0481	46,5743	0,0051	16,5277	29,5103	0,381	9,33416	16,3589	0,15053	3,02587	6,9399	0,09703	1	1
13.12.2018	49,2062	46,5743	0,00492	16,7226	29,5103	0,36678	9,46117	16,3589	0,14428	3,13949	6,9399	0,09051	1	1
14.12.2018	49,4239	46,5743	0,00476	16,7632	29,5103	0,36382	9,51222	16,3589	0,1418	3,16623	6,9399	0,08906	1	1
15.12.2018	49,5693	46,5743	0,00466	16,7932	29,5103	0,36163	9,53489	16,3589	0,1407	3,17923	6,9399	0,08837	1	1
16.12.2018	49,7839	46,5743	0,0045	16,8637	29,5103	0,35648	9,57291	16,3589	0,13886	3,16671	6,9399	0,08903	1	1
17.12.2018	50,0351	46,5743	0,00432	16,8552	29,5103	0,3571	9,50585	16,3589	0,14211	3,06244	6,9399	0,09486	1	1
18.12.2018	50,1058	46,5743	0,00426	16,8001	29,5103	0,36112	9,40661	16,3589	0,14693	2,93001	6,9399	0,1032	1	1
19.12.2018	50,2947	46,5743	0,00413	16,9615	29,5103	0,34935	9,48443	16,3589	0,14315	2,98447	6,9399	0,0995	1	1
20.12.2018	49,8346	46,5743	0,00446	17,1937	29,5103	0,33241	9,45693	16,3589	0,14449	2,92732	6,9399	0,10339	1	1
21.12.2018	49,6312	46,5743	0,00461	17,2036	29,5103	0,33169	9,58127	16,3589	0,13845	3,02773	6,9399	0,09692	1	1
22.12.2018	48,9292	46,5743	0,00533	17,1209	29,5103	0,33772	9,47061	16,3589	0,14383	2,88907	6,9399	0,10605	1	1
23.12.2018	49,2077	46,5743	0,00492	17,2396	29,5103	0,32906	9,48666	16,3589	0,14305	2,87837	6,9399	0,10679	1	1
24.12.2018	46,4678	46,5743	0,01035	17,19	29,5103	0,33268	9,3838	16,3589	0,14804	2,76732	6,9399	0,11451	1	0
25.12.2018	46,0928	46,5743	0,01157	17,3969	29,5103	0,31758	9,60316	16,3589	0,13739	3,03087	6,9399	0,09673	1	0
26.12.2018	41,8907	46,5743	0,03332	17,4334	29,5103	0,31492	9,53093	16,3589	0,1409	2,92534	6,9399	0,10353	1	0
27.12.2018	41,5854	46,5743	0,03584	17,7754	29,5103	0,28996	9,84686	16,3589	0,12555	3,19351	6,9399	0,08761	1	0
28.12.2018	36,7588	46,5743	0,10636	17,553	29,5103	0,30619	9,52444	16,3589	0,14121	2,79434	6,9399	0,11263	0	0
29.12.2018	34,9053	46,5743	0,15364	17,4845	29,5103	0,31119	9,54231	16,3589	0,14034	2,82178	6,9399	0,11072	0	0
30.12.2018	33,3897	46,5743	0,20514	17,5008	29,5103	0,31	9,49928	16,3589	0,14243	2,73716	6,9399	0,1166	0	0
31.12.2018	35,4336	46,5743	0,13892	17,5735	29,5103	0,30469	9,57343	16,3589	0,13883	2,75413	6,9399	0,11542	0	0
1.01.2019	33,8724	46,5743	0,18668	17,6649	29,5103	0,29803	9,60912	16,3589	0,1371	2,75833	6,9399	0,11513	0	0
2.01.2019	30,9424	46,5743	0,33592	17,3031	29,5103	0,32443	9,30618	16,3589	0,1521	2,52143	6,9399	0,13323	0	0
3.01.2019	31,751	46,5743	0,29271	17,4824	29,5103	0,31134	9,56052	16,3589	0,13946	2,75135	6,9399	0,11562	0	0
4.01.2019	29,6654	46,5743	0,40416	17,1814	29,5103	0,3333	9,31522	16,3589	0,15159	2,47782	6,9399	0,13701	0	0
5.01.2019	29,721	46,5743	0,40119	17,2402	29,5103	0,32901	9,40857	16,3589	0,14684	2,53722	6,9399	0,13186	0	0
6.01.2019	28,0333	46,5743	0,49138	16,74	29,5103	0,36551	8,99347	16,3589	0,16971	2,10199	6,9399	0,17355	0	0
7.01.2019	27,8369	46,5743	0,50187	16,8391	29,5103	0,35828	9,13474	16,3589	0,16176	2,18332	6,9399	0,16508	0	0
8.01.2019	28,0953	46,5743	0,48806	16,5423	29,5103	0,37993	8,90651	16,3589	0,17461	1,92409	6,9399	0,19507	0	0
9.01.2019	27,5174	46,5743	0,51894	16,5641	29,5103	0,37835	8,90731	16,3589	0,17457	1,90322	6,9399	0,19762	0	0
10.01.2019	29,503	46,5743	0,41284	17,2943	29,5103	0,32507	9,57255	16,3589	0,13887	2,60659	6,9399	0,12584	0	0
11.01.2019	30,3158	46,5743	0,36941	17,2945	29,5103	0,32505	9,55829	16,3589	0,13957	2,58816	6,9399	0,12744	0	0

12.01.2019	30,5984	46,5743	0,3543	17,354	29,5103	0,32071	9,63177	16,3589	0,136	2,60902	6,9399	0,12563	0	0
13.01.2019	31,1581	46,5743	0,32439	17,6858	29,5103	0,2965	9,91365	16,3589	0,12275	2,85598	6,9399	0,10835	0	0
14.01.2019	30,7735	46,5743	0,34495	17,3571	29,5103	0,32049	9,5897	16,3589	0,13804	2,53691	6,9399	0,13188	0	0
15.01.2019	31,0704	46,5743	0,32908	17,5575	29,5103	0,30586	9,72288	16,3589	0,13157	2,6584	6,9399	0,12207	0	0
16.01.2019	31,0533	46,5743	0,32999	17,3931	29,5103	0,31786	9,54657	16,3589	0,14014	2,50189	6,9399	0,13492	0	0
17.01.2019	30,9333	46,5743	0,33641	17,2869	29,5103	0,3256	9,37792	16,3589	0,14833	2,35497	6,9399	0,14766	0	0
18.01.2019	30,8949	46,5743	0,33846	17,2483	29,5103	0,32842	9,26545	16,3589	0,1544	2,27804	6,9399	0,15521	0	0
19.01.2019	31,2499	46,5743	0,31949	17,3144	29,5103	0,3236	9,29383	16,3589	0,1528	2,29644	6,9399	0,15329	0	0
20.01.2019	30,4701	46,5743	0,36116	17,2285	29,5103	0,32987	9,23957	16,3589	0,15585	2,21401	6,9399	0,16188	0	0
21.01.2019	30,5206	46,5743	0,35846	17,2305	29,5103	0,32972	9,21432	16,3589	0,15728	2,18963	6,9399	0,16442	0	0
22.01.2019	30,652	46,5743	0,35144	17,2625	29,5103	0,32739	9,23653	16,3589	0,15602	2,19696	6,9399	0,16366	0	0
23.01.2019	30,1059	46,5743	0,38062	17,1763	29,5103	0,33368	9,13639	16,3589	0,16166	2,0952	6,9399	0,17426	0	0
24.01.2019	30,0348	46,5743	0,38442	17,1381	29,5103	0,33646	9,12921	16,3589	0,16207	2,08846	6,9399	0,17496	0	0
25.01.2019	30,2733	46,5743	0,37168	17,0955	29,5103	0,33957	9,026	16,3589	0,16788	1,97956	6,9399	0,18828	0	0
26.01.2019	30,3635	46,5743	0,36686	17,02	29,5103	0,34508	8,86018	16,3589	0,17751	1,8299	6,9399	0,21808	0	0
27.01.2019	30,5138	46,5743	0,35882	17,0271	29,5103	0,34456	8,83712	16,3589	0,17898	1,79436	6,9399	0,23	0	0
28.01.2019	30,7309	46,5743	0,34722	17,4818	29,5103	0,31138	9,3173	16,3589	0,15148	2,23213	6,9399	0,15999	0	0
29.01.2019	31,3384	46,5743	0,31476	17,6674	29,5103	0,29784	9,44751	16,3589	0,14495	2,37396	6,9399	0,14601	0	0
30.01.2019	30,8801	46,5743	0,33925	17,5997	29,5103	0,30278	9,39252	16,3589	0,14762	2,2811	6,9399	0,15489	0	0
31.01.2019	30,8767	46,5743	0,33943	17,5386	29,5103	0,30724	9,31401	16,3589	0,15166	2,20066	6,9399	0,16327	0	0
1.02.2019	30,9043	46,5743	0,33796	17,4738	29,5103	0,31197	9,15567	16,3589	0,16058	2,05715	6,9399	0,17879	0	0
2.02.2019	30,8657	46,5743	0,34002	17,3559	29,5103	0,32057	8,99585	16,3589	0,16958	1,89357	6,9399	0,1988	0	0
3.02.2019	30,9361	46,5743	0,33626	17,4336	29,5103	0,3149	9,07796	16,3589	0,16496	1,93889	6,9399	0,19326	0	0
4.02.2019	30,8434	46,5743	0,34121	17,2638	29,5103	0,32729	8,85348	16,3589	0,17794	1,71203	6,9399	0,25762	0	0
5.02.2019	30,735	46,5743	0,347	16,9483	29,5103	0,35032	8,49033	16,3589	0,20196	1,35974	6,9399	0,37578	0	0
6.02.2019	30,8274	46,5743	0,34206	16,8722	29,5103	0,35586	8,37183	16,3589	0,21579	1,2274	6,9399	0,42017	0	0
7.02.2019	31,2641	46,5743	0,31873	17,1487	29,5103	0,33569	8,61715	16,3589	0,19299	1,44258	6,9399	0,348	0	0
8.02.2019	30,6534	46,5743	0,35136	16,6601	29,5103	0,37134	8,10289	16,3589	0,24717	0,91192	6,9399	0,52599	0	0
9.02.2019	30,7212	46,5743	0,34774	16,6347	29,5103	0,3732	8,05413	16,3589	0,25286	0,82692	6,9399	0,5545	0	0
10.02.2019	30,6096	46,5743	0,35371	16,5	29,5103	0,38302	7,88029	16,3589	0,27315	0,63918	6,9399	0,61747	0	0
11.02.2019	30,6355	46,5743	0,35232	16,4022	29,5103	0,39016	7,74917	16,3589	0,28845	0,506	6,9399	0,66214	0	0
12.02.2019	30,7507	46,5743	0,34617	16,5317	29,5103	0,38071	7,84809	16,3589	0,2769	0,59296	6,9399	0,63297	0	0
13.02.2019	30,7387	46,5743	0,3468	16,7067	29,5103	0,36794	8,02708	16,3589	0,25602	0,7302	6,9399	0,58694	0	0
14.02.2019	30,6853	46,5743	0,34966	16,7189	29,5103	0,36705	8,03503	16,3589	0,25509	0,71262	6,9399	0,59284	0	0
15.02.2019	30,6548	46,5743	0,35129	16,5757	29,5103	0,3775	7,83057	16,3589	0,27895	0,50859	6,9399	0,66127	0	0
16.02.2019	30,6812	46,5743	0,34988	16,6883	29,5103	0,36928	7,9177	16,3589	0,26878	0,56756	6,9399	0,64149	0	0
17.02.2019	30,7058	46,5743	0,34856	16,7883	29,5103	0,36199	7,95998	16,3589	0,26385	0,56915	6,9399	0,64096	0	0
18.02.2019	30,3587	46,5743	0,36711	16,6137	29,5103	0,37473	7,77988	16,3589	0,28486	0,35497	6,9399	0,7128	0	0
19.02.2019	30,8885	46,5743	0,3388	16,5034	29,5103	0,38277	7,58838	16,3589	0,30721	0,16698	6,9399	0,77586	0	0
20.02.2019	31,3041	46,5743	0,31659	16,5408	29,5103	0,38005	7,57985	16,3589	0,30821	0,13003	6,9399	0,78825	0	0

21.02.2019	30,5557	46,5743	0,35659	16,5465	29,5103	0,37963	7,66489	16,3589	0,29828	0,10044	6,9399	0,79818	0	0
22.02.2019	30,1938	46,5743	0,37592	16,4344	29,5103	0,3878	7,63246	16,3589	0,30207	0,01147	6,9399	0,93039	0	0
23.02.2019	29,7915	46,5743	0,39742	16,4604	29,5103	0,38591	7,72402	16,3589	0,29138	0,00246	6,9399	0,96814	0	0
24.02.2019	30,4701	46,5743	0,36116	16,6888	29,5103	0,36925	7,7473	16,3589	0,28866	0,15823	6,9399	0,77879	0	0
25.02.2019	30,239	46,5743	0,37351	16,6861	29,5103	0,36944	7,81832	16,3589	0,28038	0,22738	6,9399	0,7556	0	0
26.02.2019	30,2064	46,5743	0,37525	16,7436	29,5103	0,36525	7,91959	16,3589	0,26856	0,30265	6,9399	0,73035	0	0
27.02.2019	30,8022	46,5743	0,34341	16,8204	29,5103	0,35964	7,84127	16,3589	0,2777	0,25102	6,9399	0,74767	0	0
28.02.2019	31,0752	46,5743	0,32882	16,7977	29,5103	0,3613	7,74811	16,3589	0,28857	0,16049	6,9399	0,77803	0	0
1.03.2019	31,5446	46,5743	0,30374	16,7896	29,5103	0,36189	7,62125	16,3589	0,30337	0,03798	6,9399	0,87335	0	0
2.03.2019	31,7463	46,5743	0,29297	16,8387	29,5103	0,35831	7,63936	16,3589	0,30126	0,01071	6,9399	0,93278	0	0
3.03.2019	31,8813	46,5743	0,28575	16,9459	29,5103	0,35049	7,71566	16,3589	0,29236	0,04992	6,9399	0,85516	0	0
4.03.2019	32,0125	46,5743	0,27874	17,0075	29,5103	0,34599	7,73157	16,3589	0,2905	0,08179	6,9399	0,81474	0	0
5.03.2019	31,8954	46,5743	0,28499	17,0149	29,5103	0,34545	7,69522	16,3589	0,29474	0,06787	6,9399	0,83112	0	0
6.03.2019	31,6997	46,5743	0,29545	17,0619	29,5103	0,34203	7,77239	16,3589	0,28574	0,14857	6,9399	0,78203	0	0
7.03.2019	31,7632	46,5743	0,29206	17,2034	29,5103	0,3317	7,92698	16,3589	0,2677	0,20986	6,9399	0,76147	0	0
8.03.2019	31,8821	46,5743	0,28571	17,149	29,5103	0,33567	7,80054	16,3589	0,28245	0,02484	6,9399	0,89766	0	0
9.03.2019	31,9125	46,5743	0,28408	17,324	29,5103	0,3229	7,92448	16,3589	0,26799	0,08217	6,9399	0,81432	0	0
10.03.2019	31,7576	46,5743	0,29236	17,4591	29,5103	0,31304	7,99117	16,3589	0,26021	0,06806	6,9399	0,83088	0	0
11.03.2019	31,9568	46,5743	0,28172	17,3512	29,5103	0,32092	7,93176	16,3589	0,26714	0,06437	6,9399	0,83566	0	0
12.03.2019	32,047	46,5743	0,27689	17,6879	29,5103	0,29635	8,20983	16,3589	0,23469	0,24812	6,9399	0,74864	0	0
13.03.2019	31,8333	46,5743	0,28831	17,6064	29,5103	0,3023	8,15858	16,3589	0,24067	0,08023	6,9399	0,81648	0	0
14.03.2019	32,5224	46,5743	0,25149	17,6613	29,5103	0,29829	8,18313	16,3589	0,23781	0,15951	6,9399	0,77836	0	0
15.03.2019	32,616	46,5743	0,24649	17,6398	29,5103	0,29986	8,16622	16,3589	0,23978	0,10615	6,9399	0,79626	0	0
16.03.2019	32,2457	46,5743	0,26628	17,7521	29,5103	0,29167	8,27133	16,3589	0,22751	0,27852	6,9399	0,73844	0	0
17.03.2019	32,2713	46,5743	0,26491	17,7387	29,5103	0,29264	8,22262	16,3589	0,2332	0,1707	6,9399	0,77461	0	0
18.03.2019	32,3182	46,5743	0,2624	17,6644	29,5103	0,29806	8,18333	16,3589	0,23778	0,10228	6,9399	0,79756	0	0
19.03.2019	32,3621	46,5743	0,26006	17,6651	29,5103	0,29801	8,18273	16,3589	0,23785	0,06525	6,9399	0,83452	0	0
20.03.2019	32,5651	46,5743	0,24921	17,5862	29,5103	0,30377	8,18181	16,3589	0,23796	0,01008	6,9399	0,93474	0	0
21.03.2019	32,8193	46,5743	0,23562	17,6656	29,5103	0,29798	8,21099	16,3589	0,23456	0,0127	6,9399	0,92676	0	0
22.03.2019	32,3603	46,5743	0,26015	17,5465	29,5103	0,30666	8,21217	16,3589	0,23442	1,9E-05	6,9399	0,99823	0	0
23.03.2019	32,5724	46,5743	0,24882	17,6877	29,5103	0,29636	8,22613	16,3589	0,23279	0,00162	6,9399	0,97412	0	0
24.03.2019	32,0267	46,5743	0,27798	17,3953	29,5103	0,3177	8,39282	16,3589	0,21334	0,16042	6,9399	0,77806	0	0
25.03.2019	32,1171	46,5743	0,27315	17,0604	29,5103	0,34213	8,30781	16,3589	0,22326	0,04547	6,9399	0,86193	0	0
26.03.2019	32,3155	46,5743	0,26255	17,2095	29,5103	0,33125	8,29461	16,3589	0,2248	0,01081	6,9399	0,93246	0	0
27.03.2019	32,02	46,5743	0,27834	17,198	29,5103	0,33209	8,3317	16,3589	0,22047	0,02437	6,9399	0,89855	0	0
28.03.2019	32,0797	46,5743	0,27515	17,1321	29,5103	0,3369	8,35235	16,3589	0,21806	0,02654	6,9399	0,89447	0	0
29.03.2019	31,9349	46,5743	0,28288	16,7055	29,5103	0,36803	8,28194	16,3589	0,22627	0,00065	6,9399	0,98317	0	0
30.03.2019	31,6523	46,5743	0,29798	16,4027	29,5103	0,39012	7,99685	16,3589	0,25954	0,00027	6,9399	0,98883	0	0
31.03.2019	31,5808	46,5743	0,30181	16,4187	29,5103	0,38895	7,90034	16,3589	0,27081	0,02711	6,9399	0,8934	0	0
1.04.2019	31,196	46,5743	0,32237	15,9931	29,5103	0,42001	7,47179	16,3589	0,32082	0,0235	6,9399	0,90022	0	0

2.04.2019	30,3028	46,5743	0,3701	15,1479	29,5103	0,48168	6,64008	16,3589	0,41787	0,18025	6,9399	0,77141	0	0
3.04.2019	31,6027	46,5743	0,30064	16,5382	29,5103	0,38023	8,02736	16,3589	0,25598	0,20735	6,9399	0,76232	0	0
4.04.2019	33,3127	46,5743	0,20926	17,8995	29,5103	0,28091	9,10632	16,3589	0,16336	0,82891	6,9399	0,55383	0	0
5.04.2019	33,8752	46,5743	0,18658	18,2903	29,5103	0,2524	9,36377	16,3589	0,14902	1,03102	6,9399	0,48604	0	0
6.04.2019	34,1315	46,5743	0,17774	18,5017	29,5103	0,23697	9,45123	16,3589	0,14477	1,08548	6,9399	0,46777	0	0
7.04.2019	33,946	46,5743	0,18414	18,5009	29,5103	0,23703	9,42752	16,3589	0,14592	1,03121	6,9399	0,48597	0	0
8.04.2019	33,3448	46,5743	0,20755	18,2565	29,5103	0,25486	9,2829	16,3589	0,15341	0,83899	6,9399	0,55045	0	0
9.04.2019	33,5607	46,5743	0,19742	18,4757	29,5103	0,23887	9,6805	16,3589	0,13363	1,22649	6,9399	0,42047	0	0
10.04.2019	33,3369	46,5743	0,20797	18,3545	29,5103	0,24771	9,42306	16,3589	0,14614	0,93456	6,9399	0,51839	0	0
11.04.2019	33,6048	46,5743	0,1959	18,0206	29,5103	0,27207	9,06791	16,3589	0,16552	0,60376	6,9399	0,62935	0	0
12.04.2019	34,4913	46,5743	0,16638	18,4155	29,5103	0,24326	9,42041	16,3589	0,14626	0,95	6,9399	0,51321	0	0
13.04.2019	34,6838	46,5743	0,16045	18,5121	29,5103	0,23621	9,37167	16,3589	0,14863	0,87622	6,9399	0,53796	0	0
14.04.2019	35,2313	46,5743	0,14438	18,909	29,5103	0,20726	9,7184	16,3589	0,13179	1,25731	6,9399	0,41014	0	0
15.04.2019	35,3252	46,5743	0,14185	19,0456	29,5103	0,19835	9,83003	16,3589	0,12637	1,34452	6,9399	0,38089	0	0
16.04.2019	35,5289	46,5743	0,13634	19,3631	29,5103	0,18425	10,1235	16,3589	0,11424	1,60224	6,9399	0,29444	0	0
17.04.2019	35,4392	46,5743	0,13877	19,2102	29,5103	0,19104	9,93258	16,3589	0,12198	1,40017	6,9399	0,36222	0	0
18.04.2019	37,5737	46,5743	0,08925	20,8143	29,5103	0,12875	11,4424	16,3589	0,06983	2,94539	6,9399	0,10213	0	0
19.04.2019	39,3944	46,5743	0,0598	22,3047	29,5103	0,08687	12,9156	16,3589	0,03972	4,49851	6,9399	0,04029	0	0
20.04.2019	39,7759	46,5743	0,05483	22,6493	29,5103	0,07907	13,2607	16,3589	0,03473	4,83318	6,9399	0,03326	0	0
21.04.2019	39,1632	46,5743	0,06304	21,9138	29,5103	0,09648	12,4586	16,3589	0,04747	3,9954	6,9399	0,05418	0	0
22.04.2019	38,1592	46,5743	0,07869	21,0135	29,5103	0,12234	11,56	16,3589	0,06684	3,07821	6,9399	0,09397	0	0
23.04.2019	37,176	46,5743	0,09712	19,8308	29,5103	0,1647	10,3607	16,3589	0,10461	1,83527	6,9399	0,21628	0	0
24.04.2019	37,3423	46,5743	0,09376	20,1149	29,5103	0,15343	10,618	16,3589	0,09489	2,10053	6,9399	0,1737	0	0
25.04.2019	36,5256	46,5743	0,11173	19,2035	29,5103	0,19133	9,67251	16,3589	0,13402	1,12472	6,9399	0,45461	0	0
26.04.2019	36,6685	46,5743	0,10844	19,4824	29,5103	0,17895	9,94179	16,3589	0,12161	1,37103	6,9399	0,37199	0	0
27.04.2019	36,6189	46,5743	0,10958	19,2356	29,5103	0,18991	9,67356	16,3589	0,13397	1,07405	6,9399	0,47161	0	0
28.04.2019	36,7379	46,5743	0,10684	19,52	29,5103	0,17728	9,93408	16,3589	0,12192	1,31438	6,9399	0,391	0	0
29.04.2019	36,3594	46,5743	0,11555	18,9783	29,5103	0,2022	9,36132	16,3589	0,14913	0,70795	6,9399	0,5944	0	0
30.04.2019	36,5938	46,5743	0,11016	19,2315	29,5103	0,19009	9,61811	16,3589	0,13666	0,94413	6,9399	0,51518	0	0
1.05.2019	36,8045	46,5743	0,10531	19,2543	29,5103	0,18908	9,59638	16,3589	0,13772	0,90343	6,9399	0,52884	0	0
2.05.2019	37,2445	46,5743	0,09571	19,9835	29,5103	0,15864	10,3585	16,3589	0,1047	1,65961	6,9399	0,2752	0	0
3.05.2019	37,4416	46,5743	0,09181	20,1155	29,5103	0,15341	10,4799	16,3589	0,0998	1,75539	6,9399	0,24307	0	0
4.05.2019	37,1528	46,5743	0,09759	19,7519	29,5103	0,16783	10,0519	16,3589	0,11714	1,30501	6,9399	0,39414	0	0
5.05.2019	37,0108	46,5743	0,10057	19,7043	29,5103	0,16972	10,0105	16,3589	0,11882	1,24096	6,9399	0,41562	0	0
6.05.2019	37,4995	46,5743	0,09067	19,8125	29,5103	0,16543	9,96026	16,3589	0,12086	1,15226	6,9399	0,44537	0	0
7.05.2019	37,2028	46,5743	0,09657	19,3625	29,5103	0,18427	9,46929	16,3589	0,14389	0,64142	6,9399	0,61672	0	0
8.05.2019	37,2747	46,5743	0,09509	19,3488	29,5103	0,18488	9,42265	16,3589	0,14616	0,57148	6,9399	0,64018	0	0
9.05.2019	37,0008	46,5743	0,1008	18,9988	29,5103	0,2007	9,02723	16,3589	0,16781	0,14685	6,9399	0,78261	0	0
10.05.2019	37,2571	46,5743	0,09545	19,1907	29,5103	0,1919	9,18909	16,3589	0,1587	0,28699	6,9399	0,7356	0	0
11.05.2019	37,8541	46,5743	0,08405	19,7721	29,5103	0,16703	9,74588	16,3589	0,13046	0,84634	6,9399	0,54798	0	0

12.05.2019	37,7189	46,5743	0,08654	19,5847	29,5103	0,17447	9,53164	16,3589	0,14086	0,59265	6,9399	0,63308	0	0
13.05.2019	38,7577	46,5743	0,069	20,6568	29,5103	0,13421	10,5646	16,3589	0,09679	1,64653	6,9399	0,27958	0	0
14.05.2019	39,2736	46,5743	0,06149	21,0566	29,5103	0,12107	10,9327	16,3589	0,08449	1,96532	6,9399	0,19002	0	0
15.05.2019	42,5533	46,5743	0,02834	24,3836	29,5103	0,0485	14,2886	16,3589	0,02324	5,28784	6,9399	0,02557	4	0
16.05.2019	41,7808	46,5743	0,03419	23,971	29,5103	0,05458	13,9109	16,3589	0,02697	4,86794	6,9399	0,03261	1	0
17.05.2019	41,4042	46,5743	0,03747	22,7118	29,5103	0,07774	12,418	16,3589	0,04822	3,37986	6,9399	0,07826	1	0
18.05.2019	46,9061	46,5743	0,00934	25,3039	29,5103	0,03707	14,5101	16,3589	0,02126	5,54194	6,9399	0,0222	4	1
19.05.2019	46,6412	46,5743	0,00987	26,8084	29,5103	0,02359	16,1002	16,3589	0,0113	7,07676	6,9399	0,00945	4	1
20.05.2019	46,8135	46,5743	0,00953	26,2947	29,5103	0,02757	15,4804	16,3589	0,01442	6,44009	6,9399	0,01347	4	1
21.05.2019	53,007	46,5743	0,00215	28,3559	29,5103	0,01456	16,7699	16,3589	0,00877	7,72431	6,9399	0,00685	4	1
22.05.2019	51,0785	46,5743	0,00355	26,8953	29,5103	0,02299	15,3866	16,3589	0,0149	6,31733	6,9399	0,01433	4	1
23.05.2019	51,472	46,5743	0,00327	27,1621	29,5103	0,02115	15,7814	16,3589	0,01291	6,67815	6,9399	0,01182	4	1
24.05.2019	54,7719	46,5743	0,001	29,141	29,5103	0,01146	17,2186	16,3589	0,00743	7,96	6,9399	0,00591	4	1
25.05.2019	56,0798	46,5743	0,001	29,8363	29,5103	0,00922	17,52	16,3589	0,00652	8,22054	6,9399	0,00495	4	4
26.05.2019	53,7509	46,5743	0,0016	29,2104	29,5103	0,01119	17,3292	16,3589	0,00709	8,14993	6,9399	0,00515	4	1
27.05.2019	53,9029	46,5743	0,00149	30,2228	29,5103	0,0083	18,335	16,3589	0,00467	8,92624	6,9399	0,004	4	4
28.05.2019	52,4073	46,5743	0,00259	28,982	29,5103	0,01209	17,3092	16,3589	0,00715	8,10849	6,9399	0,00531	4	1
29.05.2019	53,1113	46,5743	0,00207	29,4328	29,5103	0,01031	17,6318	16,3589	0,00619	8,36395	6,9399	0,00476	4	1
30.05.2019	49,7602	46,5743	0,00452	26,5963	29,5103	0,02506	15,2028	16,3589	0,01614	5,97645	6,9399	0,01741	4	1
31.05.2019	51,1787	46,5743	0,00348	28,3588	29,5103	0,01455	16,7163	16,3589	0,00893	7,45551	6,9399	0,00793	4	1
1.06.2019	51,5541	46,5743	0,00321	28,803	29,5103	0,0128	17,2721	16,3589	0,00727	7,95852	6,9399	0,00591	4	1
2.06.2019	51,586	46,5743	0,00318	29,3939	29,5103	0,01046	17,7528	16,3589	0,00583	8,43961	6,9399	0,00466	4	1
3.06.2019	47,6126	46,5743	0,00794	26,2983	29,5103	0,02754	14,9939	16,3589	0,0176	5,68989	6,9399	0,02031	4	1
4.06.2019	44,8018	46,5743	0,01607	23,9376	29,5103	0,05509	12,8082	16,3589	0,04146	3,486	6,9399	0,07341	1	0
5.06.2019	47,1286	46,5743	0,0089	25,261	29,5103	0,03755	13,9633	16,3589	0,0264	4,61631	6,9399	0,03769	4	1
6.06.2019	47,4759	46,5743	0,00821	25,3767	29,5103	0,03626	14,0824	16,3589	0,0251	4,71367	6,9399	0,03558	4	1
7.06.2019	47,7137	46,5743	0,00774	25,6258	29,5103	0,03368	14,167	16,3589	0,02433	4,77763	6,9399	0,0343	4	1
8.06.2019	48,0797	46,5743	0,00702	25,7747	29,5103	0,03223	14,283	16,3589	0,02329	4,87445	6,9399	0,03248	4	1
9.06.2019	46,5513	46,5743	0,01008	24,0003	29,5103	0,05414	12,5279	16,3589	0,0462	3,10335	6,9399	0,09255	1	0
10.06.2019	48,0709	46,5743	0,00704	25,3881	29,5103	0,03614	13,8797	16,3589	0,02731	4,4232	6,9399	0,04216	4	1
11.06.2019	47,5963	46,5743	0,00798	25,0554	29,5103	0,03984	13,547	16,3589	0,03108	4,0909	6,9399	0,05122	3	1
12.06.2019	50,1006	46,5743	0,00427	27,6015	29,5103	0,01851	15,8702	16,3589	0,01246	6,39116	6,9399	0,01381	4	1
13.06.2019	48,8729	46,5743	0,00545	26,9717	29,5103	0,02246	14,9821	16,3589	0,01769	5,51486	6,9399	0,02255	4	1
14.06.2019	46,8299	46,5743	0,00949	24,4677	29,5103	0,04735	12,3965	16,3589	0,04861	2,86898	6,9399	0,10744	3	1
15.06.2019	45,4471	46,5743	0,01367	23,8084	29,5103	0,05721	11,4772	16,3589	0,06894	1,92891	6,9399	0,19448	1	0
16.06.2019	45,5877	46,5743	0,01321	23,5912	29,5103	0,06082	11,2376	16,3589	0,07541	1,66699	6,9399	0,27272	1	0
17.06.2019	46,5664	46,5743	0,01003	24,8541	29,5103	0,04232	12,4735	16,3589	0,0472	2,86236	6,9399	0,1079	3	0
18.06.2019	44,0642	46,5743	0,0194	24,2332	29,5103	0,05063	11,8635	16,3589	0,05955	2,21524	6,9399	0,16175	1	0
19.06.2019	43,3961	46,5743	0,02302	24,0635	29,5103	0,05318	11,6065	16,3589	0,06566	1,93879	6,9399	0,19327	1	0
20.06.2019	46,6427	46,5743	0,00986	26,2451	29,5103	0,02799	13,7597	16,3589	0,02861	4,05634	6,9399	0,05229	3	1

21.06.2019	46,3159	46,5743	0,01084	27,223	29,5103	0,02073	14,5849	16,3589	0,0206	4,80723	6,9399	0,03374	4	0
22.06.2019	44,3512	46,5743	0,0181	25,6861	29,5103	0,03309	13,0653	16,3589	0,03754	3,29819	6,9399	0,08223	3	0
23.06.2019	45,1834	46,5743	0,01453	25,8495	29,5103	0,0315	13,637	16,3589	0,02994	3,833	6,9399	0,05963	3	0
24.06.2019	44,8769	46,5743	0,01573	26,0269	29,5103	0,02981	13,8145	16,3589	0,02802	4,00628	6,9399	0,05384	3	0
25.06.2019	44,6575	46,5743	0,01672	24,9815	29,5103	0,04074	12,8018	16,3589	0,04156	3,00779	6,9399	0,09811	3	0
26.06.2019	48,0135	46,5743	0,00715	26,141	29,5103	0,02886	14,0716	16,3589	0,02522	4,2871	6,9399	0,04561	4	1
27.06.2019	46,3135	46,5743	0,01085	24,9539	29,5103	0,04108	12,91	16,3589	0,0398	3,0851	6,9399	0,09358	3	0
28.06.2019	46,6355	46,5743	0,00988	25,2503	29,5103	0,03767	13,1006	16,3589	0,03702	3,27039	6,9399	0,08362	3	1
29.06.2019	47,6798	46,5743	0,00781	26,0813	29,5103	0,02935	13,8542	16,3589	0,02758	4,00257	6,9399	0,05395	3	1
30.06.2019	45,6357	46,5743	0,01306	23,9906	29,5103	0,05428	11,8366	16,3589	0,06016	1,96365	6,9399	0,19023	1	0
1.07.2019	45,4848	46,5743	0,01355	23,8753	29,5103	0,05611	11,5522	16,3589	0,06704	1,6423	6,9399	0,281	1	0
2.07.2019	45,3728	46,5743	0,01391	23,4807	29,5103	0,06278	11,0966	16,3589	0,07949	1,15811	6,9399	0,44341	1	0
3.07.2019	46,4675	46,5743	0,01035	24,1217	29,5103	0,05231	11,6689	16,3589	0,06413	1,70953	6,9399	0,25846	1	0
4.07.2019	45,872	46,5743	0,01229	24,3502	29,5103	0,04896	11,8507	16,3589	0,05984	1,87302	6,9399	0,20362	2	0
5.07.2019	45,87	46,5743	0,01229	24,1509	29,5103	0,05187	11,6334	16,3589	0,06497	1,63034	6,9399	0,28502	1	0
6.07.2019	44,3952	46,5743	0,0179	23,6492	29,5103	0,05982	11,1493	16,3589	0,07797	1,12672	6,9399	0,45394	1	0
7.07.2019	46,9631	46,5743	0,00923	24,5404	29,5103	0,04635	11,9518	16,3589	0,05762	1,90349	6,9399	0,19759	2	1
8.07.2019	44,9668	46,5743	0,01533	24,044	29,5103	0,05348	11,6613	16,3589	0,06431	1,58702	6,9399	0,29955	1	0
9.07.2019	44,7595	46,5743	0,01626	23,7436	29,5103	0,05827	11,3117	16,3589	0,07337	1,21268	6,9399	0,42511	1	0
10.07.2019	45,0261	46,5743	0,01506	23,3012	29,5103	0,06601	10,853	16,3589	0,08704	0,72143	6,9399	0,58988	1	0
11.07.2019	45,7709	46,5743	0,01262	23,2375	29,5103	0,06721	10,5846	16,3589	0,09608	0,43151	6,9399	0,68713	1	0
12.07.2019	45,1459	46,5743	0,01465	23,4915	29,5103	0,06259	11,0877	16,3589	0,07975	0,86593	6,9399	0,54141	1	0
13.07.2019	44,5595	46,5743	0,01716	23,334	29,5103	0,06539	10,9131	16,3589	0,0851	0,66982	6,9399	0,60719	1	0
14.07.2019	45,7465	46,5743	0,0127	23,4458	29,5103	0,06339	10,6131	16,3589	0,09506	0,36562	6,9399	0,70923	1	0
15.07.2019	45,982	46,5743	0,01193	23,2472	29,5103	0,06703	10,477	16,3589	0,09991	0,22992	6,9399	0,75475	1	0
16.07.2019	46,2764	46,5743	0,01097	23,2872	29,5103	0,06627	10,2656	16,3589	0,10847	0,01025	6,9399	0,93423	1	0
17.07.2019	45,1479	46,5743	0,01465	23,2238	29,5103	0,06747	10,38	16,3589	0,10383	0,0629	6,9399	0,83756	1	0
18.07.2019	46,2473	46,5743	0,01107	23,5904	29,5103	0,06084	10,648	16,3589	0,09387	0,30484	6,9399	0,72962	1	0
19.07.2019	45,1333	46,5743	0,01469	23,3574	29,5103	0,06495	10,5728	16,3589	0,0965	0,21505	6,9399	0,75973	1	0
20.07.2019	45,5306	46,5743	0,0134	23,7071	29,5103	0,05887	10,9584	16,3589	0,0837	0,57664	6,9399	0,63845	1	0
21.07.2019	47,1776	46,5743	0,0088	24,0701	29,5103	0,05309	11,1056	16,3589	0,07923	0,7076	6,9399	0,59452	1	1
22.07.2019	46,296	46,5743	0,01091	23,8677	29,5103	0,05623	10,9251	16,3589	0,08473	0,47964	6,9399	0,67098	1	0
23.07.2019	46,0406	46,5743	0,01174	23,6624	29,5103	0,0596	10,6862	16,3589	0,09256	0,21913	6,9399	0,75836	1	0
24.07.2019	46,3181	46,5743	0,01083	23,6797	29,5103	0,05932	10,6537	16,3589	0,09367	0,17092	6,9399	0,77453	1	0
25.07.2019	46,3529	46,5743	0,01072	23,6774	29,5103	0,05935	10,6632	16,3589	0,09335	0,15826	6,9399	0,77878	1	0
26.07.2019	46,444	46,5743	0,01042	23,7627	29,5103	0,05796	10,6841	16,3589	0,09263	0,16379	6,9399	0,77693	1	0
27.07.2019	47,5248	46,5743	0,00812	23,941	29,5103	0,05503	10,6605	16,3589	0,09344	0,12869	6,9399	0,7887	1	1
28.07.2019	48,0239	46,5743	0,00713	24,0899	29,5103	0,05279	10,7242	16,3589	0,09127	0,18158	6,9399	0,77096	1	1
29.07.2019	47,5829	46,5743	0,008	23,6403	29,5103	0,05996	10,5683	16,3589	0,09665	0,03457	6,9399	0,87938	1	1
30.07.2019	47,4961	46,5743	0,00817	23,6387	29,5103	0,05999	10,5762	16,3589	0,09638	0,01758	6,9399	0,91362	1	1

31.07.2019	47,2015	46,5743	0,00876	23,3981	29,5103	0,06423	10,6176	16,3589	0,0949	0,03899	6,9399	0,87182	1	1
1.08.2019	46,5921	46,5743	0,00996	23,3822	29,5103	0,06451	10,7153	16,3589	0,09157	0,09107	6,9399	0,80439	1	1
2.08.2019	47,0098	46,5743	0,00914	23,4349	29,5103	0,06358	10,6754	16,3589	0,09293	0,04994	6,9399	0,85512	1	1
3.08.2019	47,0809	46,5743	0,009	23,3342	29,5103	0,06539	10,666	16,3589	0,09325	0,03595	6,9399	0,87679	1	1
4.08.2019	47,1251	46,5743	0,00891	23,1813	29,5103	0,06827	10,6527	16,3589	0,09371	0,01977	6,9399	0,90848	1	1
5.08.2019	47,0606	46,5743	0,00904	23,1755	29,5103	0,06838	10,6993	16,3589	0,09212	0,03143	6,9399	0,88529	1	1
6.08.2019	47,3157	46,5743	0,00853	23,3743	29,5103	0,06465	10,7384	16,3589	0,09078	0,02946	6,9399	0,88898	1	1
7.08.2019	46,4857	46,5743	0,01029	23,0827	29,5103	0,07014	10,9183	16,3589	0,08494	0,1197	6,9399	0,79172	1	0
8.08.2019	45,7472	46,5743	0,01269	22,9816	29,5103	0,07217	11,1185	16,3589	0,07886	0,26763	6,9399	0,7421	1	0
9.08.2019	46,2614	46,5743	0,01102	22,9987	29,5103	0,07183	10,9744	16,3589	0,08321	0,12038	6,9399	0,79149	1	0
10.08.2019	46,6436	46,5743	0,00986	23,3111	29,5103	0,06582	11,0235	16,3589	0,0817	0,13092	6,9399	0,78795	1	1
11.08.2019	46,375	46,5743	0,01065	23,1933	29,5103	0,06805	11,0625	16,3589	0,08051	0,1613	6,9399	0,77776	1	0
12.08.2019	46,3224	46,5743	0,01082	23,1877	29,5103	0,06815	11,0808	16,3589	0,07995	0,15689	6,9399	0,77924	1	0
13.08.2019	46,6466	46,5743	0,00986	23,2934	29,5103	0,06616	11,0384	16,3589	0,08125	0,10245	6,9399	0,7975	1	1
14.08.2019	47,5908	46,5743	0,00799	23,5959	29,5103	0,06074	10,9425	16,3589	0,08419	0,01188	6,9399	0,92917	1	1
15.08.2019	47,4943	46,5743	0,00818	23,6	29,5103	0,06067	11,0228	16,3589	0,08173	0,04659	6,9399	0,86022	1	1
16.08.2019	47,6678	46,5743	0,00783	23,7053	29,5103	0,0589	11,0223	16,3589	0,08174	0,03345	6,9399	0,88148	1	1
17.08.2019	47,6954	46,5743	0,00778	23,6446	29,5103	0,05989	11,0142	16,3589	0,08199	0,02383	6,9399	0,89957	1	1
18.08.2019	47,6628	46,5743	0,00784	23,6476	29,5103	0,05984	11,0669	16,3589	0,08037	0,03962	6,9399	0,87086	1	1
19.08.2019	47,3384	46,5743	0,00849	23,5589	29,5103	0,06139	11,1278	16,3589	0,07859	0,06622	6,9399	0,83326	1	1
20.08.2019	47,4709	46,5743	0,00822	23,6555	29,5103	0,05971	11,1125	16,3589	0,07903	0,03238	6,9399	0,8835	1	1
21.08.2019	47,9796	46,5743	0,00722	23,8612	29,5103	0,05634	11,0838	16,3589	0,07986	0,00734	6,9399	0,94416	1	1
22.08.2019	47,918	46,5743	0,00734	23,8782	29,5103	0,05606	11,1063	16,3589	0,07921	0,00692	6,9399	0,94574	1	1
23.08.2019	48,1259	46,5743	0,00693	23,9929	29,5103	0,05425	11,1277	16,3589	0,07859	0,01222	6,9399	0,92819	1	1
24.08.2019	48,3592	46,5743	0,00646	24,0597	29,5103	0,05324	11,1323	16,3589	0,07846	0,00222	6,9399	0,96984	1	1
25.08.2019	48,5791	46,5743	0,00603	24,2285	29,5103	0,0507	11,1537	16,3589	0,07784	0,0014	6,9399	0,97584	1	1
26.08.2019	48,7215	46,5743	0,00575	24,2435	29,5103	0,05047	11,1692	16,3589	0,07739	0,00273	6,9399	0,96623	1	1
27.08.2019	48,838	46,5743	0,00552	24,311	29,5103	0,0495	11,192	16,3589	0,07673	3,9E-05	6,9399	0,99744	2	1
28.08.2019	48,9936	46,5743	0,00521	24,4659	29,5103	0,04737	11,2652	16,3589	0,07464	0,05729	6,9399	0,84484	2	1
29.08.2019	49,5132	46,5743	0,0047	24,7719	29,5103	0,04334	11,3465	16,3589	0,07242	0,14355	6,9399	0,78372	2	1
30.08.2019	49,4346	46,5743	0,00475	24,8092	29,5103	0,04288	11,3428	16,3589	0,07253	0,12083	6,9399	0,79134	2	1
31.08.2019	50,0307	46,5743	0,00432	25,0751	29,5103	0,03962	11,3893	16,3589	0,07126	0,15425	6,9399	0,78013	2	1
1.09.2019	49,9196	46,5743	0,0044	24,8862	29,5103	0,04192	11,3891	16,3589	0,07127	0,15106	6,9399	0,7812	2	1
2.09.2019	49,4899	46,5743	0,00471	24,6184	29,5103	0,04527	11,3699	16,3589	0,07179	0,09223	6,9399	0,80309	2	1
3.09.2019	49,5477	46,5743	0,00467	24,4057	29,5103	0,0482	11,4021	16,3589	0,07091	0,11338	6,9399	0,79384	2	1
4.09.2019	49,9351	46,5743	0,00439	24,5894	29,5103	0,04567	11,4549	16,3589	0,06951	0,13459	6,9399	0,78672	2	1
5.09.2019	49,6313	46,5743	0,00461	24,4892	29,5103	0,04705	11,4655	16,3589	0,06924	0,09202	6,9399	0,80333	2	1
6.09.2019	49,844	46,5743	0,00446	24,6326	29,5103	0,04508	11,527	16,3589	0,06768	0,11667	6,9399	0,79273	2	1
7.09.2019	49,9047	46,5743	0,00441	24,8071	29,5103	0,04291	11,4939	16,3589	0,06852	0,09741	6,9399	0,79919	2	1
8.09.2019	49,8027	46,5743	0,00449	24,665	29,5103	0,04467	11,445	16,3589	0,06976	0,1068	6,9399	0,79604	2	1

9.09.2019	49,8245	46,5743	0,00447	24,5742	29,5103	0,04588	11,4961	16,3589	0,06846	0,12807	6,9399	0,78891	2	1
10.09.2019	50,0195	46,5743	0,00433	24,6781	29,5103	0,04451	11,5532	16,3589	0,06701	0,15031	6,9399	0,78145	2	1
11.09.2019	50,3009	46,5743	0,00412	24,573	29,5103	0,0459	11,6068	16,3589	0,06565	0,21768	6,9399	0,75885	2	1
12.09.2019	50,1479	46,5743	0,00423	24,3139	29,5103	0,04946	11,6242	16,3589	0,06521	0,22953	6,9399	0,75488	2	1
13.09.2019	50,198	46,5743	0,0042	24,3264	29,5103	0,04929	11,6445	16,3589	0,06471	0,22588	6,9399	0,7561	2	1
14.09.2019	50,2008	46,5743	0,0042	24,2911	29,5103	0,04977	11,6736	16,3589	0,06402	0,20754	6,9399	0,76225	2	1
15.09.2019	50,2457	46,5743	0,00416	24,2234	29,5103	0,05077	11,7456	16,3589	0,06231	0,25287	6,9399	0,74705	1	1
16.09.2019	50,7448	46,5743	0,0038	24,6667	29,5103	0,04465	11,7752	16,3589	0,06161	0,22572	6,9399	0,75616	2	1
17.09.2019	50,5977	46,5743	0,00391	24,5229	29,5103	0,04659	11,7641	16,3589	0,06188	0,17569	6,9399	0,77294	2	1
18.09.2019	50,5075	46,5743	0,00397	24,4941	29,5103	0,04698	11,7571	16,3589	0,06204	0,12685	6,9399	0,78932	2	1
19.09.2019	50,5999	46,5743	0,0039	24,651	29,5103	0,04484	11,8146	16,3589	0,06068	0,16905	6,9399	0,77516	2	1
20.09.2019	50,9571	46,5743	0,00364	24,8443	29,5103	0,04244	11,811	16,3589	0,06076	0,16063	6,9399	0,77799	2	1
21.09.2019	51,2502	46,5743	0,00343	24,9759	29,5103	0,04081	11,8152	16,3589	0,06066	0,15676	6,9399	0,77928	2	1
22.09.2019	51,3115	46,5743	0,00338	25,0471	29,5103	0,03993	11,8914	16,3589	0,05894	0,21565	6,9399	0,75953	2	1
23.09.2019	51,8175	46,5743	0,00302	25,4333	29,5103	0,03563	11,8837	16,3589	0,05911	0,21471	6,9399	0,75985	2	1
24.09.2019	52,7008	46,5743	0,00237	26,3958	29,5103	0,02673	11,948	16,3589	0,0577	0,28084	6,9399	0,73766	2	1
25.09.2019	52,8356	46,5743	0,00227	26,3755	29,5103	0,0269	12,0007	16,3589	0,05655	0,33033	6,9399	0,72107	2	1
26.09.2019	53,1122	46,5743	0,00207	26,5731	29,5103	0,02525	12,0706	16,3589	0,05502	0,36516	6,9399	0,70938	2	1
27.09.2019	53,2042	46,5743	0,002	26,5873	29,5103	0,02513	12,0829	16,3589	0,05477	0,35177	6,9399	0,71387	2	1
28.09.2019	53,2968	46,5743	0,00194	26,6034	29,5103	0,025	12,1141	16,3589	0,05415	0,35747	6,9399	0,71196	2	1
29.09.2019	53,377	46,5743	0,00188	26,6683	29,5103	0,02455	12,1568	16,3589	0,05329	0,38445	6,9399	0,70291	2	1
30.09.2019	53,4427	46,5743	0,00183	26,6648	29,5103	0,02458	12,1561	16,3589	0,0533	0,35859	6,9399	0,71159	2	1
1.10.2019	53,4454	46,5743	0,00183	26,62	29,5103	0,02489	12,1816	16,3589	0,05279	0,36642	6,9399	0,70896	2	1
2.10.2019	53,5444	46,5743	0,00176	26,6723	29,5103	0,02453	12,1943	16,3589	0,05254	0,3567	6,9399	0,71222	2	1
3.10.2019	53,6386	46,5743	0,00169	26,7212	29,5103	0,02419	12,2217	16,3589	0,05198	0,36679	6,9399	0,70884	2	1
4.10.2019	53,7606	46,5743	0,0016	26,7993	29,5103	0,02365	12,2345	16,3589	0,05173	0,36025	6,9399	0,71103	2	1
5.10.2019	53,8982	46,5743	0,0015	26,875	29,5103	0,02313	12,2684	16,3589	0,05105	0,37073	6,9399	0,70752	2	1
6.10.2019	54,0642	46,5743	0,00138	26,9928	29,5103	0,02231	12,3274	16,3589	0,04988	0,41067	6,9399	0,69412	3	1
7.10.2019	53,9554	46,5743	0,00146	26,8692	29,5103	0,02317	12,3036	16,3589	0,05034	0,35954	6,9399	0,71127	2	1
8.10.2019	53,9949	46,5743	0,00143	26,8544	29,5103	0,02327	12,3321	16,3589	0,04979	0,36921	6,9399	0,70802	3	1
9.10.2019	53,6647	46,5743	0,00167	26,6375	29,5103	0,02477	12,2869	16,3589	0,05068	0,28489	6,9399	0,73631	2	1
10.10.2019	53,6802	46,5743	0,00166	26,6131	29,5103	0,02493	12,3269	16,3589	0,04989	0,3025	6,9399	0,7304	3	1
11.10.2019	53,9816	46,5743	0,00144	26,7532	29,5103	0,02397	12,3825	16,3589	0,04887	0,34604	6,9399	0,7158	3	1
12.10.2019	54,0204	46,5743	0,00141	26,7835	29,5103	0,02376	12,3705	16,3589	0,04909	0,30005	6,9399	0,73122	3	1
13.10.2019	53,7079	46,5743	0,00164	26,6595	29,5103	0,02461	12,3794	16,3589	0,04892	0,27535	6,9399	0,73951	3	1
14.10.2019	53,7437	46,5743	0,00161	26,6621	29,5103	0,0246	12,3924	16,3589	0,04869	0,26764	6,9399	0,74209	3	1
15.10.2019	53,8141	46,5743	0,00156	26,7231	29,5103	0,02418	12,4122	16,3589	0,04832	0,26467	6,9399	0,74309	3	1
16.10.2019	54,1693	46,5743	0,0013	26,9366	29,5103	0,0227	12,4434	16,3589	0,04775	0,27758	6,9399	0,73876	3	1
17.10.2019	54,0299	46,5743	0,0014	26,8349	29,5103	0,0234	12,441	16,3589	0,04779	0,25057	6,9399	0,74782	3	1
18.10.2019	54,1648	46,5743	0,0013	26,9014	29,5103	0,02295	12,4708	16,3589	0,04725	0,25897	6,9399	0,745	3	1

19.10.2019	54,3427	46,5743	0,00117	26,9594	29,5103	0,02255	12,4841	16,3589	0,047	0,25163	6,9399	0,74746	3	1
20.10.2019	54,4835	46,5743	0,00107	26,9852	29,5103	0,02237	12,4714	16,3589	0,04724	0,21696	6,9399	0,75909	3	1
21.10.2019	54,6038	46,5743	0,001	27,0383	29,5103	0,022	12,4809	16,3589	0,04706	0,20822	6,9399	0,76202	3	1
22.10.2019	54,6734	46,5743	0,001	27,0572	29,5103	0,02187	12,5175	16,3589	0,04639	0,22113	6,9399	0,75769	3	1
23.10.2019	54,8165	46,5743	0,001	27,2422	29,5103	0,02059	12,6237	16,3589	0,0445	0,30767	6,9399	0,72867	3	1
24.10.2019	54,718	46,5743	0,001	27,185	29,5103	0,02099	12,6229	16,3589	0,04451	0,28544	6,9399	0,73612	3	1
25.10.2019	54,4055	46,5743	0,00113	26,7276	29,5103	0,02414	12,6255	16,3589	0,04447	0,25696	6,9399	0,74568	3	1
26.10.2019	54,3642	46,5743	0,00116	26,6725	29,5103	0,02452	12,6183	16,3589	0,04459	0,22894	6,9399	0,75507	3	1
27.10.2019	54,2115	46,5743	0,00127	26,4657	29,5103	0,02615	12,6363	16,3589	0,04429	0,22359	6,9399	0,75687	3	1
28.10.2019	53,8411	46,5743	0,00154	26,0248	29,5103	0,02982	12,664	16,3589	0,04384	0,2172	6,9399	0,75901	3	1
29.10.2019	53,7533	46,5743	0,0016	25,9077	29,5103	0,03093	12,6672	16,3589	0,04378	0,18955	6,9399	0,76829	3	1
30.10.2019	53,8423	46,5743	0,00154	25,9288	29,5103	0,03073	12,7155	16,3589	0,04299	0,22857	6,9399	0,7552	3	1
31.10.2019	53,9761	46,5743	0,00144	26,0159	29,5103	0,0299	12,7143	16,3589	0,04301	0,21568	6,9399	0,75952	3	1
1.11.2019	53,9449	46,5743	0,00146	25,9314	29,5103	0,0307	12,7383	16,3589	0,04261	0,22222	6,9399	0,75733	3	1
2.11.2019	53,7159	46,5743	0,00163	25,6851	29,5103	0,0331	12,7406	16,3589	0,04257	0,2179	6,9399	0,75878	3	1
3.11.2019	53,9307	46,5743	0,00147	25,8527	29,5103	0,03147	12,7705	16,3589	0,04208	0,20688	6,9399	0,76247	3	1
4.11.2019	54,1588	46,5743	0,00131	25,9928	29,5103	0,03011	12,7702	16,3589	0,04209	0,16874	6,9399	0,77526	3	1
5.11.2019	54,3278	46,5743	0,00118	26,1209	29,5103	0,02902	12,773	16,3589	0,04204	0,15438	6,9399	0,78008	3	1
6.11.2019	54,6602	46,5743	0,001	26,3859	29,5103	0,02681	12,7813	16,3589	0,0419	0,13877	6,9399	0,78532	3	1
7.11.2019	54,5981	46,5743	0,001	26,574	29,5103	0,02525	12,7554	16,3589	0,04233	0,11116	6,9399	0,79458	3	1
8.11.2019	55,0766	46,5743	0,001	26,7991	29,5103	0,02365	12,8302	16,3589	0,04109	0,1506	6,9399	0,78135	3	1
9.11.2019	38,3569	46,5743	0,07535	21,2563	29,5103	0,11524	8,25623	16,3589	0,22928	1,47312	6,9399	0,33775	0	0
10.11.2019	39,2785	46,5743	0,06142	21,8992	29,5103	0,09686	8,93052	16,3589	0,17326	1,51468	6,9399	0,32381	0	0
11.11.2019	269,504	46,5743	0,001	28,1134	29,5103	0,01572	12,8775	16,3589	0,04031	0,04408	6,9399	0,86406	3	1
12.11.2019	269,907	46,5743	0,001	28,1195	29,5103	0,01569	12,8851	16,3589	0,04019	0,02686	6,9399	0,89388	3	1
13.11.2019	270,295	46,5743	0,001	28,1067	29,5103	0,01576	12,9001	16,3589	0,03995	0,01947	6,9399	0,90917	3	1
14.11.2019	270,761	46,5743	0,001	28,1717	29,5103	0,0154	12,9188	16,3589	0,03968	0,01828	6,9399	0,91195	3	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test															
Maximum Eigen Value Test Stat															
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
21.05.2018	22,5099	33,7324	0,26532	12,1565	27,0636	0,6554	4,51854	20,163	0,926	1,60314	12,7608	0,85447	0	0	1
22.05.2018	23,2668	33,7324	0,20968	12,4513	27,0636	0,63069	5,05817	20,163	0,88297	1,87153	12,7608	0,80309	0	0	1
23.05.2018	23,3338	33,7324	0,20475	12,8238	27,0636	0,59946	6,73613	20,163	0,71371	1,94236	12,7608	0,79175	0	0	1
24.05.2018	23,7578	33,7324	0,18376	12,9957	27,0636	0,58505	6,68583	20,163	0,71885	1,92518	12,7608	0,79433	0	0	1
25.05.2018	23,9015	33,7324	0,17727	13,3568	27,0636	0,55477	6,99922	20,163	0,68684	1,96069	12,7608	0,78899	0	0	1
26.05.2018	24,2719	33,7324	0,16206	13,6195	27,0636	0,53275	6,78088	20,163	0,70914	1,98952	12,7608	0,78466	0	0	1
27.05.2018	23,204	33,7324	0,2143	13,88	27,0636	0,51091	6,64818	20,163	0,72269	1,98598	12,7608	0,78519	0	0	1
28.05.2018	23,1062	33,7324	0,22148	13,8545	27,0636	0,51305	7,53258	20,163	0,63236	1,98952	12,7608	0,78466	0	0	1
29.05.2018	23,5583	33,7324	0,19278	14,1933	27,0636	0,48464	7,03245	20,163	0,68344	2,02936	12,7608	0,77868	0	0	1
30.05.2018	24,6203	33,7324	0,14824	14,2092	27,0636	0,48331	7,17099	20,163	0,66929	2,06995	12,7608	0,77258	0	0	1
31.05.2018	24,8793	33,7324	0,13911	14,3248	27,0636	0,47362	6,78599	20,163	0,70861	2,07078	12,7608	0,77246	0	0	1
1.06.2018	24,8943	33,7324	0,13858	14,2849	27,0636	0,47696	6,53849	20,163	0,73389	2,10069	12,7608	0,76796	0	0	1
2.06.2018	25,7885	33,7324	0,10988	13,0482	27,0636	0,58065	5,77426	20,163	0,81255	2,12406	12,7608	0,76446	0	0	1
3.06.2018	25,9084	33,7324	0,10632	13,1854	27,0636	0,56914	5,53211	20,163	0,83786	2,17716	12,7608	0,75648	0	0	1
4.06.2018	26,2713	33,7324	0,09604	12,5277	27,0636	0,62428	6,43585	20,163	0,74438	2,16746	12,7608	0,75794	0	0	1
5.06.2018	25,8103	33,7324	0,10923	11,4725	27,0636	0,71275	4,82621	20,163	0,90284	2,1466	12,7608	0,76107	0	0	1
6.06.2018	25,5616	33,7324	0,11662	10,5077	27,0636	0,79363	3,43922	20,163	0,98012	1,89094	12,7608	0,79947	0	0	1
7.06.2018	26,3022	33,7324	0,09523	10,8285	27,0636	0,76674	3,89177	20,163	0,96253	1,96155	12,7608	0,78886	0	0	1
8.06.2018	27,1836	33,7324	0,07471	10,7625	27,0636	0,77226	4,56291	20,163	0,92286	1,95263	12,7608	0,7902	0	0	1
9.06.2018	27,5201	33,7324	0,06801	10,5744	27,0636	0,78804	4,06088	20,163	0,95413	1,99126	12,7608	0,7844	0	0	1
10.06.2018	27,0571	33,7324	0,07742	10,8734	27,0636	0,76297	6,64136	20,163	0,72339	2,30747	12,7608	0,73691	0	0	1
11.06.2018	26,2012	33,7324	0,09789	10,7941	27,0636	0,76962	5,64686	20,163	0,82616	2,27129	12,7608	0,74234	0	0	1
12.06.2018	26,9757	33,7324	0,07917	10,7647	27,0636	0,77209	5,94198	20,163	0,79482	2,11115	12,7608	0,76639	0	0	1
13.06.2018	25,3988	33,7324	0,12145	10,9423	27,0636	0,75719	6,34879	20,163	0,75327	2,14206	12,7608	0,76175	0	0	1
14.06.2018	24,5511	33,7324	0,15078	10,9463	27,0636	0,75686	5,68632	20,163	0,82198	2,16524	12,7608	0,75827	0	0	1
15.06.2018	24,4484	33,7324	0,15493	11,1632	27,0636	0,73867	6,07437	20,163	0,7813	2,34643	12,7608	0,73106	0	0	1
16.06.2018	23,9979	33,7324	0,17313	11,4645	27,0636	0,71342	5,74474	20,163	0,81572	2,51786	12,7608	0,70531	0	0	1
17.06.2018	23,5441	33,7324	0,19342	11,8131	27,0636	0,68419	5,42213	20,163	0,84907	2,84884	12,7608	0,6556	0	0	1
18.06.2018	23,2554	33,7324	0,21052	12,0065	27,0636	0,66798	4,71059	20,163	0,91193	2,82357	12,7608	0,65939	0	0	1
19.06.2018	22,7917	33,7324	0,24461	12,1222	27,0636	0,65827	4,38004	20,163	0,93534	2,64647	12,7608	0,68599	0	0	1
20.06.2018	23,2872	33,7324	0,20818	12,3159	27,0636	0,64204	4,59605	20,163	0,92048	2,59506	12,7608	0,69371	0	0	1
21.06.2018	24,0319	33,7324	0,17176	12,4426	27,0636	0,63141	4,36072	20,163	0,93657	3,12933	12,7608	0,61347	0	0	1
22.06.2018	23,9728	33,7324	0,17415	12,303	27,0636	0,64312	5,55529	20,163	0,83549	3,09683	12,7608	0,61835	0	0	1
23.06.2018	24,1631	33,7324	0,16646	12,4972	27,0636	0,62684	5,64251	20,163	0,8266	2,86611	12,7608	0,653	0	0	1
24.06.2018	23,6819	33,7324	0,18719	11,7998	27,0636	0,6853	6,02804	20,163	0,78603	2,59141	12,7608	0,69426	0	0	1
25.06.2018	23,609	33,7324	0,19049	12,0288	27,0636	0,66611	6,08872	20,163	0,77984	2,72558	12,7608	0,67411	0	0	1

26.06.2018	24,2562	33,7324	0,16269	11,469	27,0636	0,71303	6,37532	20,163	0,75056	2,5169	12,7608	0,70545	0	0	1
27.06.2018	24,1568	33,7324	0,16671	11,6516	27,0636	0,69773	6,49437	20,163	0,7384	2,52085	12,7608	0,70486	0	0	1
28.06.2018	23,6338	33,7324	0,18937	12,5692	27,0636	0,6208	6,71685	20,163	0,71568	2,56329	12,7608	0,69848	0	0	1
29.06.2018	22,7076	33,7324	0,25079	12,5519	27,0636	0,62226	6,57438	20,163	0,73023	2,74261	12,7608	0,67155	0	0	1
30.06.2018	22,4096	33,7324	0,27269	12,4087	27,0636	0,63426	6,46552	20,163	0,74135	2,65622	12,7608	0,68453	0	0	1
1.07.2018	21,7716	33,7324	0,31959	12,4074	27,0636	0,63437	6,53627	20,163	0,73412	2,62411	12,7608	0,68935	0	0	1
2.07.2018	23,669	33,7324	0,18778	12,0233	27,0636	0,66656	6,19563	20,163	0,76892	2,5639	12,7608	0,69839	0	0	1
3.07.2018	24,5714	33,7324	0,14996	11,9214	27,0636	0,67511	6,40944	20,163	0,74708	2,55499	12,7608	0,69973	0	0	1
4.07.2018	24,7479	33,7324	0,14374	12,4353	27,0636	0,63203	6,53317	20,163	0,73444	2,26786	12,7608	0,74286	0	0	1
5.07.2018	25,082	33,7324	0,13196	11,2563	27,0636	0,73087	6,32075	20,163	0,75613	2,32093	12,7608	0,73489	0	0	1
6.07.2018	24,8715	33,7324	0,13938	10,457	27,0636	0,79788	6,44595	20,163	0,74335	2,34922	12,7608	0,73064	0	0	1
7.07.2018	24,9652	33,7324	0,13608	10,9623	27,0636	0,75552	6,46099	20,163	0,74181	2,40751	12,7608	0,72188	0	0	1
8.07.2018	25,1078	33,7324	0,13105	10,2842	27,0636	0,81216	6,40243	20,163	0,74779	2,44748	12,7608	0,71588	0	0	1
9.07.2018	24,872	33,7324	0,13936	8,91718	27,0636	0,90878	6,35009	20,163	0,75314	2,43222	12,7608	0,71817	0	0	1
10.07.2018	23,4667	33,7324	0,19692	7,12603	27,0636	0,97861	6,12439	20,163	0,77619	2,26905	12,7608	0,74268	0	0	1
11.07.2018	22,483	33,7324	0,2673	6,96001	27,0636	0,98201	4,72177	20,163	0,91107	2,09146	12,7608	0,76935	0	0	1
12.07.2018	22,3924	33,7324	0,27396	6,97104	27,0636	0,98179	4,88052	20,163	0,89835	1,74817	12,7608	0,82708	0	0	1
13.07.2018	22,7027	33,7324	0,25115	7,00555	27,0636	0,98114	4,70627	20,163	0,91226	1,85173	12,7608	0,80695	0	0	1
14.07.2018	22,862	33,7324	0,23944	7,10067	27,0636	0,97919	4,71235	20,163	0,91179	1,85898	12,7608	0,80554	0	0	1
15.07.2018	23,2238	33,7324	0,21285	7,33638	27,0636	0,97361	6,03829	20,163	0,78499	2,14875	12,7608	0,76075	0	0	1
16.07.2018	23,423	33,7324	0,19889	7,51464	27,0636	0,96876	5,59929	20,163	0,83101	2,2412	12,7608	0,74686	0	0	1
17.07.2018	23,6558	33,7324	0,18837	7,84697	27,0636	0,95816	5,82915	20,163	0,80667	2,20489	12,7608	0,75231	0	0	1
18.07.2018	24,0321	33,7324	0,17175	7,85054	27,0636	0,95803	6,25638	20,163	0,76271	1,97776	12,7608	0,78643	0	0	1
19.07.2018	24,2765	33,7324	0,16187	7,85952	27,0636	0,95771	6,01527	20,163	0,78734	2,11299	12,7608	0,76612	0	0	1
20.07.2018	24,3411	33,7324	0,15926	7,48279	27,0636	0,9697	6,25593	20,163	0,76276	2,00158	12,7608	0,78285	0	0	1
21.07.2018	24,4818	33,7324	0,15358	7,62573	27,0636	0,96548	6,25606	20,163	0,76274	1,97058	12,7608	0,78751	0	0	1
22.07.2018	24,5039	33,7324	0,15269	7,60741	27,0636	0,96602	6,28121	20,163	0,76017	1,9853	12,7608	0,7853	0	0	1
23.07.2018	24,7691	33,7324	0,14299	7,47695	27,0636	0,96988	6,44304	20,163	0,74364	2,07168	12,7608	0,77232	0	0	1
24.07.2018	24,8546	33,7324	0,13998	7,61283	27,0636	0,96586	6,41008	20,163	0,74701	2,06513	12,7608	0,77331	0	0	1
25.07.2018	25,1986	33,7324	0,12785	7,7199	27,0636	0,96245	6,45038	20,163	0,74289	2,31915	12,7608	0,73515	0	0	1
26.07.2018	25,4014	33,7324	0,12138	7,85492	27,0636	0,95787	6,58922	20,163	0,72871	2,52126	12,7608	0,7048	0	0	1
27.07.2018	25,6203	33,7324	0,11487	8,0077	27,0636	0,95226	6,54166	20,163	0,73357	2,68183	12,7608	0,68068	0	0	1
28.07.2018	25,9486	33,7324	0,10512	8,07506	27,0636	0,94967	6,57221	20,163	0,73045	2,85686	12,7608	0,65439	0	0	1
29.07.2018	26,0813	33,7324	0,10118	8,20365	27,0636	0,94438	6,53955	20,163	0,73379	2,70704	12,7608	0,67689	0	0	1
30.07.2018	25,9977	33,7324	0,10366	8,50396	27,0636	0,9307	6,6679	20,163	0,72068	2,65891	12,7608	0,68412	0	0	1
31.07.2018	25,9436	33,7324	0,10527	8,57132	27,0636	0,92736	6,88507	20,163	0,69849	2,93834	12,7608	0,64215	0	0	1
1.08.2018	25,9137	33,7324	0,10616	8,60161	27,0636	0,92585	6,63183	20,163	0,72436	2,91729	12,7608	0,64532	0	0	1
2.08.2018	26,1552	33,7324	0,0991	8,66803	27,0636	0,92242	6,94562	20,163	0,69231	3,07494	12,7608	0,62164	0	0	1
3.08.2018	26,1458	33,7324	0,09935	8,7317	27,0636	0,91907	6,87995	20,163	0,69902	3,03936	12,7608	0,62698	0	0	1
4.08.2018	26,8581	33,7324	0,0818	8,81455	27,0636	0,91457	6,98387	20,163	0,6884	3,07188	12,7608	0,6221	0	0	1

5.08.2018	26,997	33,7324	0,07871	8,89024	27,0636	0,91032	7,02054	20,163	0,68466	3,04147	12,7608	0,62666	0	0	1
6.08.2018	27,0673	33,7324	0,0772	8,95619	27,0636	0,90653	7,0773	20,163	0,67886	3,07534	12,7608	0,62158	0	0	1
7.08.2018	26,9574	33,7324	0,07957	8,94025	27,0636	0,90745	7,13478	20,163	0,67299	3,07641	12,7608	0,62142	0	0	1
8.08.2018	27,3071	33,7324	0,0722	8,75585	27,0636	0,91776	7,12648	20,163	0,67384	3,04652	12,7608	0,62591	0	0	1
9.08.2018	27,339	33,7324	0,07155	8,94797	27,0636	0,907	7,23351	20,163	0,6629	3,09875	12,7608	0,61806	0	0	1
10.08.2018	27,5254	33,7324	0,0679	8,57075	27,0636	0,92739	7,28676	20,163	0,65747	3,04896	12,7608	0,62554	0	0	1
11.08.2018	27,6963	33,7324	0,06468	8,41233	27,0636	0,93508	7,36042	20,163	0,64994	3,01082	12,7608	0,63127	0	0	1
12.08.2018	27,8123	33,7324	0,06261	8,44211	27,0636	0,93366	7,38848	20,163	0,64708	3,03312	12,7608	0,62792	0	0	1
13.08.2018	28,2675	33,7324	0,05488	7,87782	27,0636	0,95706	7,35707	20,163	0,65028	2,86407	12,7608	0,65331	0	0	1
14.08.2018	28,3705	33,7324	0,05331	7,60931	27,0636	0,96596	7,0971	20,163	0,67684	2,81847	12,7608	0,66016	0	0	1
15.08.2018	28,5838	33,7324	0,05006	7,7897	27,0636	0,96017	6,72122	20,163	0,71523	2,83863	12,7608	0,65713	0	0	1
16.08.2018	28,8007	33,7324	0,04703	8,22346	27,0636	0,94352	6,70437	20,163	0,71695	2,8828	12,7608	0,6505	1	0	1
17.08.2018	29,0661	33,7324	0,04349	8,87362	27,0636	0,91126	7,58689	20,163	0,62681	2,94914	12,7608	0,64053	1	0	1
18.08.2018	26,8374	33,7324	0,08227	9,49441	27,0636	0,87217	7,74937	20,163	0,61021	2,94781	12,7608	0,64073	0	0	1
19.08.2018	28,6241	33,7324	0,04949	9,05068	27,0636	0,90095	7,73994	20,163	0,61118	2,97127	12,7608	0,63721	1	0	1
20.08.2018	24,5755	33,7324	0,14982	8,6844	27,0636	0,92157	7,77096	20,163	0,60801	2,9944	12,7608	0,63373	0	0	1
21.08.2018	25,5825	33,7324	0,116	8,85654	27,0636	0,91221	7,47954	20,163	0,63777	3,01256	12,7608	0,63101	0	0	1
22.08.2018	26,3107	33,7324	0,095	8,81669	27,0636	0,91445	7,35121	20,163	0,65088	3,03501	12,7608	0,62764	0	0	1
23.08.2018	25,7591	33,7324	0,11075	8,94296	27,0636	0,90729	7,48585	20,163	0,63713	3,05169	12,7608	0,62513	0	0	1
24.08.2018	25,5119	33,7324	0,11809	10,0426	27,0636	0,83164	7,1288	20,163	0,6736	3,07887	12,7608	0,62105	0	0	1
25.08.2018	26,5295	33,7324	0,08952	10,1717	27,0636	0,82144	7,19312	20,163	0,66703	3,10176	12,7608	0,61761	0	0	1
26.08.2018	26,6559	33,7324	0,08648	10,1501	27,0636	0,82322	7,08908	20,163	0,67766	3,09771	12,7608	0,61822	0	0	1
27.08.2018	25,968	33,7324	0,10454	10,4363	27,0636	0,79961	7,24621	20,163	0,66161	3,01822	12,7608	0,63016	0	0	1
28.08.2018	25,8862	33,7324	0,10697	10,478	27,0636	0,79612	7,63736	20,163	0,62165	3,04156	12,7608	0,62665	0	0	1
29.08.2018	25,6407	33,7324	0,11427	10,4278	27,0636	0,80033	7,37279	20,163	0,64868	3,05798	12,7608	0,62418	0	0	1
30.08.2018	25,9653	33,7324	0,10462	10,4215	27,0636	0,80084	7,25463	20,163	0,66075	3,13262	12,7608	0,61297	0	0	1
31.08.2018	26,4291	33,7324	0,09202	10,6567	27,0636	0,78113	7,0639	20,163	0,68023	3,15255	12,7608	0,60998	0	0	1
1.09.2018	26,7577	33,7324	0,08409	10,8662	27,0636	0,76358	7,11648	20,163	0,67486	3,12484	12,7608	0,61414	0	0	1
2.09.2018	26,965	33,7324	0,0794	10,758	27,0636	0,77264	7,29216	20,163	0,65691	3,13448	12,7608	0,61269	0	0	1
3.09.2018	27,1255	33,7324	0,07594	10,7672	27,0636	0,77187	7,29365	20,163	0,65676	3,14475	12,7608	0,61115	0	0	1
4.09.2018	27,3301	33,7324	0,07173	10,8671	27,0636	0,7635	7,27507	20,163	0,65866	3,16925	12,7608	0,60747	0	0	1
5.09.2018	27,4804	33,7324	0,06876	10,4984	27,0636	0,79441	7,13122	20,163	0,67335	3,24757	12,7608	0,59571	0	0	1
6.09.2018	27,5079	33,7324	0,06824	10,5949	27,0636	0,78632	6,90433	20,163	0,69653	3,26797	12,7608	0,59264	0	0	1
7.09.2018	27,3419	33,7324	0,07149	10,6336	27,0636	0,78307	6,83163	20,163	0,70395	3,30679	12,7608	0,58681	0	0	1
8.09.2018	26,9117	33,7324	0,08058	10,2867	27,0636	0,81196	6,79833	20,163	0,70735	3,33576	12,7608	0,58246	0	0	1
9.09.2018	26,8993	33,7324	0,08086	10,3176	27,0636	0,80941	6,73919	20,163	0,7134	3,36208	12,7608	0,57851	0	0	1
10.09.2018	26,6868	33,7324	0,08574	10,2793	27,0636	0,81257	6,60694	20,163	0,7269	3,3718	12,7608	0,57705	0	0	1
11.09.2018	26,3353	33,7324	0,09438	10,3412	27,0636	0,80747	6,45386	20,163	0,74254	3,40177	12,7608	0,57255	0	0	1
12.09.2018	25,9912	33,7324	0,10386	10,3223	27,0636	0,80902	6,45399	20,163	0,74253	3,43175	12,7608	0,56805	0	0	1
13.09.2018	26,5527	33,7324	0,08896	10,5041	27,0636	0,79393	6,6387	20,163	0,72366	3,42388	12,7608	0,56923	0	0	1

14.09.2018	26,6181	33,7324	0,08739	10,7535	27,0636	0,77302	6,49066	20,163	0,73878	3,41688	12,7608	0,57028	0	0	1
15.09.2018	26,8978	33,7324	0,0809	10,7543	27,0636	0,77296	6,74742	20,163	0,71255	3,42894	12,7608	0,56847	0	0	1
16.09.2018	26,9338	33,7324	0,08008	10,756	27,0636	0,77281	6,67927	20,163	0,71952	3,46771	12,7608	0,56264	0	0	1
17.09.2018	26,6512	33,7324	0,0866	10,7393	27,0636	0,77421	6,4482	20,163	0,74312	3,53614	12,7608	0,55237	0	0	1
18.09.2018	26,7765	33,7324	0,08366	10,8655	27,0636	0,76363	6,47728	20,163	0,74015	3,54428	12,7608	0,55114	0	0	1
19.09.2018	26,6091	33,7324	0,08761	10,8141	27,0636	0,76794	6,58094	20,163	0,72956	3,55898	12,7608	0,54894	0	0	1
20.09.2018	26,5196	33,7324	0,08976	11,0449	27,0636	0,74859	6,56677	20,163	0,73101	3,54156	12,7608	0,55155	0	0	1
21.09.2018	26,9825	33,7324	0,07903	11,2275	27,0636	0,73329	6,81232	20,163	0,70593	3,5459	12,7608	0,5509	0	0	1
22.09.2018	27,3303	33,7324	0,07172	11,2336	27,0636	0,73277	6,80254	20,163	0,70692	3,56682	12,7608	0,54776	0	0	1
23.09.2018	27,3282	33,7324	0,07177	11,2767	27,0636	0,72916	6,80414	20,163	0,70676	3,59074	12,7608	0,54417	0	0	1
24.09.2018	27,2416	33,7324	0,07353	11,2144	27,0636	0,73438	6,78789	20,163	0,70842	3,61373	12,7608	0,54071	0	0	1
25.09.2018	26,7057	33,7324	0,08529	11,1572	27,0636	0,73918	6,65066	20,163	0,72244	3,64845	12,7608	0,5355	0	0	1
26.09.2018	26,6738	33,7324	0,08605	11,1832	27,0636	0,737	6,73118	20,163	0,71421	3,66967	12,7608	0,53231	0	0	1
27.09.2018	26,0492	33,7324	0,10213	11,2042	27,0636	0,73523	6,93279	20,163	0,69362	3,68646	12,7608	0,52979	0	0	1
28.09.2018	26,0909	33,7324	0,10089	11,2882	27,0636	0,72819	6,87211	20,163	0,69982	3,70136	12,7608	0,52755	0	0	1
29.09.2018	26,1352	33,7324	0,09963	11,3521	27,0636	0,72283	6,96666	20,163	0,69016	3,72507	12,7608	0,52399	0	0	1
30.09.2018	26,784	33,7324	0,08349	11,3608	27,0636	0,72211	7,09064	20,163	0,6775	3,74312	12,7608	0,52128	0	0	1
1.10.2018	26,6409	33,7324	0,08684	11,3486	27,0636	0,72313	7,00626	20,163	0,68612	3,76478	12,7608	0,51803	0	0	1
2.10.2018	26,5477	33,7324	0,08908	11,5665	27,0636	0,70486	6,92069	20,163	0,69486	3,76178	12,7608	0,51848	0	0	1
3.10.2018	27,6517	33,7324	0,06551	11,833	27,0636	0,68252	7,10915	20,163	0,67561	3,80318	12,7608	0,51226	0	0	1
4.10.2018	27,7955	33,7324	0,06291	11,8571	27,0636	0,6805	7,11866	20,163	0,67464	3,82411	12,7608	0,50911	0	0	1
5.10.2018	26,8002	33,7324	0,08312	11,9498	27,0636	0,67273	7,1889	20,163	0,66746	3,82917	12,7608	0,50835	0	0	1
6.10.2018	26,5331	33,7324	0,08943	12,0126	27,0636	0,66747	7,22166	20,163	0,66412	3,88074	12,7608	0,50061	0	0	1
7.10.2018	27,2052	33,7324	0,07427	12,0835	27,0636	0,66152	7,13334	20,163	0,67314	3,85741	12,7608	0,50411	0	0	1
8.10.2018	27,0815	33,7324	0,07689	12,1448	27,0636	0,65638	7,10976	20,163	0,67554	3,8653	12,7608	0,50293	0	0	1
9.10.2018	26,3623	33,7324	0,0937	12,2012	27,0636	0,65165	7,13277	20,163	0,67319	3,90598	12,7608	0,49682	0	0	1
10.10.2018	26,6199	33,7324	0,08735	12,2764	27,0636	0,64535	7,14081	20,163	0,67237	3,93905	12,7608	0,49185	0	0	1
11.10.2018	27,2056	33,7324	0,07426	12,3363	27,0636	0,64033	6,87205	20,163	0,69982	4,07335	12,7608	0,47168	0	0	1
12.10.2018	27,0438	33,7324	0,0777	12,4073	27,0636	0,63438	6,92922	20,163	0,69399	4,08048	12,7608	0,47061	0	0	1
13.10.2018	27,0998	33,7324	0,0765	12,4442	27,0636	0,63128	6,9315	20,163	0,69375	4,09801	12,7608	0,46798	0	0	1
14.10.2018	27,0135	33,7324	0,07836	12,4975	27,0636	0,62681	6,93057	20,163	0,69385	4,12261	12,7608	0,46428	0	0	1
15.10.2018	27,2247	33,7324	0,07387	12,5665	27,0636	0,62103	7,1286	20,163	0,67362	4,0795	12,7608	0,47076	0	0	1
16.10.2018	27,3144	33,7324	0,07205	12,5785	27,0636	0,62002	7,14382	20,163	0,67207	4,12519	12,7608	0,4639	0	0	1
17.10.2018	27,6267	33,7324	0,06598	12,6126	27,0636	0,61716	7,12988	20,163	0,67349	4,13689	12,7608	0,46214	0	0	1
18.10.2018	27,679	33,7324	0,06499	12,6815	27,0636	0,61139	7,0496	20,163	0,68169	4,16686	12,7608	0,45764	0	0	1
19.10.2018	27,7853	33,7324	0,06309	12,7527	27,0636	0,60541	7,07046	20,163	0,67956	4,18379	12,7608	0,45509	0	0	1
20.10.2018	27,9492	33,7324	0,06017	12,7761	27,0636	0,60345	7,13227	20,163	0,67325	4,20476	12,7608	0,45194	0	0	1
21.10.2018	28,1885	33,7324	0,05618	12,7907	27,0636	0,60223	7,09894	20,163	0,67665	4,21714	12,7608	0,45008	0	0	1
22.10.2018	28,316	33,7324	0,05414	12,8633	27,0636	0,59615	7,10319	20,163	0,67622	4,2339	12,7608	0,44757	0	0	1
23.10.2018	28,4554	33,7324	0,05202	12,913	27,0636	0,59198	7,11077	20,163	0,67544	4,24634	12,7608	0,4457	0	0	1

24.10.2018	28,5552	33,7324	0,05049	13,0147	27,0636	0,58346	7,16033	20,163	0,67038	4,28185	12,7608	0,44037	0	0	1
25.10.2018	28,7338	33,7324	0,04796	13,0427	27,0636	0,58111	7,17673	20,163	0,6687	4,30355	12,7608	0,43711	1	0	1
26.10.2018	28,8789	33,7324	0,04594	13,0812	27,0636	0,57787	7,19721	20,163	0,66661	4,31654	12,7608	0,43515	1	0	1
27.10.2018	28,9973	33,7324	0,04436	13,0965	27,0636	0,57659	7,23106	20,163	0,66315	4,33785	12,7608	0,43195	1	0	1
28.10.2018	29,1024	33,7324	0,04303	13,1346	27,0636	0,5734	7,23667	20,163	0,66258	4,35594	12,7608	0,42924	1	0	1
29.10.2018	29,1243	33,7324	0,04276	13,1288	27,0636	0,57389	7,13398	20,163	0,67307	4,37809	12,7608	0,42591	1	0	1
30.10.2018	29,0872	33,7324	0,04323	13,1475	27,0636	0,57232	7,17767	20,163	0,66861	4,39949	12,7608	0,4227	1	0	1
31.10.2018	29,0107	33,7324	0,04419	13,1641	27,0636	0,57093	7,18857	20,163	0,6675	4,41125	12,7608	0,42093	1	0	1
1.11.2018	28,9494	33,7324	0,04496	13,1882	27,0636	0,56891	7,21479	20,163	0,66482	4,42118	12,7608	0,41944	1	0	1
2.11.2018	29,0693	33,7324	0,04345	13,1558	27,0636	0,57162	7,26176	20,163	0,66002	4,43324	12,7608	0,41763	1	0	1
3.11.2018	28,9144	33,7324	0,04545	13,1752	27,0636	0,57	7,28185	20,163	0,65797	4,45921	12,7608	0,41373	1	0	1
4.11.2018	28,9404	33,7324	0,04508	13,3091	27,0636	0,55877	7,32431	20,163	0,65363	4,46981	12,7608	0,41213	1	0	1
5.11.2018	29,0878	33,7324	0,04322	13,3589	27,0636	0,55459	7,35607	20,163	0,65039	4,4943	12,7608	0,40846	1	0	1
6.11.2018	29,1567	33,7324	0,04235	13,4081	27,0636	0,55047	7,40409	20,163	0,64548	4,50926	12,7608	0,40621	1	0	1
7.11.2018	29,4493	33,7324	0,0388	13,5268	27,0636	0,54053	7,41093	20,163	0,64478	4,53069	12,7608	0,40299	1	0	1
8.11.2018	29,9578	33,7324	0,0333	13,6493	27,0636	0,53026	7,5009	20,163	0,63559	4,57169	12,7608	0,39683	1	0	1
9.11.2018	29,8974	33,7324	0,0339	13,6899	27,0636	0,52685	7,59121	20,163	0,62637	4,60382	12,7608	0,39201	1	0	1
10.11.2018	29,5831	33,7324	0,03729	13,7594	27,0636	0,52102	7,61197	20,163	0,62425	4,62631	12,7608	0,38863	1	0	1
11.11.2018	29,5141	33,7324	0,03807	13,8204	27,0636	0,51591	7,60248	20,163	0,62522	4,64717	12,7608	0,3855	1	0	1
12.11.2018	29,977	33,7324	0,03312	13,8361	27,0636	0,51459	7,58085	20,163	0,62743	4,66689	12,7608	0,38253	1	0	1
13.11.2018	29,7013	33,7324	0,03596	13,8791	27,0636	0,51099	7,59988	20,163	0,62548	4,68783	12,7608	0,37939	1	0	1
14.11.2018	30,3438	33,7324	0,02956	13,6551	27,0636	0,52977	7,42547	20,163	0,6433	4,68081	12,7608	0,38044	1	0	1
15.11.2018	30,5033	33,7324	0,02821	13,7204	27,0636	0,52429	7,39402	20,163	0,64651	4,67746	12,7608	0,38095	1	0	1
16.11.2018	30,5466	33,7324	0,02785	13,5561	27,0636	0,53807	7,4425	20,163	0,64156	4,66604	12,7608	0,38266	1	0	1
17.11.2018	30,7723	33,7324	0,02593	13,5575	27,0636	0,53795	7,39035	20,163	0,64688	4,65359	12,7608	0,38453	1	0	1
18.11.2018	30,9073	33,7324	0,02483	13,736	27,0636	0,52299	7,42427	20,163	0,64342	4,71198	12,7608	0,37576	1	0	1
19.11.2018	31,1642	33,7324	0,02302	13,1889	27,0636	0,56885	7,1946	20,163	0,66688	4,47014	12,7608	0,41208	1	0	1
20.11.2018	31,2069	33,7324	0,02272	12,9759	27,0636	0,58671	6,96275	20,163	0,69056	4,23301	12,7608	0,4477	1	0	1
21.11.2018	31,3227	33,7324	0,0219	13,2675	27,0636	0,56226	7,0177	20,163	0,68495	4,38551	12,7608	0,4248	1	0	1
22.11.2018	31,631	33,7324	0,01979	13,1426	27,0636	0,57273	7,03919	20,163	0,68275	4,23785	12,7608	0,44697	1	0	1
23.11.2018	31,8525	33,7324	0,01855	13,0664	27,0636	0,57912	7,05891	20,163	0,68074	4,15895	12,7608	0,45882	1	0	1
24.11.2018	31,9051	33,7324	0,01826	12,8057	27,0636	0,60098	6,95712	20,163	0,69114	3,99753	12,7608	0,48307	1	0	1
25.11.2018	32,0318	33,7324	0,01756	12,7028	27,0636	0,6096	7,00672	20,163	0,68607	4,01931	12,7608	0,4798	1	0	1
26.11.2018	31,9529	33,7324	0,018	12,4887	27,0636	0,62755	6,83157	20,163	0,70396	3,95359	12,7608	0,48967	1	0	1
27.11.2018	31,9566	33,7324	0,01797	12,4581	27,0636	0,63012	6,8242	20,163	0,70471	3,96924	12,7608	0,48732	1	0	1
28.11.2018	31,8377	33,7324	0,01864	12,6455	27,0636	0,61441	6,95837	20,163	0,69101	4,08351	12,7608	0,47016	1	0	1
29.11.2018	32,505	33,7324	0,01495	12,7454	27,0636	0,60603	7,06187	20,163	0,68044	4,13659	12,7608	0,46218	1	0	1
30.11.2018	32,3718	33,7324	0,01567	12,8148	27,0636	0,60021	7,02257	20,163	0,68445	3,99627	12,7608	0,48326	1	0	1
1.12.2018	32,4813	33,7324	0,01506	12,699	27,0636	0,60992	7,02063	20,163	0,68465	4,09356	12,7608	0,46865	1	0	1
2.12.2018	32,5068	33,7324	0,01494	12,7065	27,0636	0,60929	6,98992	20,163	0,68779	4,08216	12,7608	0,47036	1	0	1

3.12.2018	32,5657	33,7324	0,0147	12,6672	27,0636	0,61259	6,94354	20,163	0,69252	4,05834	12,7608	0,47394	1	0	1
4.12.2018	32,6477	33,7324	0,01437	12,9451	27,0636	0,58929	6,77275	20,163	0,70997	4,30842	12,7608	0,43637	1	0	1
5.12.2018	32,5064	33,7324	0,01494	13,0011	27,0636	0,58459	6,59179	20,163	0,72845	4,40503	12,7608	0,42186	1	0	1
6.12.2018	32,5527	33,7324	0,01475	12,4991	27,0636	0,62668	6,73054	20,163	0,71428	4,13017	12,7608	0,46315	1	0	1
7.12.2018	32,5911	33,7324	0,0146	12,3859	27,0636	0,63617	6,79338	20,163	0,70786	3,99364	12,7608	0,48365	1	0	1
8.12.2018	32,5638	33,7324	0,01471	12,518	27,0636	0,6251	6,74796	20,163	0,7125	4,04303	12,7608	0,47623	1	0	1
9.12.2018	32,6419	33,7324	0,01439	12,5425	27,0636	0,62304	6,78306	20,163	0,70891	4,09766	12,7608	0,46803	1	0	1
10.12.2018	32,8834	33,7324	0,01342	12,4687	27,0636	0,62923	6,76303	20,163	0,71096	4,07318	12,7608	0,47171	1	0	1
11.12.2018	33,0728	33,7324	0,01266	12,6413	27,0636	0,61476	6,73179	20,163	0,71415	4,1257	12,7608	0,46382	1	0	1
12.12.2018	33,2379	33,7324	0,01199	12,6478	27,0636	0,61421	6,766	20,163	0,71066	4,18043	12,7608	0,4556	1	0	1
13.12.2018	33,3139	33,7324	0,01169	12,4837	27,0636	0,62797	6,81933	20,163	0,70521	4,08753	12,7608	0,46955	1	0	1
14.12.2018	33,4762	33,7324	0,01103	12,4772	27,0636	0,62852	6,81947	20,163	0,7052	4,07993	12,7608	0,47069	1	0	1
15.12.2018	33,6086	33,7324	0,0105	12,5027	27,0636	0,62638	6,85733	20,163	0,70133	4,07746	12,7608	0,47106	1	0	1
16.12.2018	33,7419	33,7324	0,00998	12,4199	27,0636	0,63332	6,83122	20,163	0,704	4,12943	12,7608	0,46326	1	1	1
17.12.2018	33,8313	33,7324	0,00976	12,4696	27,0636	0,62915	6,83764	20,163	0,70334	4,26857	12,7608	0,44236	1	1	1
18.12.2018	33,79	33,7324	0,00986	12,5227	27,0636	0,6247	6,80372	20,163	0,7068	4,42002	12,7608	0,41961	1	1	1
19.12.2018	33,726	33,7324	0,01003	12,4486	27,0636	0,63092	6,85496	20,163	0,70157	4,40693	12,7608	0,42158	1	0	1
20.12.2018	32,8052	33,7324	0,01374	12,2648	27,0636	0,64632	6,8754	20,163	0,69948	4,51378	12,7608	0,40553	1	0	1
21.12.2018	32,531	33,7324	0,01484	12,3243	27,0636	0,64134	6,83039	20,163	0,70408	4,45454	12,7608	0,41443	1	0	1
22.12.2018	31,8653	33,7324	0,01848	12,4207	27,0636	0,63326	6,85439	20,163	0,70163	4,53863	12,7608	0,4018	1	0	1
23.12.2018	32,0039	33,7324	0,01771	12,3446	27,0636	0,63963	6,87093	20,163	0,69994	4,57869	12,7608	0,39578	1	0	1
24.12.2018	29,2793	33,7324	0,0408	12,4653	27,0636	0,62951	6,97785	20,163	0,68902	4,61763	12,7608	0,38993	1	0	1
25.12.2018	28,7228	33,7324	0,04811	12,4545	27,0636	0,63042	7,03003	20,163	0,68369	4,50692	12,7608	0,40656	1	0	1
26.12.2018	24,6308	33,7324	0,14787	12,4568	27,0636	0,63022	7,07199	20,163	0,6794	4,56646	12,7608	0,39762	0	0	1
27.12.2018	24,2247	33,7324	0,16397	12,2639	27,0636	0,6464	7,04625	20,163	0,68203	4,48332	12,7608	0,4101	0	0	1
28.12.2018	19,9248	33,7324	0,45535	12,2356	27,0636	0,64877	7,03526	20,163	0,68315	4,63738	12,7608	0,38697	0	0	1
29.12.2018	18,2983	33,7324	0,5749	12,324	27,0636	0,64136	7,07505	20,163	0,67909	4,61642	12,7608	0,39011	0	0	1
30.12.2018	17,0277	33,7324	0,66831	12,2158	27,0636	0,65043	7,09483	20,163	0,67707	4,64989	12,7608	0,38509	0	0	1
31.12.2018	19,0374	33,7324	0,52057	12,2355	27,0636	0,64878	6,94975	20,163	0,69189	4,68642	12,7608	0,3796	0	0	1
1.01.2019	17,7113	33,7324	0,61806	12,1028	27,0636	0,65991	7,02834	20,163	0,68386	4,69664	12,7608	0,37807	0	0	1
2.01.2019	15,2078	33,7324	0,80197	12,0758	27,0636	0,66216	7,10916	20,163	0,67561	4,71627	12,7608	0,37512	0	0	1
3.01.2019	15,8719	33,7324	0,75326	12,194	27,0636	0,65226	7,11613	20,163	0,67489	4,6978	12,7608	0,37789	0	0	1
4.01.2019	14,318	33,7324	0,86048	11,8683	27,0636	0,67957	7,13302	20,163	0,67317	4,74331	12,7608	0,37106	0	0	1
5.01.2019	14,4127	33,7324	0,85481	11,8682	27,0636	0,67957	7,13593	20,163	0,67287	4,75052	12,7608	0,36997	0	0	1
6.01.2019	13,4999	33,7324	0,90537	11,269	27,0636	0,7298	7,16265	20,163	0,67014	4,79663	12,7608	0,36305	0	0	1
7.01.2019	13,6406	33,7324	0,8983	10,981	27,0636	0,75395	7,1228	20,163	0,67421	4,81022	12,7608	0,36101	0	0	1
8.01.2019	13,4655	33,7324	0,90701	11,5358	27,0636	0,70744	7,07791	20,163	0,6788	4,83268	12,7608	0,35763	0	0	1
9.01.2019	13,4952	33,7324	0,9056	10,9528	27,0636	0,75631	7,08677	20,163	0,67789	4,84914	12,7608	0,35516	0	0	1
10.01.2019	14,598	33,7324	0,84317	11,7692	27,0636	0,68787	6,97755	20,163	0,68905	4,86116	12,7608	0,35336	0	0	1
11.01.2019	14,987	33,7324	0,81734	12,2182	27,0636	0,65023	6,97644	20,163	0,68916	4,87947	12,7608	0,35061	0	0	1

12.01.2019	15,1038	33,7324	0,80921	12,3691	27,0636	0,63758	7,03733	20,163	0,68294	4,89239	12,7608	0,34866	0	0	1
13.01.2019	15,4578	33,7324	0,78371	12,3482	27,0636	0,63933	7,07721	20,163	0,67887	4,88881	12,7608	0,3492	0	0	1
14.01.2019	15,2602	33,7324	0,79823	12,4964	27,0636	0,62691	7,06192	20,163	0,68043	4,93695	12,7608	0,34197	0	0	1
15.01.2019	15,45	33,7324	0,78427	12,4472	27,0636	0,63103	7,07163	20,163	0,67944	4,9422	12,7608	0,34118	0	0	1
16.01.2019	15,4643	33,7324	0,78323	12,6003	27,0636	0,61819	7,04629	20,163	0,68203	4,96872	12,7608	0,3372	0	0	1
17.01.2019	15,4673	33,7324	0,78301	12,6314	27,0636	0,61558	7,02334	20,163	0,68437	4,99356	12,7608	0,33347	0	0	1
18.01.2019	15,5235	33,7324	0,77887	12,6267	27,0636	0,61598	6,98742	20,163	0,68804	5,00685	12,7608	0,33147	0	0	1
19.01.2019	15,7252	33,7324	0,76405	12,7501	27,0636	0,60563	6,99739	20,163	0,68702	5,0231	12,7608	0,32903	0	0	1
20.01.2019	15,3282	33,7324	0,79323	12,5308	27,0636	0,62402	7,02584	20,163	0,68412	5,04168	12,7608	0,32624	0	0	1
21.01.2019	15,3763	33,7324	0,78969	12,5788	27,0636	0,62	7,02577	20,163	0,68412	5,05525	12,7608	0,3242	0	0	1
22.01.2019	15,443	33,7324	0,78479	12,6579	27,0636	0,61337	7,04153	20,163	0,68251	5,07452	12,7608	0,32131	0	0	1
23.01.2019	15,2021	33,7324	0,80237	12,465	27,0636	0,62954	7,0446	20,163	0,6822	5,08182	12,7608	0,32021	0	0	1
24.01.2019	15,1358	33,7324	0,80699	12,5076	27,0636	0,62597	7,04944	20,163	0,68171	5,10695	12,7608	0,31644	0	0	1
25.01.2019	15,2484	33,7324	0,7991	12,6962	27,0636	0,61015	7,05323	20,163	0,68132	5,10028	12,7608	0,31744	0	0	1
26.01.2019	15,3514	33,7324	0,79152	12,7942	27,0636	0,60194	7,03377	20,163	0,68331	5,07197	12,7608	0,32169	0	0	1
27.01.2019	15,4319	33,7324	0,7856	12,8936	27,0636	0,59361	7,04607	20,163	0,68205	5,07695	12,7608	0,32094	0	0	1
28.01.2019	15,577	33,7324	0,77494	12,7111	27,0636	0,60891	7,09529	20,163	0,67702	5,2189	12,7608	0,29962	0	0	1
29.01.2019	15,9341	33,7324	0,74869	12,8843	27,0636	0,59438	7,0866	20,163	0,67791	5,25322	12,7608	0,29447	0	0	1
30.01.2019	15,7791	33,7324	0,76009	12,7273	27,0636	0,60755	7,12596	20,163	0,67389	5,26819	12,7608	0,29222	0	0	1
31.01.2019	15,8006	33,7324	0,7585	12,8076	27,0636	0,60082	7,13076	20,163	0,6734	5,2783	12,7608	0,2907	0	0	1
1.02.2019	15,8927	33,7324	0,75173	12,8493	27,0636	0,59732	7,10975	20,163	0,67555	5,26404	12,7608	0,29284	0	0	1
2.02.2019	15,9093	33,7324	0,75051	12,9377	27,0636	0,58991	7,11048	20,163	0,67547	5,24345	12,7608	0,29594	0	0	1
3.02.2019	15,9145	33,7324	0,75014	12,9722	27,0636	0,58702	7,15006	20,163	0,67143	5,28595	12,7608	0,28955	0	0	1
4.02.2019	15,8981	33,7324	0,75134	13,0574	27,0636	0,57988	7,14869	20,163	0,67157	5,22094	12,7608	0,29932	0	0	1
5.02.2019	15,8583	33,7324	0,75426	13,2418	27,0636	0,56441	7,13289	20,163	0,67318	5,09279	12,7608	0,31857	0	0	1
6.02.2019	15,9476	33,7324	0,7477	13,3436	27,0636	0,55588	7,14496	20,163	0,67195	5,01327	12,7608	0,33051	0	0	1
7.02.2019	16,2591	33,7324	0,7248	13,3931	27,0636	0,55173	7,17561	20,163	0,66882	5,13757	12,7608	0,31184	0	0	1
8.02.2019	15,711	33,7324	0,76509	13,4372	27,0636	0,54804	7,191	20,163	0,66725	4,78754	12,7608	0,36441	0	0	1
9.02.2019	15,6893	33,7324	0,76669	13,4936	27,0636	0,54331	7,22735	20,163	0,66353	4,74334	12,7608	0,37105	0	0	1
10.02.2019	15,5167	33,7324	0,77937	13,5353	27,0636	0,53981	7,24128	20,163	0,66211	4,52904	12,7608	0,40324	0	0	1
11.02.2019	15,5246	33,7324	0,77879	13,546	27,0636	0,53891	7,24463	20,163	0,66177	4,34258	12,7608	0,43124	0	0	1
12.02.2019	15,5945	33,7324	0,77366	13,613	27,0636	0,5333	7,25683	20,163	0,66052	4,44644	12,7608	0,41564	0	0	1
13.02.2019	15,2217	33,7324	0,801	13,6923	27,0636	0,52665	7,29689	20,163	0,65643	4,71881	12,7608	0,37474	0	0	1
14.02.2019	14,9357	33,7324	0,82091	13,7331	27,0636	0,52323	7,32247	20,163	0,65382	4,75124	12,7608	0,36986	0	0	1
15.02.2019	14,8885	33,7324	0,8242	13,7871	27,0636	0,5187	7,32314	20,163	0,65375	4,45646	12,7608	0,41414	0	0	1
16.02.2019	14,8558	33,7324	0,82638	13,8038	27,0636	0,5173	7,3509	20,163	0,65091	4,53653	12,7608	0,40211	0	0	1
17.02.2019	14,9598	33,7324	0,81924	13,7938	27,0636	0,51813	7,39227	20,163	0,64669	4,48071	12,7608	0,4105	0	0	1
18.02.2019	14,3637	33,7324	0,85775	13,7438	27,0636	0,52233	7,42641	20,163	0,6432	4,22377	12,7608	0,44909	0	0	1
19.02.2019	14,7821	33,7324	0,83118	13,9367	27,0636	0,50616	7,42947	20,163	0,64289	3,76769	12,7608	0,51759	0	0	1
20.02.2019	15,3058	33,7324	0,79488	13,8767	27,0636	0,51118	7,46198	20,163	0,63957	3,61815	12,7608	0,54005	0	0	1

21.02.2019	14,2091	33,7324	0,867	12,9664	27,0636	0,5875	7,56456	20,163	0,62909	3,81273	12,7608	0,51082	0	0	1
22.02.2019	14,2556	33,7324	0,86422	11,7248	27,0636	0,6916	7,62311	20,163	0,62311	3,39959	12,7608	0,57288	0	0	1
23.02.2019	14,2751	33,7324	0,86305	10,9859	27,0636	0,75354	7,72683	20,163	0,61252	3,28045	12,7608	0,59077	0	0	1
24.02.2019	14,317	33,7324	0,86054	12,432	27,0636	0,6323	7,59114	20,163	0,62638	3,94932	12,7608	0,49031	0	0	1
25.02.2019	14,3699	33,7324	0,85737	11,9982	27,0636	0,66867	7,60015	20,163	0,62546	4,16373	12,7608	0,45811	0	0	1
26.02.2019	14,4226	33,7324	0,85422	11,793	27,0636	0,68587	7,63427	20,163	0,62197	4,3544	12,7608	0,42947	0	0	1
27.02.2019	14,4752	33,7324	0,85107	12,4242	27,0636	0,63296	7,59516	20,163	0,62597	4,18531	12,7608	0,45486	0	0	1
28.02.2019	14,5918	33,7324	0,84357	12,5244	27,0636	0,62456	7,58838	20,163	0,62666	3,95956	12,7608	0,48877	0	0	1
1.03.2019	14,8046	33,7324	0,82971	12,7964	27,0636	0,60175	7,58636	20,163	0,62686	3,44113	12,7608	0,56664	0	0	1
2.03.2019	14,9208	33,7324	0,82195	12,7058	27,0636	0,60935	7,63272	20,163	0,62213	3,23108	12,7608	0,59819	0	0	1
3.03.2019	14,9579	33,7324	0,81937	12,9011	27,0636	0,59298	7,66825	20,163	0,6185	3,49741	12,7608	0,55818	0	0	1
4.03.2019	15,0111	33,7324	0,81567	13,1751	27,0636	0,57001	7,65645	20,163	0,6197	3,58718	12,7608	0,5447	0	0	1
5.03.2019	15,1219	33,7324	0,80795	12,724	27,0636	0,60782	7,66162	20,163	0,61918	2,29593	12,7608	0,73864	0	0	1
6.03.2019	15,1373	33,7324	0,80688	12,7677	27,0636	0,60416	7,68135	20,163	0,61716	2,02225	12,7608	0,77975	0	0	1
7.03.2019	15,2152	33,7324	0,80145	12,8515	27,0636	0,59713	7,75904	20,163	0,60923	1,86366	12,7608	0,80463	0	0	1
8.03.2019	15,2464	33,7324	0,79925	12,8679	27,0636	0,59576	7,79585	20,163	0,60547	2,47929	12,7608	0,7111	0	0	1
9.03.2019	15,2931	33,7324	0,79581	12,2471	27,0636	0,64781	7,8492	20,163	0,60002	2,21675	12,7608	0,75053	0	0	1
10.03.2019	15,3292	33,7324	0,79315	11,7425	27,0636	0,69011	7,92311	20,163	0,59247	2,3001	12,7608	0,73801	0	0	1
11.03.2019	15,3727	33,7324	0,78996	12,6314	27,0636	0,61559	7,88574	20,163	0,59629	2,17644	12,7608	0,75659	0	0	1
12.03.2019	15,4181	33,7324	0,78662	11,9875	27,0636	0,66957	7,96854	20,163	0,58783	1,79621	12,7608	0,81777	0	0	1
13.03.2019	15,4957	33,7324	0,78092	12,3203	27,0636	0,64167	8,07889	20,163	0,57656	2,07533	12,7608	0,77177	0	0	1
14.03.2019	15,476	33,7324	0,78236	12,5388	27,0636	0,62335	8,02843	20,163	0,58171	1,89342	12,7608	0,7991	0	0	1
15.03.2019	15,5194	33,7324	0,77917	12,8965	27,0636	0,59336	8,06702	20,163	0,57777	1,97071	12,7608	0,78749	0	0	1
16.03.2019	15,825	33,7324	0,75671	12,7095	27,0636	0,60904	8,03166	20,163	0,58138	1,66321	12,7608	0,84323	0	0	1
17.03.2019	15,8669	33,7324	0,75363	12,7227	27,0636	0,60794	8,07841	20,163	0,57661	1,79625	12,7608	0,81776	0	0	1
18.03.2019	15,9252	33,7324	0,74934	13,1119	27,0636	0,5753	8,11137	20,163	0,57324	1,88331	12,7608	0,8008	0	0	1
19.03.2019	15,9736	33,7324	0,74579	13,2446	27,0636	0,56418	8,14589	20,163	0,56971	1,95807	12,7608	0,78939	0	0	1
20.03.2019	16,0198	33,7324	0,74239	13,811	27,0636	0,51669	8,19196	20,163	0,56501	2,15788	12,7608	0,75938	0	0	1
21.03.2019	16,0581	33,7324	0,73958	14,0204	27,0636	0,49914	8,21494	20,163	0,56266	2,5844	12,7608	0,69531	0	0	1
22.03.2019	16,1543	33,7324	0,7325	13,9384	27,0636	0,50601	8,23762	20,163	0,56034	2,25522	12,7608	0,74475	0	0	1
23.03.2019	16,2323	33,7324	0,72677	13,8627	27,0636	0,51236	8,25853	20,163	0,55821	2,20577	12,7608	0,75218	0	0	1
24.03.2019	16,2275	33,7324	0,72712	13,9949	27,0636	0,50128	8,27943	20,163	0,55607	1,55002	12,7608	0,86419	0	0	1
25.03.2019	16,2576	33,7324	0,72491	14,511	27,0636	0,45801	8,31026	20,163	0,55292	1,71973	12,7608	0,83249	0	0	1
26.03.2019	16,2391	33,7324	0,72627	14,4328	27,0636	0,46456	8,33939	20,163	0,54995	1,91725	12,7608	0,79552	0	0	1
27.03.2019	16,416	33,7324	0,71327	14,1556	27,0636	0,4878	8,36497	20,163	0,54734	1,80058	12,7608	0,81692	0	0	1
28.03.2019	16,4617	33,7324	0,70991	14,3166	27,0636	0,47431	8,38543	20,163	0,54525	1,76454	12,7608	0,82394	0	0	1
29.03.2019	16,4799	33,7324	0,70857	14,8517	27,0636	0,42945	8,3881	20,163	0,54497	1,93374	12,7608	0,79304	0	0	1
30.03.2019	16,5013	33,7324	0,707	15,0051	27,0636	0,41659	8,40563	20,163	0,54318	1,82478	12,7608	0,8122	0	0	1
31.03.2019	16,5399	33,7324	0,70416	14,9365	27,0636	0,42234	8,5084	20,163	0,53269	1,55994	12,7608	0,86237	0	0	1
1.04.2019	16,5478	33,7324	0,70358	15,0608	27,0636	0,41192	8,51948	20,163	0,53155	1,4969	12,7608	0,8739	0	0	1

2.04.2019	16,5567	33,7324	0,70293	15,1331	27,0636	0,40586	8,43494	20,163	0,54019	1,25699	12,7608	0,91455	0	0	1
3.04.2019	16,5987	33,7324	0,69984	14,7987	27,0636	0,43389	8,51083	20,163	0,53244	1,31804	12,7608	0,90468	0	0	1
4.04.2019	15,9743	33,7324	0,74574	14,5806	27,0636	0,45218	8,43185	20,163	0,5405	1,28731	12,7608	0,90967	0	0	1
5.04.2019	15,7694	33,7324	0,7608	14,5381	27,0636	0,45574	8,41516	20,163	0,54221	1,35697	12,7608	0,89816	0	0	1
6.04.2019	15,6861	33,7324	0,76692	13,4593	27,0636	0,54618	8,44144	20,163	0,53953	1,35875	12,7608	0,89785	0	0	1
7.04.2019	15,4474	33,7324	0,78447	13,541	27,0636	0,53933	8,45623	20,163	0,53801	1,34034	12,7608	0,90099	0	0	1
8.04.2019	15,3532	33,7324	0,79139	12,0012	27,0636	0,66842	8,47686	20,163	0,53591	1,23822	12,7608	0,91749	0	0	1
9.04.2019	15,4216	33,7324	0,78637	10,7841	27,0636	0,77045	8,47428	20,163	0,53617	1,40655	12,7608	0,88958	0	0	1
10.04.2019	15,3819	33,7324	0,78928	11,1313	27,0636	0,74135	8,52451	20,163	0,53104	1,26982	12,7608	0,91249	0	0	1
11.04.2019	15,7063	33,7324	0,76544	11,3958	27,0636	0,71917	8,48785	20,163	0,53478	1,16973	12,7608	0,92796	0	0	1
12.04.2019	16,0941	33,7324	0,73693	11,4168	27,0636	0,71742	8,49522	20,163	0,53403	1,28884	12,7608	0,90943	0	0	1
13.04.2019	16,1746	33,7324	0,73101	12,153	27,0636	0,6557	8,5465	20,163	0,52879	1,27973	12,7608	0,9109	0	0	1
14.04.2019	16,3283	33,7324	0,71971	12,3566	27,0636	0,63862	8,53377	20,163	0,53009	1,50514	12,7608	0,8724	0	0	1
15.04.2019	16,2835	33,7324	0,72301	12,0188	27,0636	0,66695	8,54818	20,163	0,52862	1,55335	12,7608	0,86358	0	0	1
16.04.2019	16,2388	33,7324	0,72629	11,8959	27,0636	0,67725	8,57548	20,163	0,52583	1,73743	12,7608	0,82912	0	0	1
17.04.2019	16,291	33,7324	0,72246	12,096	27,0636	0,66047	8,59448	20,163	0,52389	1,6086	12,7608	0,85347	0	0	1
18.04.2019	16,7827	33,7324	0,68631	12,7444	27,0636	0,60611	8,59291	20,163	0,52405	2,94984	12,7608	0,64043	0	0	1
19.04.2019	17,488	33,7324	0,63447	13,1244	27,0636	0,57426	8,58298	20,163	0,52507	4,53884	12,7608	0,40177	0	0	1
20.04.2019	17,5828	33,7324	0,6275	13,4028	27,0636	0,55092	8,60504	20,163	0,52281	4,86803	12,7608	0,35232	0	0	1
21.04.2019	17,5487	33,7324	0,63001	12,8242	27,0636	0,59943	8,62921	20,163	0,52035	4,00883	12,7608	0,48137	0	0	1
22.04.2019	17,6974	33,7324	0,61907	12,9385	27,0636	0,58984	8,6458	20,163	0,51865	3,09947	12,7608	0,61795	0	0	1
23.04.2019	17,6465	33,7324	0,62282	13,127	27,0636	0,57404	8,66501	20,163	0,51669	2,03544	12,7608	0,77776	0	0	1
24.04.2019	17,6612	33,7324	0,62174	13,1577	27,0636	0,57146	8,7155	20,163	0,51153	2,27294	12,7608	0,74209	0	0	1
25.04.2019	17,7129	33,7324	0,61794	13,1877	27,0636	0,56895	8,72696	20,163	0,51036	1,5875	12,7608	0,85733	0	0	1
26.04.2019	17,7235	33,7324	0,61716	13,2044	27,0636	0,56755	8,77101	20,163	0,50586	1,76639	12,7608	0,82358	0	0	1
27.04.2019	17,8422	33,7324	0,60843	13,2494	27,0636	0,56378	8,77309	20,163	0,50565	1,58428	12,7608	0,85792	0	0	1
28.04.2019	17,8028	33,7324	0,61133	13,2165	27,0636	0,56653	8,81295	20,163	0,50158	1,74722	12,7608	0,82726	0	0	1
29.04.2019	17,9021	33,7324	0,60403	13,245	27,0636	0,56414	8,79176	20,163	0,50374	1,41021	12,7608	0,88895	0	0	1
30.04.2019	17,9206	33,7324	0,60267	13,2936	27,0636	0,56007	8,8202	20,163	0,50084	1,54162	12,7608	0,86572	0	0	1
1.05.2019	18,0598	33,7324	0,59243	13,3187	27,0636	0,55796	8,84765	20,163	0,49803	1,52273	12,7608	0,86918	0	0	1
2.05.2019	17,9412	33,7324	0,60115	13,3662	27,0636	0,55398	8,89959	20,163	0,49273	2,03228	12,7608	0,77824	0	0	1
3.05.2019	18,0004	33,7324	0,5968	13,3929	27,0636	0,55175	8,91397	20,163	0,49126	2,10693	12,7608	0,76703	0	0	1
4.05.2019	18,0596	33,7324	0,59245	13,3076	27,0636	0,5589	8,91699	20,163	0,49095	1,78247	12,7608	0,82045	0	0	1
5.05.2019	18,0754	33,7324	0,59129	13,391	27,0636	0,55191	8,94306	20,163	0,48829	1,76654	12,7608	0,82355	0	0	1
6.05.2019	18,2558	33,7324	0,57803	13,1351	27,0636	0,57336	8,95962	20,163	0,4866	1,66652	12,7608	0,8426	0	0	1
7.05.2019	18,3312	33,7324	0,57248	13,1705	27,0636	0,57039	8,96897	20,163	0,48564	1,40583	12,7608	0,88971	0	0	1
8.05.2019	18,3171	33,7324	0,57352	13,0776	27,0636	0,57818	8,99244	20,163	0,48324	1,37556	12,7608	0,89494	0	0	1
9.05.2019	18,2708	33,7324	0,57692	13,0297	27,0636	0,58219	9,00849	20,163	0,48161	1,33256	12,7608	0,90227	0	0	1
10.05.2019	18,4148	33,7324	0,56634	13,1154	27,0636	0,57501	9,03634	20,163	0,47876	1,32286	12,7608	0,90388	0	0	1
11.05.2019	18,4975	33,7324	0,56026	13,0453	27,0636	0,58089	9,05074	20,163	0,47729	1,5099	12,7608	0,87153	0	0	1

12.05.2019	18,5098	33,7324	0,55936	13,083	27,0636	0,57773	9,07655	20,163	0,47465	1,40955	12,7608	0,88907	0	0	1
13.05.2019	18,8105	33,7324	0,53725	13,0535	27,0636	0,5802	9,08606	20,163	0,47368	2,03549	12,7608	0,77776	0	0	1
14.05.2019	18,7721	33,7324	0,54008	12,847	27,0636	0,59751	9,10896	20,163	0,47134	2,23712	12,7608	0,74747	0	0	1
15.05.2019	18,3166	33,7324	0,57356	12,5055	27,0636	0,62614	9,13083	20,163	0,46911	5,32872	12,7608	0,28313	0	0	1
16.05.2019	17,8255	33,7324	0,60966	12,2697	27,0636	0,64591	9,16177	20,163	0,46595	4,89202	12,7608	0,34872	0	0	1
17.05.2019	18,8856	33,7324	0,53173	12,7141	27,0636	0,60866	9,16968	20,163	0,46514	3,41378	12,7608	0,57074	0	0	1
18.05.2019	23,4904	33,7324	0,19585	13,3557	27,0636	0,55487	9,11356	20,163	0,47087	5,55208	12,7608	0,24958	0	0	1
19.05.2019	20,414	33,7324	0,41939	13,3971	27,0636	0,5514	9,15142	20,163	0,46701	7,10217	12,7608	0,12143	0	0	1
20.05.2019	21,5382	33,7324	0,33675	13,4029	27,0636	0,55091	9,17077	20,163	0,46503	6,44033	12,7608	0,15977	0	0	1
21.05.2019	28,6074	33,7324	0,04972	13,9088	27,0636	0,50849	9,16987	20,163	0,46512	7,79657	12,7608	0,09033	1	0	1
22.05.2019	27,4831	33,7324	0,06871	13,8759	27,0636	0,51125	9,20846	20,163	0,46118	6,40296	12,7608	0,16225	0	0	1
23.05.2019	27,389	33,7324	0,07053	13,5794	27,0636	0,53611	9,23747	20,163	0,45822	6,75283	12,7608	0,14057	0	0	1
24.05.2019	30,4954	33,7324	0,02828	13,8891	27,0636	0,51015	9,30726	20,163	0,45109	8,22804	12,7608	0,07508	1	0	1
25.05.2019	31,9354	33,7324	0,01809	14,1002	27,0636	0,49245	9,32263	20,163	0,44952	8,64522	12,7608	0,06274	1	0	1
26.05.2019	27,7652	33,7324	0,06345	13,9738	27,0636	0,50305	9,29673	20,163	0,45216	8,31837	12,7608	0,07225	0	0	1
27.05.2019	25,7485	33,7324	0,11106	14,0371	27,0636	0,49774	9,40972	20,163	0,44062	9,19853	12,7608	0,04929	0	0	1
28.05.2019	25,1091	33,7324	0,131	13,8241	27,0636	0,5156	9,34344	20,163	0,44739	8,21005	12,7608	0,07568	0	0	1
29.05.2019	25,3897	33,7324	0,12172	13,8828	27,0636	0,51068	9,37033	20,163	0,44465	8,53501	12,7608	0,06578	0	0	1
30.05.2019	24,3809	33,7324	0,15766	13,4444	27,0636	0,54743	9,3859	20,163	0,44306	6,10378	12,7608	0,18317	0	0	1
31.05.2019	23,785	33,7324	0,18253	13,7374	27,0636	0,52286	9,40747	20,163	0,44085	7,57711	12,7608	0,09915	0	0	1
1.06.2019	23,5709	33,7324	0,19221	13,5306	27,0636	0,54021	9,43992	20,163	0,43754	8,06722	12,7608	0,08047	0	0	1
2.06.2019	22,7363	33,7324	0,24867	13,6327	27,0636	0,53164	9,44932	20,163	0,43658	8,54664	12,7608	0,06544	0	0	1
3.06.2019	21,5426	33,7324	0,33642	13,2542	27,0636	0,56337	9,47209	20,163	0,43425	5,8075	12,7608	0,21122	0	0	1
4.06.2019	20,9762	33,7324	0,37806	13,0061	27,0636	0,58418	9,4938	20,163	0,43203	3,77289	12,7608	0,51681	0	0	1
5.06.2019	22,1638	33,7324	0,29076	13,1984	27,0636	0,56806	9,51543	20,163	0,42983	4,83194	12,7608	0,35774	0	0	1
6.06.2019	22,4171	33,7324	0,27214	13,1374	27,0636	0,57317	9,53704	20,163	0,42762	4,92227	12,7608	0,34418	0	0	1
7.06.2019	22,3985	33,7324	0,27351	13,4294	27,0636	0,54869	9,55799	20,163	0,42548	5,02564	12,7608	0,32865	0	0	1
8.06.2019	22,6825	33,7324	0,25263	13,468	27,0636	0,54545	9,57317	20,163	0,42393	5,14723	12,7608	0,31039	0	0	1
9.06.2019	23,0324	33,7324	0,22691	13,4544	27,0636	0,54659	9,59381	20,163	0,42182	3,62064	12,7608	0,53968	0	0	1
10.06.2019	23,2304	33,7324	0,21235	13,4122	27,0636	0,55013	9,62029	20,163	0,41912	4,78098	12,7608	0,3654	0	0	1
11.06.2019	23,2611	33,7324	0,2101	13,2756	27,0636	0,56158	9,61048	20,163	0,42012	4,46775	12,7608	0,41244	0	0	1
12.06.2019	23,3099	33,7324	0,20651	13,5866	27,0636	0,53551	9,63926	20,163	0,41718	6,61475	12,7608	0,14843	0	0	1
13.06.2019	22,9349	33,7324	0,23408	14,0356	27,0636	0,49786	9,63759	20,163	0,41735	6,00854	12,7608	0,1904	0	0	1
14.06.2019	23,0001	33,7324	0,22929	14,3982	27,0636	0,46747	9,71694	20,163	0,40924	3,67069	12,7608	0,53216	0	0	1
15.06.2019	22,476	33,7324	0,26781	14,8169	27,0636	0,43236	9,74458	20,163	0,40642	3,02948	12,7608	0,62846	0	0	1
16.06.2019	22,7649	33,7324	0,24657	14,8587	27,0636	0,42886	9,76601	20,163	0,40423	2,82813	12,7608	0,65871	0	0	1
17.06.2019	22,6112	33,7324	0,25788	14,8267	27,0636	0,43155	9,81361	20,163	0,39937	3,75936	12,7608	0,51884	0	0	1
18.06.2019	20,9027	33,7324	0,38346	14,9254	27,0636	0,42327	9,8496	20,163	0,39569	3,39432	12,7608	0,57367	0	0	1
19.06.2019	20,2997	33,7324	0,42778	15,2827	27,0636	0,39332	9,85887	20,163	0,39475	3,32333	12,7608	0,58433	0	0	1
20.06.2019	21,4505	33,7324	0,34319	15,301	27,0636	0,39178	9,88524	20,163	0,39205	5,06772	12,7608	0,32233	0	0	1

21.06.2019	19,9225	33,7324	0,45551	15,8142	27,0636	0,34876	9,89169	20,163	0,39139	6,14492	12,7608	0,18004	0	0	1
22.06.2019	19,59	33,7324	0,47995	15,7913	27,0636	0,35068	9,90582	20,163	0,38995	4,8211	12,7608	0,35937	0	0	1
23.06.2019	20,3339	33,7324	0,42527	15,1566	27,0636	0,40389	9,96623	20,163	0,38378	4,99384	12,7608	0,33343	0	0	1
24.06.2019	20,0496	33,7324	0,44617	14,9901	27,0636	0,41785	9,9773	20,163	0,38265	5,135	12,7608	0,31223	0	0	1
25.06.2019	20,7021	33,7324	0,3982	15,0222	27,0636	0,41516	9,99008	20,163	0,38134	4,17088	12,7608	0,45703	0	0	1
26.06.2019	22,5968	33,7324	0,25893	14,6898	27,0636	0,44302	10,0052	20,163	0,37979	4,95148	12,7608	0,33979	0	0	1
27.06.2019	22,3372	33,7324	0,27802	14,3332	27,0636	0,47292	10,0919	20,163	0,37095	3,90188	12,7608	0,49743	0	0	1
28.06.2019	22,3231	33,7324	0,27905	14,4941	27,0636	0,45943	10,095	20,163	0,37063	4,07975	12,7608	0,47072	0	0	1
29.06.2019	22,4052	33,7324	0,27302	14,691	27,0636	0,44292	10,1191	20,163	0,36816	4,71518	12,7608	0,37528	0	0	1
30.06.2019	22,4748	33,7324	0,2679	14,5887	27,0636	0,4515	10,1409	20,163	0,36594	3,05683	12,7608	0,62436	0	0	1
1.07.2019	22,9666	33,7324	0,23175	14,78	27,0636	0,43546	10,1641	20,163	0,36357	2,94572	12,7608	0,64104	0	0	1
2.07.2019	23,2224	33,7324	0,21294	14,7905	27,0636	0,43458	10,1849	20,163	0,36144	2,58559	12,7608	0,69513	0	0	1
3.07.2019	23,7928	33,7324	0,18218	14,7685	27,0636	0,43642	10,2072	20,163	0,35917	2,94979	12,7608	0,64043	0	0	1
4.07.2019	23,094	33,7324	0,22238	14,7622	27,0636	0,43695	10,2494	20,163	0,35486	3,09287	12,7608	0,61894	0	0	1
5.07.2019	23,2365	33,7324	0,21191	14,8349	27,0636	0,43086	10,2703	20,163	0,35272	2,92881	12,7608	0,64359	0	0	1
6.07.2019	22,1437	33,7324	0,29224	14,9522	27,0636	0,42102	10,2915	20,163	0,35056	2,62942	12,7608	0,68855	0	0	1
7.07.2019	23,9123	33,7324	0,17678	14,9442	27,0636	0,42169	10,3135	20,163	0,34831	3,12134	12,7608	0,61467	0	0	1
8.07.2019	22,2052	33,7324	0,28772	15,0165	27,0636	0,41563	10,3296	20,163	0,34667	3,00946	12,7608	0,63147	0	0	1
9.07.2019	22,3021	33,7324	0,28059	15,0302	27,0636	0,41449	10,3515	20,163	0,34443	2,72018	12,7608	0,67492	0	0	1
10.07.2019	22,8745	33,7324	0,23852	15,0716	27,0636	0,41101	10,4125	20,163	0,33819	2,38353	12,7608	0,72548	0	0	1
11.07.2019	23,7466	33,7324	0,18427	15,0979	27,0636	0,40881	10,4637	20,163	0,33297	2,15259	12,7608	0,76017	0	0	1
12.07.2019	22,8012	33,7324	0,24391	15,0765	27,0636	0,41061	10,5111	20,163	0,32813	2,48929	12,7608	0,7096	0	0	1
13.07.2019	22,2849	33,7324	0,28186	15,1048	27,0636	0,40823	10,5437	20,163	0,3248	2,37919	12,7608	0,72614	0	0	1
14.07.2019	23,5282	33,7324	0,19414	15,217	27,0636	0,39882	10,6103	20,163	0,318	2,12217	12,7608	0,76474	0	0	1
15.07.2019	23,8925	33,7324	0,17767	15,2132	27,0636	0,39914	10,5866	20,163	0,32041	2,04278	12,7608	0,77666	0	0	1
16.07.2019	24,1769	33,7324	0,1659	15,33	27,0636	0,38935	10,6283	20,163	0,31615	1,88839	12,7608	0,79985	0	0	1
17.07.2019	22,9516	33,7324	0,23285	15,2989	27,0636	0,39195	10,6734	20,163	0,31155	1,92967	12,7608	0,79365	0	0	1
18.07.2019	24,0135	33,7324	0,1725	15,4618	27,0636	0,3783	10,6631	20,163	0,3126	2,04602	12,7608	0,77618	0	0	1
19.07.2019	22,927	33,7324	0,23466	15,4307	27,0636	0,38091	10,6462	20,163	0,31433	2,01177	12,7608	0,78132	0	0	1
20.07.2019	23,0391	33,7324	0,22642	15,463	27,0636	0,3782	10,6681	20,163	0,31209	2,23551	12,7608	0,74772	0	0	1
21.07.2019	24,4546	33,7324	0,15467	15,5328	27,0636	0,37235	10,6879	20,163	0,31006	2,28072	12,7608	0,74093	0	0	1
22.07.2019	23,8684	33,7324	0,17876	15,5931	27,0636	0,36729	10,7358	20,163	0,30518	2,18734	12,7608	0,75495	0	0	1
23.07.2019	23,8037	33,7324	0,18169	15,6262	27,0636	0,36452	10,76	20,163	0,3027	2,03334	12,7608	0,77808	0	0	1
24.07.2019	24,0748	33,7324	0,17003	15,6594	27,0636	0,36173	10,7738	20,163	0,3013	2,00303	12,7608	0,78263	0	0	1
25.07.2019	24,071	33,7324	0,17018	15,6738	27,0636	0,36053	10,7942	20,163	0,29921	2,00107	12,7608	0,78293	0	0	1
26.07.2019	24,1147	33,7324	0,16841	15,7279	27,0636	0,35599	10,8018	20,163	0,29843	2,0051	12,7608	0,78232	0	0	1
27.07.2019	25,1664	33,7324	0,12898	15,7983	27,0636	0,35009	10,8319	20,163	0,29536	1,97701	12,7608	0,78654	0	0	1
28.07.2019	25,5957	33,7324	0,1156	15,8306	27,0636	0,34739	10,8459	20,163	0,29393	2,00124	12,7608	0,7829	0	0	1
29.07.2019	25,4364	33,7324	0,12034	15,6559	27,0636	0,36203	10,783	20,163	0,30036	1,93022	12,7608	0,79357	0	0	1
30.07.2019	25,2925	33,7324	0,12461	15,6529	27,0636	0,36228	10,8119	20,163	0,2974	1,92283	12,7608	0,79468	0	0	1

31.07.2019	25,1562	33,7324	0,12934	15,4916	27,0636	0,3758	10,7905	20,163	0,29959	1,92922	12,7608	0,79372	0	0	1
1.08.2019	24,4576	33,7324	0,15455	15,5101	27,0636	0,37425	10,8383	20,163	0,2947	1,94401	12,7608	0,7915	0	0	1
2.08.2019	24,8581	33,7324	0,13985	15,5324	27,0636	0,37239	10,837	20,163	0,29484	1,94256	12,7608	0,79172	0	0	1
3.08.2019	25,0011	33,7324	0,13481	15,4657	27,0636	0,37797	10,8182	20,163	0,29676	1,94486	12,7608	0,79137	0	0	1
4.08.2019	25,1686	33,7324	0,12891	15,3371	27,0636	0,38876	10,7931	20,163	0,29932	1,94909	12,7608	0,79074	0	0	1
5.08.2019	25,0825	33,7324	0,13194	15,3298	27,0636	0,38936	10,8233	20,163	0,29624	1,95089	12,7608	0,79046	0	0	1
6.08.2019	25,1605	33,7324	0,12919	15,4445	27,0636	0,37975	10,897	20,163	0,28871	1,95589	12,7608	0,78971	0	0	1
7.08.2019	24,465	33,7324	0,15425	15,2267	27,0636	0,39801	10,9577	20,163	0,28251	1,96228	12,7608	0,78875	0	0	1
8.08.2019	23,6819	33,7324	0,18719	15,1361	27,0636	0,4056	11,0441	20,163	0,27369	2,00893	12,7608	0,78175	0	0	1
9.08.2019	24,2253	33,7324	0,16394	15,1479	27,0636	0,40462	11,0419	20,163	0,27391	1,96181	12,7608	0,78882	0	0	1
10.08.2019	24,3495	33,7324	0,15892	15,3139	27,0636	0,3907	11,1538	20,163	0,26248	1,96602	12,7608	0,78819	0	0	1
11.08.2019	24,1536	33,7324	0,16684	15,2803	27,0636	0,39352	11,1019	20,163	0,26778	1,98142	12,7608	0,78588	0	0	1
12.08.2019	24,0791	33,7324	0,16985	15,2822	27,0636	0,39336	11,1177	20,163	0,26617	1,9846	12,7608	0,7854	0	0	1
13.08.2019	24,3276	33,7324	0,15981	15,3541	27,0636	0,38733	11,1459	20,163	0,26328	1,96779	12,7608	0,78793	0	0	1
14.08.2019	25,0829	33,7324	0,13193	15,5108	27,0636	0,3742	11,207	20,163	0,25704	1,95776	12,7608	0,78943	0	0	1
15.08.2019	24,9593	33,7324	0,13629	15,5112	27,0636	0,37416	11,2457	20,163	0,25309	1,96186	12,7608	0,78882	0	0	1
16.08.2019	25,04	33,7324	0,13344	15,5938	27,0636	0,36723	11,2607	20,163	0,25156	1,96525	12,7608	0,78831	0	0	1
17.08.2019	25,1271	33,7324	0,13037	15,5598	27,0636	0,37008	11,2318	20,163	0,25451	1,96888	12,7608	0,78776	0	0	1
18.08.2019	25,0654	33,7324	0,13255	15,5529	27,0636	0,37066	11,2699	20,163	0,25063	1,97389	12,7608	0,78701	0	0	1
19.08.2019	24,7485	33,7324	0,14372	15,5132	27,0636	0,37399	11,2872	20,163	0,24885	1,98009	12,7608	0,78608	0	0	1
20.08.2019	24,7747	33,7324	0,14279	15,5719	27,0636	0,36907	11,322	20,163	0,2453	1,98097	12,7608	0,78595	0	0	1
21.08.2019	25,1441	33,7324	0,12977	15,7052	27,0636	0,35789	11,3405	20,163	0,24341	1,98803	12,7608	0,78489	0	0	1
22.08.2019	25,0335	33,7324	0,13367	15,7241	27,0636	0,35631	11,3588	20,163	0,24154	1,99186	12,7608	0,78431	0	0	1
23.08.2019	25,1604	33,7324	0,12919	15,8212	27,0636	0,34817	11,3779	20,163	0,23959	1,99459	12,7608	0,7839	0	0	1
24.08.2019	25,3407	33,7324	0,12318	15,8369	27,0636	0,34685	11,3975	20,163	0,23759	2,00292	12,7608	0,78265	0	0	1
25.08.2019	25,4123	33,7324	0,12105	15,9582	27,0636	0,33669	11,4425	20,163	0,23299	2,00804	12,7608	0,78188	0	0	1
26.08.2019	25,5632	33,7324	0,11657	15,9662	27,0636	0,33602	11,4455	20,163	0,23269	2,0109	12,7608	0,78145	0	0	1
27.08.2019	25,6024	33,7324	0,11541	15,9823	27,0636	0,33466	11,4829	20,163	0,22887	2,01721	12,7608	0,7805	0	0	1
28.08.2019	25,5354	33,7324	0,11739	15,9522	27,0636	0,33719	11,5213	20,163	0,22494	2,05585	12,7608	0,7747	0	0	1
29.08.2019	25,8105	33,7324	0,10922	16,0946	27,0636	0,32525	11,5456	20,163	0,22247	2,09421	12,7608	0,76894	0	0	1
30.08.2019	25,6625	33,7324	0,11362	16,1787	27,0636	0,3182	11,5612	20,163	0,22086	2,09192	12,7608	0,76928	0	0	1
31.08.2019	26,0915	33,7324	0,10088	16,3193	27,0636	0,30641	11,5994	20,163	0,21696	2,10453	12,7608	0,76739	0	0	1
1.09.2019	26,1285	33,7324	0,0998	16,146	27,0636	0,32094	11,5599	20,163	0,221	2,10751	12,7608	0,76694	0	0	1
2.09.2019	25,8689	33,7324	0,10749	15,9776	27,0636	0,33506	11,5761	20,163	0,21934	2,10408	12,7608	0,76746	0	0	1
3.09.2019	26,1567	33,7324	0,09906	15,6655	27,0636	0,36122	11,5446	20,163	0,22256	2,1139	12,7608	0,76598	0	0	1
4.09.2019	26,4308	33,7324	0,09198	15,7114	27,0636	0,35737	11,6101	20,163	0,21588	2,12594	12,7608	0,76417	0	0	1
5.09.2019	26,0994	33,7324	0,10064	15,689	27,0636	0,35925	11,6591	20,163	0,21087	2,11005	12,7608	0,76656	0	0	1
6.09.2019	26,1606	33,7324	0,09896	15,6808	27,0636	0,35994	11,7364	20,163	0,20297	2,12473	12,7608	0,76435	0	0	1
7.09.2019	26,0303	33,7324	0,10269	15,9861	27,0636	0,33434	11,7105	20,163	0,20562	2,12317	12,7608	0,76459	0	0	1
8.09.2019	26,0551	33,7324	0,10196	15,9531	27,0636	0,33711	11,5816	20,163	0,21879	2,13074	12,7608	0,76345	0	0	1

9.09.2019	26,1408	33,7324	0,09948	15,7595	27,0636	0,35334	11,5967	20,163	0,21724	2,13992	12,7608	0,76207	0	0	1
10.09.2019	26,2278	33,7324	0,09719	15,748	27,0636	0,3543	11,6518	20,163	0,21161	2,15136	12,7608	0,76035	0	0	1
11.09.2019	26,7241	33,7324	0,08485	15,4552	27,0636	0,37886	11,6004	20,163	0,21687	2,17502	12,7608	0,7568	0	0	1
12.09.2019	26,8334	33,7324	0,08237	15,1424	27,0636	0,40508	11,5477	20,163	0,22225	2,18044	12,7608	0,75599	0	0	1
13.09.2019	26,8563	33,7324	0,08184	15,1326	27,0636	0,4059	11,5675	20,163	0,22022	2,18352	12,7608	0,75552	0	0	1
14.09.2019	26,8808	33,7324	0,08129	15,0759	27,0636	0,41065	11,6077	20,163	0,21612	2,17968	12,7608	0,7561	0	0	1
15.09.2019	27,0363	33,7324	0,07787	14,8317	27,0636	0,43112	11,6134	20,163	0,21553	2,20028	12,7608	0,75301	0	0	1
16.09.2019	27,1256	33,7324	0,07594	15,2234	27,0636	0,39829	11,7737	20,163	0,19952	2,19808	12,7608	0,75334	0	0	1
17.09.2019	27,0553	33,7324	0,07746	15,1918	27,0636	0,40094	11,7757	20,163	0,19941	2,18033	12,7608	0,756	0	0	1
18.09.2019	26,8917	33,7324	0,08104	15,2883	27,0636	0,39285	11,8116	20,163	0,19731	2,16244	12,7608	0,75869	0	0	1
19.09.2019	26,7426	33,7324	0,08443	15,3534	27,0636	0,38738	11,8451	20,163	0,19535	2,18628	12,7608	0,75511	0	0	1
20.09.2019	26,9858	33,7324	0,07895	15,5333	27,0636	0,3723	11,8771	20,163	0,19349	2,18969	12,7608	0,7546	0	0	1
21.09.2019	27,215	33,7324	0,07407	15,6422	27,0636	0,36318	11,8995	20,163	0,19218	2,194	12,7608	0,75395	0	0	1
22.09.2019	27,1333	33,7324	0,07578	15,59	27,0636	0,36755	11,9173	20,163	0,19114	2,20897	12,7608	0,7517	0	0	1
23.09.2019	27,4523	33,7324	0,06929	15,9403	27,0636	0,33819	11,9754	20,163	0,18775	2,21485	12,7608	0,75082	0	0	1
24.09.2019	27,5764	33,7324	0,06694	16,8005	27,0636	0,26607	12,1843	20,163	0,17556	2,22003	12,7608	0,75004	0	0	1
25.09.2019	27,7471	33,7324	0,06377	16,6745	27,0636	0,27664	12,1671	20,163	0,17657	2,20764	12,7608	0,7519	0	0	1
26.09.2019	27,817	33,7324	0,06253	16,824	27,0636	0,2641	12,2156	20,163	0,17388	2,1708	12,7608	0,75744	0	0	1
27.09.2019	27,8702	33,7324	0,06158	16,8257	27,0636	0,26396	12,2381	20,163	0,17272	2,18829	12,7608	0,75481	0	0	1
28.09.2019	27,9	33,7324	0,06104	16,786	27,0636	0,26729	12,2616	20,163	0,1715	2,18788	12,7608	0,75487	0	0	1
29.09.2019	27,9681	33,7324	0,05984	16,7605	27,0636	0,26942	12,2814	20,163	0,17048	2,16228	12,7608	0,75871	0	0	1
30.09.2019	27,9788	33,7324	0,05966	16,7781	27,0636	0,26795	12,3019	20,163	0,16942	2,19368	12,7608	0,754	0	0	1
1.10.2019	28,0219	33,7324	0,05895	16,6574	27,0636	0,27807	12,3106	20,163	0,16897	2,19096	12,7608	0,75441	0	0	1
2.10.2019	28,0774	33,7324	0,05803	16,7004	27,0636	0,27446	12,3357	20,163	0,16767	2,20322	12,7608	0,75257	0	0	1
3.10.2019	28,1322	33,7324	0,05712	16,7039	27,0636	0,27417	12,3548	20,163	0,16669	2,19688	12,7608	0,75352	0	0	1
4.10.2019	28,1894	33,7324	0,05617	16,7848	27,0636	0,26738	12,3797	20,163	0,1654	2,20505	12,7608	0,75229	0	0	1
5.10.2019	28,1582	33,7324	0,05669	16,8445	27,0636	0,26238	12,4065	20,163	0,16401	2,19943	12,7608	0,75314	0	0	1
6.10.2019	28,2215	33,7324	0,05563	16,8696	27,0636	0,26028	12,4346	20,163	0,16256	2,16134	12,7608	0,75886	0	0	1
7.10.2019	28,1739	33,7324	0,05642	16,7633	27,0636	0,26919	12,4476	20,163	0,16189	2,22021	12,7608	0,75001	0	0	1
8.10.2019	28,2204	33,7324	0,05565	16,6774	27,0636	0,27639	12,4614	20,163	0,16117	2,21453	12,7608	0,75087	0	0	1
9.10.2019	27,9419	33,7324	0,0603	16,5392	27,0636	0,28797	12,4828	20,163	0,16007	2,29871	12,7608	0,73822	0	0	1
10.10.2019	27,9527	33,7324	0,0601	16,419	27,0636	0,29806	12,5015	20,163	0,1591	2,29037	12,7608	0,73948	0	0	1
11.10.2019	28,2152	33,7324	0,05574	16,4617	27,0636	0,29447	12,521	20,163	0,1581	2,26499	12,7608	0,74329	0	0	1
12.10.2019	28,1881	33,7324	0,05619	16,533	27,0636	0,2885	12,5607	20,163	0,15604	2,29836	12,7608	0,73828	0	0	1
13.10.2019	27,8079	33,7324	0,06269	16,4061	27,0636	0,29914	12,5892	20,163	0,15457	2,32438	12,7608	0,73437	0	0	1
14.10.2019	27,8282	33,7324	0,06233	16,3959	27,0636	0,29999	12,605	20,163	0,15375	2,33295	12,7608	0,73308	0	0	1
15.10.2019	27,819	33,7324	0,06249	16,432	27,0636	0,29697	12,6346	20,163	0,15222	2,33818	12,7608	0,7323	0	0	1
16.10.2019	28,0146	33,7324	0,05907	16,6434	27,0636	0,27924	12,6658	20,163	0,15061	2,33228	12,7608	0,73318	0	0	1
17.10.2019	27,9259	33,7324	0,06058	16,5256	27,0636	0,28911	12,6807	20,163	0,14986	2,35323	12,7608	0,73004	0	0	1
18.10.2019	27,9961	33,7324	0,05938	16,5435	27,0636	0,28761	12,7066	20,163	0,14871	2,35126	12,7608	0,73033	0	0	1

19.10.2019	28,1522	33,7324	0,05678	16,5886	27,0636	0,28383	12,729	20,163	0,14771	2,35797	12,7608	0,72932	0	0	1
20.10.2019	28,3207	33,7324	0,05407	16,6402	27,0636	0,27951	12,7529	20,163	0,14664	2,381	12,7608	0,72586	0	0	1
21.10.2019	28,4487	33,7324	0,05212	16,6865	27,0636	0,27563	12,7713	20,163	0,14582	2,38851	12,7608	0,72474	0	0	1
22.10.2019	28,4976	33,7324	0,05137	16,6317	27,0636	0,28022	12,7935	20,163	0,14482	2,38535	12,7608	0,72521	0	0	1
23.10.2019	28,5176	33,7324	0,05107	16,6545	27,0636	0,27831	12,8248	20,163	0,14343	2,32727	12,7608	0,73393	0	0	1
24.10.2019	28,537	33,7324	0,05077	16,5541	27,0636	0,28673	12,8373	20,163	0,14287	2,34745	12,7608	0,7309	0	0	1
25.10.2019	28,5264	33,7324	0,05093	16,032	27,0636	0,3305	12,8121	20,163	0,14399	2,38578	12,7608	0,72515	0	0	1
26.10.2019	28,5868	33,7324	0,05001	15,9898	27,0636	0,33404	12,8192	20,163	0,14368	2,40688	12,7608	0,72198	0	0	1
27.10.2019	28,6003	33,7324	0,04982	15,7686	27,0636	0,35258	12,7941	20,163	0,1448	2,41386	12,7608	0,72093	1	0	1
28.10.2019	28,6347	33,7324	0,04934	15,2836	27,0636	0,39324	12,7358	20,163	0,1474	2,42177	12,7608	0,71974	1	0	1
29.10.2019	28,6079	33,7324	0,04972	15,1844	27,0636	0,40156	12,7574	20,163	0,14644	2,4269	12,7608	0,71897	1	0	1
30.10.2019	28,7206	33,7324	0,04815	15,1271	27,0636	0,40636	12,7303	20,163	0,14765	2,43763	12,7608	0,71736	1	0	1
31.10.2019	28,8103	33,7324	0,0469	15,2174	27,0636	0,39879	12,7502	20,163	0,14676	2,44036	12,7608	0,71695	1	0	1
1.11.2019	28,847	33,7324	0,04638	15,1339	27,0636	0,40579	12,7198	20,163	0,14812	2,44516	12,7608	0,71623	1	0	1
2.11.2019	28,8993	33,7324	0,04566	14,9399	27,0636	0,42206	12,6186	20,163	0,15305	2,44838	12,7608	0,71574	1	0	1
3.11.2019	28,949	33,7324	0,04497	15,0392	27,0636	0,41373	12,7194	20,163	0,14813	2,45087	12,7608	0,71537	1	0	1
4.11.2019	29,0021	33,7324	0,0443	15,1851	27,0636	0,4015	12,8176	20,163	0,14375	2,44314	12,7608	0,71653	1	0	1
5.11.2019	29,0499	33,7324	0,04369	15,3097	27,0636	0,39106	12,8642	20,163	0,14167	2,4433	12,7608	0,71651	1	0	1
6.11.2019	29,1031	33,7324	0,04302	15,5399	27,0636	0,37175	12,9692	20,163	0,13698	2,44397	12,7608	0,71641	1	0	1
7.11.2019	28,9272	33,7324	0,04527	15,7513	27,0636	0,35403	13,0045	20,163	0,1354	2,44282	12,7608	0,71658	1	0	1
8.11.2019	29,1475	33,7324	0,04247	15,85	27,0636	0,34576	13,0985	20,163	0,13121	2,44884	12,7608	0,71567	1	0	1
9.11.2019	18,5281	33,7324	0,55801	13,239	27,0636	0,56465	6,94445	20,163	0,69243	1,52516	12,7608	0,86874	0	0	1
10.11.2019	18,766	33,7324	0,54052	13,2797	27,0636	0,56124	7,54896	20,163	0,63068	1,52274	12,7608	0,86918	0	0	1
11.11.2019	242,076	33,7324	0,001	16,8344	27,0636	0,26322	13,2064	20,163	0,12639	2,22146	12,7608	0,74983	1	1	1
12.11.2019	242,469	33,7324	0,001	16,8501	27,0636	0,26191	13,2285	20,163	0,1254	2,24052	12,7608	0,74696	1	1	1
13.11.2019	242,869	33,7324	0,001	16,8263	27,0636	0,2639	13,2471	20,163	0,12464	2,25347	12,7608	0,74502	1	1	1
14.11.2019	243,27	33,7324	0,001	16,8819	27,0636	0,25925	13,2674	20,163	0,12388	2,25807	12,7608	0,74433	1	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
21.05.2018	40,7881	61,2654	0,45786	18,2781	41,192	0,82611	6,12168	25,0846	0,94464	1,60314	12,7608	0,85447	0	0
22.05.2018	42,6478	61,2654	0,37334	19,381	41,192	0,76384	6,92971	25,0846	0,90159	1,87153	12,7608	0,80309	0	0
23.05.2018	44,8361	61,2654	0,27388	21,5023	41,192	0,63931	8,67849	25,0846	0,76766	1,94236	12,7608	0,79175	0	0
24.05.2018	45,3645	61,2654	0,24986	21,6067	41,192	0,63318	8,61101	25,0846	0,77328	1,92518	12,7608	0,79433	0	0
25.05.2018	46,2182	61,2654	0,21106	22,3167	41,192	0,59149	8,95991	25,0846	0,74418	1,96069	12,7608	0,78899	0	0
26.05.2018	46,6619	61,2654	0,19401	22,3899	41,192	0,5872	8,77039	25,0846	0,75999	1,98952	12,7608	0,78466	0	0
27.05.2018	45,7182	61,2654	0,23379	22,5142	41,192	0,5799	8,63416	25,0846	0,77135	1,98598	12,7608	0,78519	0	0
28.05.2018	46,4829	61,2654	0,19936	23,3766	41,192	0,52927	9,5221	25,0846	0,69727	1,98952	12,7608	0,78466	0	0
29.05.2018	46,8135	61,2654	0,18947	23,2552	41,192	0,5364	9,06181	25,0846	0,73567	2,02936	12,7608	0,77868	0	0
30.05.2018	48,0704	61,2654	0,15427	23,4501	41,192	0,52496	9,24094	25,0846	0,72073	2,06995	12,7608	0,77258	0	0
31.05.2018	48,0608	61,2654	0,15452	23,1816	41,192	0,54072	8,85677	25,0846	0,75278	2,07078	12,7608	0,77246	0	0
1.06.2018	47,8184	61,2654	0,16102	22,9241	41,192	0,55584	8,63918	25,0846	0,77093	2,10069	12,7608	0,76796	0	0
2.06.2018	46,735	61,2654	0,19182	20,9465	41,192	0,67194	7,89832	25,0846	0,83237	2,12406	12,7608	0,76446	0	0
3.06.2018	46,8031	61,2654	0,18978	20,8947	41,192	0,67498	7,70927	25,0846	0,84728	2,17716	12,7608	0,75648	0	0
4.06.2018	47,4023	61,2654	0,17218	21,1311	41,192	0,6611	8,60331	25,0846	0,77393	2,16746	12,7608	0,75794	0	0
5.06.2018	44,2555	61,2654	0,30027	18,4453	41,192	0,81719	6,97282	25,0846	0,89886	2,1466	12,7608	0,76107	0	0
6.06.2018	41,3994	61,2654	0,43008	15,8379	41,192	0,92856	5,33017	25,0846	0,97319	1,89094	12,7608	0,79947	0	0
7.06.2018	42,984	61,2654	0,35806	16,6818	41,192	0,89899	5,85332	25,0846	0,95579	1,96155	12,7608	0,78886	0	0
8.06.2018	44,4616	61,2654	0,2909	17,2781	41,192	0,87428	6,51554	25,0846	0,92539	1,95263	12,7608	0,7902	0	0
9.06.2018	44,1466	61,2654	0,30522	16,6265	41,192	0,90117	6,05214	25,0846	0,94765	1,99126	12,7608	0,7844	0	0
10.06.2018	46,8794	61,2654	0,1875	19,8223	41,192	0,73794	8,94884	25,0846	0,7451	2,30747	12,7608	0,73691	0	0
11.06.2018	44,9135	61,2654	0,27036	18,7122	41,192	0,80284	7,91815	25,0846	0,8308	2,27129	12,7608	0,74234	0	0
12.06.2018	45,7935	61,2654	0,23037	18,8178	41,192	0,79691	8,05313	25,0846	0,81987	2,11115	12,7608	0,76639	0	0
13.06.2018	44,8319	61,2654	0,27407	19,4332	41,192	0,76078	8,49084	25,0846	0,78331	2,14206	12,7608	0,76175	0	0
14.06.2018	43,349	61,2654	0,34147	18,7979	41,192	0,79808	7,85156	25,0846	0,83606	2,16524	12,7608	0,75827	0	0
15.06.2018	44,0324	61,2654	0,31041	19,584	41,192	0,75192	8,4208	25,0846	0,78915	2,34643	12,7608	0,73106	0	0
16.06.2018	43,725	61,2654	0,32438	19,7271	41,192	0,74352	8,2626	25,0846	0,80236	2,51786	12,7608	0,70531	0	0
17.06.2018	43,6282	61,2654	0,32878	20,0841	41,192	0,72257	8,27096	25,0846	0,80166	2,84884	12,7608	0,6556	0	0
18.06.2018	42,796	61,2654	0,3666	19,5406	41,192	0,75447	7,53416	25,0846	0,86029	2,82357	12,7608	0,65939	0	0
19.06.2018	41,9404	61,2654	0,40549	19,1487	41,192	0,77748	7,0265	25,0846	0,8953	2,64647	12,7608	0,68599	0	0
20.06.2018	42,7942	61,2654	0,36668	19,507	41,192	0,75644	7,19111	25,0846	0,8844	2,59506	12,7608	0,69371	0	0
21.06.2018	43,9646	61,2654	0,31349	19,9327	41,192	0,73145	7,49005	25,0846	0,86351	3,12933	12,7608	0,61347	0	0
22.06.2018	44,928	61,2654	0,2697	20,9552	41,192	0,67143	8,65212	25,0846	0,76985	3,09683	12,7608	0,61835	0	0
23.06.2018	45,1689	61,2654	0,25875	21,0058	41,192	0,66845	8,50862	25,0846	0,78183	2,86611	12,7608	0,653	0	0
24.06.2018	44,1011	61,2654	0,30729	20,4193	41,192	0,70289	8,61945	25,0846	0,77258	2,59141	12,7608	0,69426	0	0
25.06.2018	44,4521	61,2654	0,29133	20,8431	41,192	0,67801	8,8143	25,0846	0,75632	2,72558	12,7608	0,67411	0	0

26.06.2018	44,6175	61,2654	0,28382	20,3613	41,192	0,70629	8,89222	25,0846	0,74982	2,5169	12,7608	0,70545	0	0
27.06.2018	44,8236	61,2654	0,27445	20,6668	41,192	0,68835	9,01522	25,0846	0,73956	2,52085	12,7608	0,70486	0	0
28.06.2018	45,4832	61,2654	0,24447	21,8494	41,192	0,61893	9,28014	25,0846	0,71746	2,56329	12,7608	0,69848	0	0
29.06.2018	44,5765	61,2654	0,28568	21,8689	41,192	0,61779	9,31699	25,0846	0,71438	2,74261	12,7608	0,67155	0	0
30.06.2018	43,9401	61,2654	0,3146	21,5305	41,192	0,63765	9,12174	25,0846	0,73067	2,65622	12,7608	0,68453	0	0
1.07.2018	43,3393	61,2654	0,34191	21,5677	41,192	0,63547	9,16038	25,0846	0,72745	2,62411	12,7608	0,68935	0	0
2.07.2018	44,4519	61,2654	0,29134	20,7829	41,192	0,68154	8,75953	25,0846	0,76089	2,5639	12,7608	0,69839	0	0
3.07.2018	45,4572	61,2654	0,24565	20,8858	41,192	0,6755	8,96443	25,0846	0,7438	2,55499	12,7608	0,69973	0	0
4.07.2018	45,9843	61,2654	0,2217	21,2363	41,192	0,65492	8,80104	25,0846	0,75743	2,26786	12,7608	0,74286	0	0
5.07.2018	44,98	61,2654	0,26734	19,898	41,192	0,73349	8,64168	25,0846	0,77073	2,32093	12,7608	0,73489	0	0
6.07.2018	44,1237	61,2654	0,30626	19,2522	41,192	0,7714	8,79516	25,0846	0,75792	2,34922	12,7608	0,73064	0	0
7.07.2018	44,796	61,2654	0,2757	19,8308	41,192	0,73744	8,8685	25,0846	0,7518	2,40751	12,7608	0,72188	0	0
8.07.2018	44,242	61,2654	0,30088	19,1341	41,192	0,77833	8,84991	25,0846	0,75335	2,44748	12,7608	0,71588	0	0
9.07.2018	42,5715	61,2654	0,37681	17,6995	41,192	0,85481	8,78231	25,0846	0,75899	2,43222	12,7608	0,71817	0	0
10.07.2018	38,9861	61,2654	0,53976	15,5195	41,192	0,93805	8,39343	25,0846	0,79144	2,26905	12,7608	0,74268	0	0
11.07.2018	36,2562	61,2654	0,66384	13,7732	41,192	0,97543	6,81323	25,0846	0,90866	2,09146	12,7608	0,76935	0	0
12.07.2018	35,9921	61,2654	0,67584	13,5997	41,192	0,97785	6,62868	25,0846	0,91925	1,74817	12,7608	0,82708	0	0
13.07.2018	36,2663	61,2654	0,66338	13,5635	41,192	0,97836	6,558	25,0846	0,92311	1,85173	12,7608	0,80695	0	0
14.07.2018	36,534	61,2654	0,65122	13,672	41,192	0,97684	6,57133	25,0846	0,92238	1,85898	12,7608	0,80554	0	0
15.07.2018	38,7472	61,2654	0,55062	15,5234	41,192	0,93794	8,18704	25,0846	0,80867	2,14875	12,7608	0,76075	0	0
16.07.2018	38,7781	61,2654	0,54922	15,3551	41,192	0,94261	7,84049	25,0846	0,83693	2,2412	12,7608	0,74686	0	0
17.07.2018	39,5368	61,2654	0,51473	15,881	41,192	0,9272	8,03405	25,0846	0,82146	2,20489	12,7608	0,75231	0	0
18.07.2018	40,1168	61,2654	0,48837	16,0847	41,192	0,9206	8,23414	25,0846	0,80474	1,97776	12,7608	0,78643	0	0
19.07.2018	40,2643	61,2654	0,48167	15,9878	41,192	0,92379	8,12826	25,0846	0,81359	2,11299	12,7608	0,76612	0	0
20.07.2018	40,0814	61,2654	0,48998	15,7403	41,192	0,93155	8,25751	25,0846	0,80278	2,00158	12,7608	0,78285	0	0
21.07.2018	40,3342	61,2654	0,47849	15,8524	41,192	0,9281	8,22664	25,0846	0,80536	1,97058	12,7608	0,78751	0	0
22.07.2018	40,3778	61,2654	0,47651	15,8739	41,192	0,92742	8,26651	25,0846	0,80203	1,9853	12,7608	0,7853	0	0
23.07.2018	40,7607	61,2654	0,45911	15,9917	41,192	0,92366	8,51472	25,0846	0,78132	2,07168	12,7608	0,77232	0	0
24.07.2018	40,9426	61,2654	0,45084	16,088	41,192	0,92049	8,47521	25,0846	0,78461	2,06513	12,7608	0,77331	0	0
25.07.2018	41,6881	61,2654	0,41696	16,4894	41,192	0,90634	8,76953	25,0846	0,76006	2,31915	12,7608	0,73515	0	0
26.07.2018	42,3668	61,2654	0,38611	16,9654	41,192	0,88727	9,11048	25,0846	0,73161	2,52126	12,7608	0,7048	0	0
27.07.2018	42,8515	61,2654	0,36408	17,2312	41,192	0,87629	9,22348	25,0846	0,72219	2,68183	12,7608	0,68068	0	0
28.07.2018	43,4527	61,2654	0,33676	17,5041	41,192	0,86384	9,42907	25,0846	0,70503	2,85686	12,7608	0,65439	0	0
29.07.2018	43,5315	61,2654	0,33317	17,4502	41,192	0,86633	9,24659	25,0846	0,72026	2,70704	12,7608	0,67689	0	0
30.07.2018	43,8284	61,2654	0,31968	17,8308	41,192	0,84863	9,32681	25,0846	0,71357	2,65891	12,7608	0,68412	0	0
31.07.2018	44,3384	61,2654	0,2965	18,3947	41,192	0,81991	9,82342	25,0846	0,67213	2,93834	12,7608	0,64215	0	0
1.08.2018	44,0645	61,2654	0,30895	18,1507	41,192	0,83252	9,54912	25,0846	0,69502	2,91729	12,7608	0,64532	0	0
2.08.2018	44,8438	61,2654	0,27353	18,6886	41,192	0,80411	10,0206	25,0846	0,65569	3,07494	12,7608	0,62164	0	0
3.08.2018	44,7968	61,2654	0,27567	18,651	41,192	0,80613	9,91931	25,0846	0,66413	3,03936	12,7608	0,62698	0	0
4.08.2018	45,7284	61,2654	0,23332	18,8703	41,192	0,79382	10,0558	25,0846	0,65275	3,07188	12,7608	0,6221	0	0

5.08.2018	45,9492	61,2654	0,22329	18,9522	41,192	0,78901	10,062	25,0846	0,65223	3,04147	12,7608	0,62666	0	0
6.08.2018	46,1762	61,2654	0,21297	19,1088	41,192	0,77982	10,1526	25,0846	0,64467	3,07534	12,7608	0,62158	0	0
7.08.2018	46,1088	61,2654	0,21603	19,1514	41,192	0,77732	10,2112	25,0846	0,63978	3,07641	12,7608	0,62142	0	0
8.08.2018	46,2359	61,2654	0,21026	18,9288	41,192	0,79039	10,173	25,0846	0,64297	3,04652	12,7608	0,62591	0	0
9.08.2018	46,6193	61,2654	0,19528	19,2802	41,192	0,76976	10,3323	25,0846	0,62968	3,09875	12,7608	0,61806	0	0
10.08.2018	46,4319	61,2654	0,20135	18,9065	41,192	0,7917	10,3357	25,0846	0,62939	3,04896	12,7608	0,62554	0	0
11.08.2018	46,4799	61,2654	0,19945	18,7836	41,192	0,79892	10,3712	25,0846	0,62643	3,01082	12,7608	0,63127	0	0
12.08.2018	46,676	61,2654	0,19358	18,8637	41,192	0,79421	10,4216	25,0846	0,62223	3,03312	12,7608	0,62792	0	0
13.08.2018	46,3665	61,2654	0,20432	18,099	41,192	0,83513	10,2211	25,0846	0,63895	2,86407	12,7608	0,65331	0	0
14.08.2018	45,8953	61,2654	0,22574	17,5249	41,192	0,86288	9,91557	25,0846	0,66444	2,81847	12,7608	0,66016	0	0
15.08.2018	45,9334	61,2654	0,22401	17,3496	41,192	0,87098	9,55986	25,0846	0,69412	2,83863	12,7608	0,65713	0	0
16.08.2018	46,6114	61,2654	0,19552	17,8106	41,192	0,84965	9,58716	25,0846	0,69184	2,8828	12,7608	0,6505	0	0
17.08.2018	48,4757	61,2654	0,14418	19,4096	41,192	0,76216	10,536	25,0846	0,61268	2,94914	12,7608	0,64053	0	0
18.08.2018	47,029	61,2654	0,18302	20,1916	41,192	0,71625	10,6972	25,0846	0,59923	2,94781	12,7608	0,64073	0	0
19.08.2018	48,386	61,2654	0,1463	19,7619	41,192	0,74148	10,7112	25,0846	0,59806	2,97127	12,7608	0,63721	0	0
20.08.2018	44,0252	61,2654	0,31073	19,4498	41,192	0,75981	10,7654	25,0846	0,59355	2,9944	12,7608	0,63373	0	0
21.08.2018	44,9312	61,2654	0,26956	19,3486	41,192	0,76574	10,4921	25,0846	0,61634	3,01256	12,7608	0,63101	0	0
22.08.2018	45,5136	61,2654	0,24309	19,2029	41,192	0,7743	10,3862	25,0846	0,62518	3,03501	12,7608	0,62764	0	0
23.08.2018	45,2396	61,2654	0,25554	19,4805	41,192	0,758	10,5375	25,0846	0,61255	3,05169	12,7608	0,62513	0	0
24.08.2018	45,7621	61,2654	0,23179	20,2503	41,192	0,71281	10,2077	25,0846	0,64007	3,07887	12,7608	0,62105	0	0
25.08.2018	46,9961	61,2654	0,184	20,4666	41,192	0,70011	10,2949	25,0846	0,6328	3,10176	12,7608	0,61761	0	0
26.08.2018	46,9928	61,2654	0,1841	20,3369	41,192	0,70772	10,1868	25,0846	0,64182	3,09771	12,7608	0,61822	0	0
27.08.2018	46,6688	61,2654	0,1938	20,7007	41,192	0,68636	10,2644	25,0846	0,63534	3,01822	12,7608	0,63016	0	0
28.08.2018	47,0431	61,2654	0,1826	21,1569	41,192	0,65958	10,6789	25,0846	0,60076	3,04156	12,7608	0,62665	0	0
29.08.2018	46,4993	61,2654	0,19887	20,8585	41,192	0,6771	10,4308	25,0846	0,62146	3,05798	12,7608	0,62418	0	0
30.08.2018	46,7741	61,2654	0,19065	20,8088	41,192	0,68002	10,3872	25,0846	0,62509	3,13262	12,7608	0,61297	0	0
31.08.2018	47,3023	61,2654	0,17486	20,8732	41,192	0,67624	10,2165	25,0846	0,63934	3,15255	12,7608	0,60998	0	0
1.09.2018	47,8652	61,2654	0,15977	21,1075	41,192	0,66249	10,2413	25,0846	0,63727	3,12484	12,7608	0,61414	0	0
2.09.2018	48,1497	61,2654	0,15214	21,1847	41,192	0,65795	10,4266	25,0846	0,62181	3,13448	12,7608	0,61269	0	0
3.09.2018	48,3311	61,2654	0,1476	21,2056	41,192	0,65672	10,4384	25,0846	0,62082	3,14475	12,7608	0,61115	0	0
4.09.2018	48,6416	61,2654	0,14026	21,3114	41,192	0,65051	10,4443	25,0846	0,62033	3,16925	12,7608	0,60747	0	0
5.09.2018	48,3575	61,2654	0,14698	20,8772	41,192	0,67601	10,3788	25,0846	0,6258	3,24757	12,7608	0,59571	0	0
6.09.2018	48,2751	61,2654	0,14892	20,7672	41,192	0,68246	10,1723	25,0846	0,64303	3,26797	12,7608	0,59264	0	0
7.09.2018	48,1139	61,2654	0,1531	20,772	41,192	0,68218	10,1384	25,0846	0,64585	3,30679	12,7608	0,58681	0	0
8.09.2018	47,3325	61,2654	0,17405	20,4208	41,192	0,7028	10,1341	25,0846	0,64621	3,33576	12,7608	0,58246	0	0
9.09.2018	47,3182	61,2654	0,17443	20,4189	41,192	0,70291	10,1013	25,0846	0,64895	3,36208	12,7608	0,57851	0	0
10.09.2018	46,9448	61,2654	0,18554	20,258	41,192	0,71236	9,97874	25,0846	0,65917	3,3718	12,7608	0,57705	0	0
11.09.2018	46,5321	61,2654	0,19789	20,1968	41,192	0,71595	9,85563	25,0846	0,66945	3,40177	12,7608	0,57255	0	0
12.09.2018	46,1992	61,2654	0,21193	20,208	41,192	0,71529	9,88575	25,0846	0,66693	3,43175	12,7608	0,56805	0	0
13.09.2018	47,1194	61,2654	0,18032	20,5667	41,192	0,69423	10,0626	25,0846	0,65218	3,42388	12,7608	0,56923	0	0

14.09.2018	47,2791	61,2654	0,17554	20,6611	41,192	0,68869	9,90754	25,0846	0,66511	3,41688	12,7608	0,57028	0	0
15.09.2018	47,8284	61,2654	0,16076	20,9306	41,192	0,67287	10,1764	25,0846	0,64269	3,42894	12,7608	0,56847	0	0
16.09.2018	47,8368	61,2654	0,16053	20,903	41,192	0,67449	10,147	25,0846	0,64514	3,46771	12,7608	0,56264	0	0
17.09.2018	47,3749	61,2654	0,17291	20,7237	41,192	0,68502	9,98434	25,0846	0,65871	3,53614	12,7608	0,55237	0	0
18.09.2018	47,6635	61,2654	0,16517	20,887	41,192	0,67543	10,0216	25,0846	0,6556	3,54428	12,7608	0,55114	0	0
19.09.2018	47,5631	61,2654	0,16787	20,954	41,192	0,6715	10,1399	25,0846	0,64573	3,55898	12,7608	0,54894	0	0
20.09.2018	47,6728	61,2654	0,16492	21,1533	41,192	0,6598	10,1083	25,0846	0,64836	3,54156	12,7608	0,55155	0	0
21.09.2018	48,5682	61,2654	0,142	21,5857	41,192	0,63441	10,3582	25,0846	0,62751	3,5459	12,7608	0,5509	0	0
22.09.2018	48,9333	61,2654	0,13337	21,6029	41,192	0,6334	10,3694	25,0846	0,62658	3,56682	12,7608	0,54776	0	0
23.09.2018	48,9998	61,2654	0,1318	21,6716	41,192	0,62937	10,3949	25,0846	0,62445	3,59074	12,7608	0,54417	0	0
24.09.2018	48,8576	61,2654	0,13516	21,616	41,192	0,63263	10,4016	25,0846	0,62389	3,61373	12,7608	0,54071	0	0
25.09.2018	48,162	61,2654	0,15181	21,4563	41,192	0,64201	10,2991	25,0846	0,63245	3,64845	12,7608	0,5355	0	0
26.09.2018	48,2579	61,2654	0,14933	21,584	41,192	0,63451	10,4008	25,0846	0,62396	3,66967	12,7608	0,53231	0	0
27.09.2018	47,8726	61,2654	0,15957	21,8235	41,192	0,62045	10,6193	25,0846	0,60574	3,68646	12,7608	0,52979	0	0
28.09.2018	47,9526	61,2654	0,15743	21,8617	41,192	0,61821	10,5735	25,0846	0,60956	3,70136	12,7608	0,52755	0	0
29.09.2018	48,179	61,2654	0,15136	22,0439	41,192	0,60751	10,6917	25,0846	0,59969	3,72507	12,7608	0,52399	0	0
30.09.2018	48,9786	61,2654	0,1323	22,1946	41,192	0,59866	10,8338	25,0846	0,58784	3,74312	12,7608	0,52128	0	0
1.10.2018	48,7606	61,2654	0,13745	22,1196	41,192	0,60306	10,771	25,0846	0,59307	3,76478	12,7608	0,51803	0	0
2.10.2018	48,7967	61,2654	0,1366	22,249	41,192	0,59547	10,6825	25,0846	0,60046	3,76178	12,7608	0,51848	0	0
3.10.2018	50,3971	61,2654	0,10258	22,7454	41,192	0,56633	10,9123	25,0846	0,58128	3,80318	12,7608	0,51226	0	0
4.10.2018	50,5953	61,2654	0,09873	22,7998	41,192	0,56313	10,9428	25,0846	0,57874	3,82411	12,7608	0,50911	0	0
5.10.2018	49,768	61,2654	0,11529	22,9678	41,192	0,55327	11,0181	25,0846	0,57246	3,82917	12,7608	0,50835	0	0
6.10.2018	49,6481	61,2654	0,11771	23,115	41,192	0,54463	11,1024	25,0846	0,56543	3,88074	12,7608	0,50061	0	0
7.10.2018	50,2794	61,2654	0,10496	23,0742	41,192	0,54702	10,9908	25,0846	0,57474	3,85741	12,7608	0,50411	0	0
8.10.2018	50,2013	61,2654	0,10654	23,1199	41,192	0,54434	10,9751	25,0846	0,57605	3,8653	12,7608	0,50293	0	0
9.10.2018	49,6023	61,2654	0,11864	23,24	41,192	0,53729	11,0388	25,0846	0,57074	3,90598	12,7608	0,49682	0	0
10.10.2018	49,9762	61,2654	0,11109	23,3563	41,192	0,53046	11,0799	25,0846	0,56731	3,93905	12,7608	0,49185	0	0
11.10.2018	50,4873	61,2654	0,10076	23,2817	41,192	0,53484	10,9454	25,0846	0,57852	4,07335	12,7608	0,47168	0	0
12.10.2018	50,4608	61,2654	0,10129	23,417	41,192	0,5269	11,0097	25,0846	0,57316	4,08048	12,7608	0,47061	0	0
13.10.2018	50,5735	61,2654	0,09912	23,4738	41,192	0,52357	11,0295	25,0846	0,57151	4,09801	12,7608	0,46798	0	0
14.10.2018	50,5642	61,2654	0,09929	23,5507	41,192	0,51905	11,0532	25,0846	0,56953	4,12261	12,7608	0,46428	0	0
15.10.2018	50,9993	61,2654	0,0916	23,7746	41,192	0,50591	11,2081	25,0846	0,55661	4,0795	12,7608	0,47076	0	0
16.10.2018	51,1619	61,2654	0,08885	23,8475	41,192	0,50163	11,269	25,0846	0,55153	4,12519	12,7608	0,4639	0	0
17.10.2018	51,5061	61,2654	0,08326	23,8794	41,192	0,49975	11,2668	25,0846	0,55171	4,13689	12,7608	0,46214	0	0
18.10.2018	51,577	61,2654	0,08214	23,898	41,192	0,49866	11,2165	25,0846	0,55591	4,16686	12,7608	0,45764	0	0
19.10.2018	51,7923	61,2654	0,07883	24,007	41,192	0,49226	11,2543	25,0846	0,55276	4,18379	12,7608	0,45509	0	0
20.10.2018	52,0623	61,2654	0,07481	24,1132	41,192	0,48603	11,337	25,0846	0,54585	4,20476	12,7608	0,45194	0	0
21.10.2018	52,2953	61,2654	0,07153	24,1068	41,192	0,4864	11,3161	25,0846	0,5476	4,21714	12,7608	0,45008	0	0
22.10.2018	52,5164	61,2654	0,0685	24,2004	41,192	0,48091	11,3371	25,0846	0,54585	4,2339	12,7608	0,44757	0	0
23.10.2018	52,7255	61,2654	0,06571	24,2701	41,192	0,47681	11,3571	25,0846	0,54418	4,24634	12,7608	0,4457	0	0

24.10.2018	53,012	61,2654	0,06211	24,4568	41,192	0,46585	11,4422	25,0846	0,53708	4,28185	12,7608	0,44037	0	0
25.10.2018	53,2567	61,2654	0,05913	24,523	41,192	0,46197	11,4803	25,0846	0,5339	4,30355	12,7608	0,43711	0	0
26.10.2018	53,4739	61,2654	0,0566	24,595	41,192	0,45774	11,5137	25,0846	0,53111	4,31654	12,7608	0,43515	0	0
27.10.2018	53,6627	61,2654	0,05445	24,6655	41,192	0,45361	11,5689	25,0846	0,52651	4,33785	12,7608	0,43195	0	0
28.10.2018	53,8295	61,2654	0,05266	24,7272	41,192	0,44998	11,5926	25,0846	0,52453	4,35594	12,7608	0,42924	0	0
29.10.2018	53,7651	61,2654	0,05336	24,6408	41,192	0,45505	11,5121	25,0846	0,53125	4,37809	12,7608	0,42591	0	0
30.10.2018	53,8118	61,2654	0,05285	24,7246	41,192	0,45013	11,5772	25,0846	0,52582	4,39949	12,7608	0,4227	0	0
31.10.2018	53,7746	61,2654	0,05325	24,7639	41,192	0,44783	11,5998	25,0846	0,52393	4,41125	12,7608	0,42093	0	0
1.11.2018	53,7735	61,2654	0,05327	24,8241	41,192	0,44429	11,636	25,0846	0,52091	4,42118	12,7608	0,41944	0	0
2.11.2018	53,9201	61,2654	0,05169	24,8508	41,192	0,44272	11,695	25,0846	0,51599	4,43324	12,7608	0,41763	0	0
3.11.2018	53,8306	61,2654	0,05265	24,9163	41,192	0,43888	11,7411	25,0846	0,51214	4,45921	12,7608	0,41373	0	0
4.11.2018	54,0436	61,2654	0,05037	25,1032	41,192	0,42791	11,7941	25,0846	0,50772	4,46981	12,7608	0,41213	0	0
5.11.2018	54,2971	61,2654	0,04784	25,2093	41,192	0,42168	11,8504	25,0846	0,50302	4,4943	12,7608	0,40846	1	0
6.11.2018	54,4781	61,2654	0,04606	25,3215	41,192	0,41509	11,9133	25,0846	0,49777	4,50926	12,7608	0,40621	1	0
7.11.2018	54,9177	61,2654	0,04205	25,4684	41,192	0,40647	11,9416	25,0846	0,49541	4,53069	12,7608	0,40299	1	0
8.11.2018	55,6797	61,2654	0,03576	25,7218	41,192	0,39159	12,0726	25,0846	0,48448	4,57169	12,7608	0,39683	1	0
9.11.2018	55,7823	61,2654	0,03495	25,8849	41,192	0,38202	12,195	25,0846	0,47427	4,60382	12,7608	0,39201	1	0
10.11.2018	55,5808	61,2654	0,03655	25,9977	41,192	0,37539	12,2383	25,0846	0,47066	4,62631	12,7608	0,38863	1	0
11.11.2018	55,5841	61,2654	0,03652	26,0701	41,192	0,37115	12,2496	25,0846	0,46971	4,64717	12,7608	0,3855	1	0
12.11.2018	56,0608	61,2654	0,03299	26,0839	41,192	0,37034	12,2477	25,0846	0,46987	4,66689	12,7608	0,38253	1	0
13.11.2018	55,868	61,2654	0,03435	26,1668	41,192	0,36547	12,2877	25,0846	0,46654	4,68783	12,7608	0,37939	1	0
14.11.2018	56,1052	61,2654	0,03268	25,7613	41,192	0,38927	12,1063	25,0846	0,48167	4,68081	12,7608	0,38044	1	0
15.11.2018	56,2952	61,2654	0,03135	25,7919	41,192	0,38748	12,0715	25,0846	0,48458	4,67746	12,7608	0,38095	1	0
16.11.2018	56,2112	61,2654	0,03194	25,6646	41,192	0,39495	12,1085	25,0846	0,48148	4,66604	12,7608	0,38266	1	0
17.11.2018	56,3737	61,2654	0,0308	25,6014	41,192	0,39866	12,0439	25,0846	0,48687	4,65359	12,7608	0,38453	1	0
18.11.2018	56,7795	61,2654	0,02824	25,8722	41,192	0,38276	12,1363	25,0846	0,47917	4,71198	12,7608	0,37576	1	0
19.11.2018	56,0179	61,2654	0,0333	24,8537	41,192	0,44256	11,6647	25,0846	0,51851	4,47014	12,7608	0,41208	1	0
20.11.2018	55,3785	61,2654	0,03816	24,1717	41,192	0,48259	11,1958	25,0846	0,55764	4,23301	12,7608	0,4477	1	0
21.11.2018	55,9934	61,2654	0,03347	24,6707	41,192	0,4533	11,4032	25,0846	0,54033	4,38551	12,7608	0,4248	1	0
22.11.2018	56,0507	61,2654	0,03307	24,4197	41,192	0,46804	11,277	25,0846	0,55086	4,23785	12,7608	0,44697	1	0
23.11.2018	56,1367	61,2654	0,03246	24,2843	41,192	0,47599	11,2179	25,0846	0,55579	4,15895	12,7608	0,45882	1	0
24.11.2018	55,6654	61,2654	0,03587	23,7603	41,192	0,50674	10,9546	25,0846	0,57775	3,99753	12,7608	0,48307	1	0
25.11.2018	55,7606	61,2654	0,03511	23,7288	41,192	0,50859	11,026	25,0846	0,5718	4,01931	12,7608	0,4798	1	0
26.11.2018	55,2267	61,2654	0,03938	23,2738	41,192	0,5353	10,7852	25,0846	0,59189	3,95359	12,7608	0,48967	1	0
27.11.2018	55,2081	61,2654	0,03953	23,2515	41,192	0,53662	10,7934	25,0846	0,5912	3,96924	12,7608	0,48732	1	0
28.11.2018	55,525	61,2654	0,03699	23,6874	41,192	0,51103	11,0419	25,0846	0,57048	4,08351	12,7608	0,47016	1	0
29.11.2018	56,4489	61,2654	0,03028	23,9438	41,192	0,49597	11,1985	25,0846	0,55741	4,13659	12,7608	0,46218	1	0
30.11.2018	56,2055	61,2654	0,03198	23,8337	41,192	0,50244	11,0188	25,0846	0,5724	3,99627	12,7608	0,48326	1	0
1.12.2018	56,2945	61,2654	0,03136	23,8132	41,192	0,50364	11,1142	25,0846	0,56444	4,09356	12,7608	0,46865	1	0
2.12.2018	56,2854	61,2654	0,03142	23,7786	41,192	0,50567	11,0721	25,0846	0,56796	4,08216	12,7608	0,47036	1	0

3.12.2018	56,2347	61,2654	0,03178	23,669	41,192	0,5121	11,0019	25,0846	0,57381	4,05834	12,7608	0,47394	1	0
4.12.2018	56,674	61,2654	0,02888	24,0263	41,192	0,49113	11,0812	25,0846	0,5672	4,30842	12,7608	0,43637	1	0
5.12.2018	56,5044	61,2654	0,0299	23,998	41,192	0,49279	10,9968	25,0846	0,57424	4,40503	12,7608	0,42186	1	0
6.12.2018	55,9125	61,2654	0,03403	23,3598	41,192	0,53026	10,8607	25,0846	0,58559	4,13017	12,7608	0,46315	1	0
7.12.2018	55,7639	61,2654	0,03509	23,1729	41,192	0,54123	10,787	25,0846	0,59174	3,99364	12,7608	0,48365	1	0
8.12.2018	55,8728	61,2654	0,03431	23,309	41,192	0,53324	10,791	25,0846	0,59141	4,04303	12,7608	0,47623	1	0
9.12.2018	56,0651	61,2654	0,03296	23,4232	41,192	0,52653	10,8807	25,0846	0,58392	4,09766	12,7608	0,46803	1	0
10.12.2018	56,1883	61,2654	0,0321	23,3049	41,192	0,53348	10,8362	25,0846	0,58764	4,07318	12,7608	0,47171	1	0
11.12.2018	56,5715	61,2654	0,0295	23,4987	41,192	0,5221	10,8575	25,0846	0,58586	4,1257	12,7608	0,46382	1	0
12.12.2018	56,8321	61,2654	0,02792	23,5942	41,192	0,51649	10,9464	25,0846	0,57844	4,18043	12,7608	0,4556	1	0
13.12.2018	56,7045	61,2654	0,02869	23,3906	41,192	0,52845	10,9069	25,0846	0,58174	4,08753	12,7608	0,46955	1	0
14.12.2018	56,8528	61,2654	0,0278	23,3766	41,192	0,52927	10,8994	25,0846	0,58236	4,07993	12,7608	0,47069	1	0
15.12.2018	57,0461	61,2654	0,02663	23,4375	41,192	0,5257	10,9348	25,0846	0,57941	4,07746	12,7608	0,47106	1	0
16.12.2018	57,1224	61,2654	0,02617	23,3805	41,192	0,52904	10,9606	25,0846	0,57725	4,12943	12,7608	0,46326	1	0
17.12.2018	57,4071	61,2654	0,02454	23,5758	41,192	0,51757	11,1062	25,0846	0,56511	4,26857	12,7608	0,44236	1	0
18.12.2018	57,5364	61,2654	0,02389	23,7464	41,192	0,50756	11,2237	25,0846	0,5553	4,42002	12,7608	0,41961	1	0
19.12.2018	57,4365	61,2654	0,02439	23,7104	41,192	0,50967	11,2619	25,0846	0,55212	4,40693	12,7608	0,42158	1	0
20.12.2018	56,4592	61,2654	0,0302	23,654	41,192	0,51299	11,3892	25,0846	0,5415	4,51378	12,7608	0,40553	1	0
21.12.2018	56,1402	61,2654	0,03244	23,6092	41,192	0,51562	11,2849	25,0846	0,5502	4,45454	12,7608	0,41443	1	0
22.12.2018	55,679	61,2654	0,03576	23,8137	41,192	0,50361	11,393	25,0846	0,54118	4,53863	12,7608	0,4018	1	0
23.12.2018	55,7981	61,2654	0,03484	23,7942	41,192	0,50475	11,4496	25,0846	0,53646	4,57869	12,7608	0,39578	1	0
24.12.2018	53,3401	61,2654	0,05816	24,0608	41,192	0,48911	11,5955	25,0846	0,52429	4,61763	12,7608	0,38993	0	0
25.12.2018	52,7143	61,2654	0,06586	23,9914	41,192	0,49318	11,537	25,0846	0,52917	4,50692	12,7608	0,40656	0	0
26.12.2018	48,726	61,2654	0,13827	24,0953	41,192	0,48708	11,6385	25,0846	0,5207	4,56646	12,7608	0,39762	0	0
27.12.2018	48,0181	61,2654	0,15567	23,7934	41,192	0,5048	11,5296	25,0846	0,52979	4,48332	12,7608	0,4101	0	0
28.12.2018	43,833	61,2654	0,31947	23,9082	41,192	0,49806	11,6726	25,0846	0,51785	4,63738	12,7608	0,38697	0	0
29.12.2018	42,3138	61,2654	0,38852	24,0155	41,192	0,49176	11,6915	25,0846	0,51628	4,61642	12,7608	0,39011	0	0
30.12.2018	40,9882	61,2654	0,44877	23,9605	41,192	0,49499	11,7447	25,0846	0,51184	4,64989	12,7608	0,38509	0	0
31.12.2018	42,9091	61,2654	0,36146	23,8717	41,192	0,50021	11,6362	25,0846	0,52089	4,68642	12,7608	0,3796	0	0
1.01.2019	41,539	61,2654	0,42373	23,8277	41,192	0,50279	11,725	25,0846	0,51348	4,69664	12,7608	0,37807	0	0
2.01.2019	39,109	61,2654	0,53418	23,9013	41,192	0,49847	11,8254	25,0846	0,5051	4,71627	12,7608	0,37512	0	0
3.01.2019	39,8799	61,2654	0,49914	24,008	41,192	0,49221	11,8139	25,0846	0,50606	4,6978	12,7608	0,37789	0	0
4.01.2019	38,0626	61,2654	0,58174	23,7446	41,192	0,50767	11,8763	25,0846	0,50086	4,74331	12,7608	0,37106	0	0
5.01.2019	38,1674	61,2654	0,57697	23,7547	41,192	0,50707	11,8865	25,0846	0,50001	4,75052	12,7608	0,36997	0	0
6.01.2019	36,7282	61,2654	0,64239	23,2283	41,192	0,53798	11,9593	25,0846	0,49394	4,79663	12,7608	0,36305	0	0
7.01.2019	36,5546	61,2654	0,65028	22,914	41,192	0,55643	11,933	25,0846	0,49613	4,81022	12,7608	0,36101	0	0
8.01.2019	36,9119	61,2654	0,63404	23,4464	41,192	0,52518	11,9106	25,0846	0,498	4,83268	12,7608	0,35763	0	0
9.01.2019	36,3839	61,2654	0,65803	22,8887	41,192	0,55791	11,9359	25,0846	0,49589	4,84914	12,7608	0,35516	0	0
10.01.2019	38,2059	61,2654	0,57522	23,608	41,192	0,51569	11,8387	25,0846	0,504	4,86116	12,7608	0,35336	0	0
11.01.2019	39,0611	61,2654	0,53636	24,0741	41,192	0,48832	11,8559	25,0846	0,50256	4,87947	12,7608	0,35061	0	0

12.01.2019	39,4026	61,2654	0,52084	24,2988	41,192	0,47513	11,9297	25,0846	0,4964	4,89239	12,7608	0,34866	0	0
13.01.2019	39,772	61,2654	0,50405	24,3142	41,192	0,47423	11,966	25,0846	0,49337	4,88881	12,7608	0,3492	0	0
14.01.2019	39,7555	61,2654	0,5048	24,4953	41,192	0,4636	11,9989	25,0846	0,49063	4,93695	12,7608	0,34197	0	0
15.01.2019	39,9111	61,2654	0,49772	24,4611	41,192	0,46561	12,0138	25,0846	0,48939	4,9422	12,7608	0,34118	0	0
16.01.2019	40,0796	61,2654	0,49006	24,6153	41,192	0,45655	12,015	25,0846	0,48929	4,96872	12,7608	0,3372	0	0
17.01.2019	40,1156	61,2654	0,48843	24,6483	41,192	0,45461	12,0169	25,0846	0,48913	4,99356	12,7608	0,33347	0	0
18.01.2019	40,1445	61,2654	0,48711	24,621	41,192	0,45622	11,9943	25,0846	0,49102	5,00685	12,7608	0,33147	0	0
19.01.2019	40,4958	61,2654	0,47115	24,7706	41,192	0,44743	12,0205	25,0846	0,48883	5,0231	12,7608	0,32903	0	0
20.01.2019	39,9266	61,2654	0,49702	24,5984	41,192	0,45755	12,0675	25,0846	0,48491	5,04168	12,7608	0,32624	0	0
21.01.2019	40,0361	61,2654	0,49204	24,6598	41,192	0,45394	12,081	25,0846	0,48378	5,05525	12,7608	0,3242	0	0
22.01.2019	40,2169	61,2654	0,48382	24,7739	41,192	0,44724	12,1161	25,0846	0,48086	5,07452	12,7608	0,32131	0	0
23.01.2019	39,7935	61,2654	0,50307	24,5914	41,192	0,45795	12,1264	25,0846	0,47999	5,08182	12,7608	0,32021	0	0
24.01.2019	39,7997	61,2654	0,50278	24,664	41,192	0,45369	12,1564	25,0846	0,47749	5,10695	12,7608	0,31644	0	0
25.01.2019	40,0982	61,2654	0,48922	24,8498	41,192	0,44279	12,1535	25,0846	0,47773	5,10028	12,7608	0,31744	0	0
26.01.2019	40,2513	61,2654	0,48226	24,8999	41,192	0,43984	12,1057	25,0846	0,48172	5,07197	12,7608	0,32169	0	0
27.01.2019	40,4485	61,2654	0,4733	25,0166	41,192	0,43299	12,123	25,0846	0,48028	5,07695	12,7608	0,32094	0	0
28.01.2019	40,6023	61,2654	0,46631	25,0253	41,192	0,43248	12,3142	25,0846	0,46433	5,2189	12,7608	0,29962	0	0
29.01.2019	41,1583	61,2654	0,44104	25,2241	41,192	0,42081	12,3398	25,0846	0,46219	5,25322	12,7608	0,29447	0	0
30.01.2019	40,9005	61,2654	0,45275	25,1214	41,192	0,42684	12,3942	25,0846	0,45765	5,26819	12,7608	0,29222	0	0
31.01.2019	41,0173	61,2654	0,44745	25,2166	41,192	0,42125	12,4091	25,0846	0,45641	5,2783	12,7608	0,2907	0	0
1.02.2019	41,1159	61,2654	0,44297	25,2231	41,192	0,42087	12,3738	25,0846	0,45935	5,26404	12,7608	0,29284	0	0
2.02.2019	41,201	61,2654	0,4391	25,2917	41,192	0,41684	12,3539	25,0846	0,46101	5,24345	12,7608	0,29594	0	0
3.02.2019	41,3227	61,2654	0,43357	25,4082	41,192	0,41	12,436	25,0846	0,45416	5,28595	12,7608	0,28955	0	0
4.02.2019	41,3252	61,2654	0,43345	25,427	41,192	0,4089	12,3696	25,0846	0,4597	5,22094	12,7608	0,29932	0	0
5.02.2019	41,3258	61,2654	0,43342	25,4675	41,192	0,40652	12,2257	25,0846	0,47171	5,09279	12,7608	0,31857	0	0
6.02.2019	41,4494	61,2654	0,42781	25,5018	41,192	0,4045	12,1582	25,0846	0,47734	5,01327	12,7608	0,33051	0	0
7.02.2019	41,9654	61,2654	0,40435	25,7063	41,192	0,3925	12,3132	25,0846	0,46441	5,13757	12,7608	0,31184	0	0
8.02.2019	41,1267	61,2654	0,44247	25,4157	41,192	0,40956	11,9785	25,0846	0,49233	4,78754	12,7608	0,36441	0	0
9.02.2019	41,1536	61,2654	0,44125	25,4643	41,192	0,40671	11,9707	25,0846	0,49298	4,74334	12,7608	0,37105	0	0
10.02.2019	40,8223	61,2654	0,45631	25,3056	41,192	0,41602	11,7703	25,0846	0,5097	4,52904	12,7608	0,40324	0	0
11.02.2019	40,6578	61,2654	0,46379	25,1332	41,192	0,42615	11,5872	25,0846	0,52498	4,34258	12,7608	0,43124	0	0
12.02.2019	40,9108	61,2654	0,45229	25,3163	41,192	0,4154	11,7033	25,0846	0,5153	4,44644	12,7608	0,41564	0	0
13.02.2019	40,9297	61,2654	0,45143	25,708	41,192	0,3924	12,0157	25,0846	0,48923	4,71881	12,7608	0,37474	0	0
14.02.2019	40,7425	61,2654	0,45993	25,8068	41,192	0,3866	12,0737	25,0846	0,48439	4,75124	12,7608	0,36986	0	0
15.02.2019	40,4552	61,2654	0,47299	25,5667	41,192	0,4007	11,7796	25,0846	0,50893	4,45646	12,7608	0,41414	0	0
16.02.2019	40,547	61,2654	0,46882	25,6912	41,192	0,39339	11,8874	25,0846	0,49993	4,53653	12,7608	0,40211	0	0
17.02.2019	40,6266	61,2654	0,4652	25,6668	41,192	0,39482	11,873	25,0846	0,50114	4,48071	12,7608	0,4105	0	0
18.02.2019	39,7576	61,2654	0,5047	25,394	41,192	0,41084	11,6502	25,0846	0,51972	4,22377	12,7608	0,44909	0	0
19.02.2019	39,9159	61,2654	0,4975	25,1338	41,192	0,42611	11,1972	25,0846	0,55752	3,76769	12,7608	0,51759	0	0
20.02.2019	40,2626	61,2654	0,48175	24,9569	41,192	0,4365	11,0801	25,0846	0,56728	3,61815	12,7608	0,54005	0	0

21.02.2019	38,5528	61,2654	0,55946	24,3437	41,192	0,4725	11,3773	25,0846	0,54249	3,81273	12,7608	0,51082	0	0
22.02.2019	37,0031	61,2654	0,62989	22,7475	41,192	0,56621	11,0227	25,0846	0,57208	3,39959	12,7608	0,57288	0	0
23.02.2019	36,2683	61,2654	0,66329	21,9931	41,192	0,61049	11,0073	25,0846	0,57336	3,28045	12,7608	0,59077	0	0
24.02.2019	38,2894	61,2654	0,57143	23,9725	41,192	0,49429	11,5405	25,0846	0,52888	3,94932	12,7608	0,49031	0	0
25.02.2019	38,132	61,2654	0,57858	23,7621	41,192	0,50664	11,7639	25,0846	0,51024	4,16373	12,7608	0,45811	0	0
26.02.2019	38,2043	61,2654	0,5753	23,7817	41,192	0,50549	11,9887	25,0846	0,49148	4,3544	12,7608	0,42947	0	0
27.02.2019	38,6798	61,2654	0,55368	24,2046	41,192	0,48066	11,7805	25,0846	0,50885	4,18531	12,7608	0,45486	0	0
28.02.2019	38,6641	61,2654	0,5544	24,0723	41,192	0,48843	11,5479	25,0846	0,52825	3,95956	12,7608	0,48877	0	0
1.03.2019	38,6286	61,2654	0,55601	23,8239	41,192	0,50301	11,0275	25,0846	0,57168	3,44113	12,7608	0,56664	0	0
2.03.2019	38,4903	61,2654	0,5623	23,5696	41,192	0,51794	10,8638	25,0846	0,58533	3,23108	12,7608	0,59819	0	0
3.03.2019	39,0246	61,2654	0,53801	24,0667	41,192	0,48876	11,1657	25,0846	0,56015	3,49741	12,7608	0,55818	0	0
4.03.2019	39,4298	61,2654	0,5196	24,4187	41,192	0,46809	11,2436	25,0846	0,55364	3,58718	12,7608	0,5447	0	0
5.03.2019	37,8035	61,2654	0,59352	22,6816	41,192	0,57008	9,95755	25,0846	0,66094	2,29593	12,7608	0,73864	0	0
6.03.2019	37,6086	61,2654	0,60237	22,4713	41,192	0,58242	9,7036	25,0846	0,68213	2,02225	12,7608	0,77975	0	0
7.03.2019	37,6894	61,2654	0,5987	22,4742	41,192	0,58225	9,6227	25,0846	0,68888	1,86366	12,7608	0,80463	0	0
8.03.2019	38,3894	61,2654	0,56688	23,1431	41,192	0,54298	10,2751	25,0846	0,63444	2,47929	12,7608	0,7111	0	0
9.03.2019	37,6062	61,2654	0,60248	22,313	41,192	0,59171	10,066	25,0846	0,6519	2,21675	12,7608	0,75053	0	0
10.03.2019	37,2949	61,2654	0,61663	21,9657	41,192	0,6121	10,2232	25,0846	0,63878	2,3001	12,7608	0,73801	0	0
11.03.2019	38,0662	61,2654	0,58157	22,6936	41,192	0,56937	10,0622	25,0846	0,65221	2,17644	12,7608	0,75659	0	0
12.03.2019	37,1704	61,2654	0,62229	21,7523	41,192	0,62463	9,76475	25,0846	0,67703	1,79621	12,7608	0,81777	0	0
13.03.2019	37,9702	61,2654	0,58594	22,4745	41,192	0,58223	10,1542	25,0846	0,64453	2,07533	12,7608	0,77177	0	0
14.03.2019	37,9367	61,2654	0,58746	22,4607	41,192	0,58304	9,92185	25,0846	0,66392	1,89342	12,7608	0,7991	0	0
15.03.2019	38,4537	61,2654	0,56396	22,9342	41,192	0,55524	10,0377	25,0846	0,65425	1,97071	12,7608	0,78749	0	0
16.03.2019	38,2293	61,2654	0,57416	22,4044	41,192	0,58635	9,69486	25,0846	0,68286	1,66321	12,7608	0,84323	0	0
17.03.2019	38,4642	61,2654	0,56348	22,5973	41,192	0,57502	9,87466	25,0846	0,66786	1,79625	12,7608	0,81776	0	0
18.03.2019	39,0318	61,2654	0,53769	23,1066	41,192	0,54512	9,99469	25,0846	0,65784	1,88331	12,7608	0,8008	0	0
19.03.2019	39,3221	61,2654	0,52449	23,3486	41,192	0,53092	10,104	25,0846	0,64873	1,95807	12,7608	0,78939	0	0
20.03.2019	40,1807	61,2654	0,48547	24,1609	41,192	0,48323	10,3498	25,0846	0,62821	2,15788	12,7608	0,75938	0	0
21.03.2019	40,8778	61,2654	0,45379	24,8197	41,192	0,44455	10,7993	25,0846	0,59071	2,5844	12,7608	0,69531	0	0
22.03.2019	40,5856	61,2654	0,46707	24,4313	41,192	0,46735	10,4928	25,0846	0,61628	2,25522	12,7608	0,74475	0	0
23.03.2019	40,5593	61,2654	0,46826	24,327	41,192	0,47347	10,4643	25,0846	0,61866	2,20577	12,7608	0,75218	0	0
24.03.2019	40,0519	61,2654	0,49132	23,8244	41,192	0,50298	9,82945	25,0846	0,67163	1,55002	12,7608	0,86419	0	0
25.03.2019	40,7986	61,2654	0,45739	24,541	41,192	0,46091	10,03	25,0846	0,6549	1,71973	12,7608	0,83249	0	0
26.03.2019	40,9285	61,2654	0,45148	24,6895	41,192	0,4522	10,2566	25,0846	0,63599	1,91725	12,7608	0,79552	0	0
27.03.2019	40,7372	61,2654	0,46018	24,3212	41,192	0,47382	10,1656	25,0846	0,64359	1,80058	12,7608	0,81692	0	0
28.03.2019	40,9282	61,2654	0,4515	24,4665	41,192	0,46529	10,15	25,0846	0,64489	1,76454	12,7608	0,82394	0	0
29.03.2019	41,6535	61,2654	0,41853	25,1735	41,192	0,42378	10,3218	25,0846	0,63055	1,93374	12,7608	0,79304	0	0
30.03.2019	41,7368	61,2654	0,41474	25,2356	41,192	0,42014	10,2304	25,0846	0,63818	1,82478	12,7608	0,8122	0	0
31.03.2019	41,5448	61,2654	0,42347	25,0049	41,192	0,43368	10,0683	25,0846	0,6517	1,55994	12,7608	0,86237	0	0
1.04.2019	41,625	61,2654	0,41983	25,0771	41,192	0,42944	10,0164	25,0846	0,65603	1,4969	12,7608	0,8739	0	0

2.04.2019	41,3817	61,2654	0,43088	24,825	41,192	0,44424	9,69193	25,0846	0,6831	1,25699	12,7608	0,91455	0	0
3.04.2019	41,2263	61,2654	0,43795	24,6276	41,192	0,45583	9,82886	25,0846	0,67168	1,31804	12,7608	0,90468	0	0
4.04.2019	40,274	61,2654	0,48123	24,2997	41,192	0,47508	9,71916	25,0846	0,68083	1,28731	12,7608	0,90967	0	0
5.04.2019	40,0796	61,2654	0,49006	24,3103	41,192	0,47446	9,77213	25,0846	0,67641	1,35697	12,7608	0,89816	0	0
6.04.2019	38,9456	61,2654	0,5416	23,2595	41,192	0,53615	9,80018	25,0846	0,67407	1,35875	12,7608	0,89785	0	0
7.04.2019	38,7849	61,2654	0,54891	23,3376	41,192	0,53156	9,79658	25,0846	0,67437	1,34034	12,7608	0,90099	0	0
8.04.2019	37,0695	61,2654	0,62688	21,7163	41,192	0,62675	9,71508	25,0846	0,68117	1,23822	12,7608	0,91749	0	0
9.04.2019	36,0865	61,2654	0,67155	20,665	41,192	0,68846	9,88082	25,0846	0,66734	1,40655	12,7608	0,88958	0	0
10.04.2019	36,3076	61,2654	0,6615	20,9256	41,192	0,67316	9,79433	25,0846	0,67456	1,26982	12,7608	0,91249	0	0
11.04.2019	36,7597	61,2654	0,64096	21,0534	41,192	0,66566	9,65757	25,0846	0,68597	1,16973	12,7608	0,92796	0	0
12.04.2019	37,2949	61,2654	0,61663	21,2008	41,192	0,657	9,78405	25,0846	0,67542	1,28884	12,7608	0,90943	0	0
13.04.2019	38,1538	61,2654	0,57759	21,9792	41,192	0,61131	9,82623	25,0846	0,6719	1,27973	12,7608	0,9109	0	0
14.04.2019	38,7239	61,2654	0,55168	22,3956	41,192	0,58687	10,0389	25,0846	0,65415	1,50514	12,7608	0,8724	0	0
15.04.2019	38,4039	61,2654	0,56623	22,1203	41,192	0,60302	10,1015	25,0846	0,64893	1,55335	12,7608	0,86358	0	0
16.04.2019	38,4477	61,2654	0,56424	22,2088	41,192	0,59783	10,3129	25,0846	0,63129	1,73743	12,7608	0,82912	0	0
17.04.2019	38,5901	61,2654	0,55776	22,2991	41,192	0,59253	10,2031	25,0846	0,64046	1,6086	12,7608	0,85347	0	0
18.04.2019	41,0699	61,2654	0,44505	24,2872	41,192	0,47581	11,5428	25,0846	0,52869	2,94984	12,7608	0,64043	0	0
19.04.2019	43,7342	61,2654	0,32396	26,2462	41,192	0,36081	13,1218	25,0846	0,39694	4,53884	12,7608	0,40177	0	0
20.04.2019	44,4587	61,2654	0,29103	26,8758	41,192	0,32384	13,4731	25,0846	0,36764	4,86803	12,7608	0,35232	0	0
21.04.2019	43,0109	61,2654	0,35684	25,4622	41,192	0,40683	12,638	25,0846	0,43731	4,00883	12,7608	0,48137	0	0
22.04.2019	42,3812	61,2654	0,38546	24,6838	41,192	0,45253	11,7453	25,0846	0,51179	3,09947	12,7608	0,61795	0	0
23.04.2019	41,4739	61,2654	0,42669	23,8275	41,192	0,5028	10,7005	25,0846	0,59896	2,03544	12,7608	0,77776	0	0
24.04.2019	41,8074	61,2654	0,41154	24,1462	41,192	0,48409	10,9884	25,0846	0,57493	2,27294	12,7608	0,74209	0	0
25.04.2019	41,215	61,2654	0,43846	23,5022	41,192	0,5219	10,3145	25,0846	0,63116	1,5875	12,7608	0,85733	0	0
26.04.2019	41,4652	61,2654	0,42709	23,7418	41,192	0,50783	10,5374	25,0846	0,61256	1,76639	12,7608	0,82358	0	0
27.04.2019	41,449	61,2654	0,42782	23,6068	41,192	0,51576	10,3574	25,0846	0,62758	1,58428	12,7608	0,85792	0	0
28.04.2019	41,5795	61,2654	0,42189	23,7767	41,192	0,50578	10,5602	25,0846	0,61067	1,74722	12,7608	0,82726	0	0
29.04.2019	41,3491	61,2654	0,43237	23,447	41,192	0,52514	10,202	25,0846	0,64055	1,41021	12,7608	0,88895	0	0
30.04.2019	41,576	61,2654	0,42205	23,6554	41,192	0,5129	10,3618	25,0846	0,62721	1,54162	12,7608	0,86572	0	0
1.05.2019	41,749	61,2654	0,41419	23,6891	41,192	0,51092	10,3704	25,0846	0,6265	1,52273	12,7608	0,86918	0	0
2.05.2019	42,2393	61,2654	0,3919	24,2981	41,192	0,47517	10,9319	25,0846	0,57965	2,03228	12,7608	0,77824	0	0
3.05.2019	42,4142	61,2654	0,38396	24,4138	41,192	0,46838	11,0209	25,0846	0,57223	2,10693	12,7608	0,76703	0	0
4.05.2019	42,0667	61,2654	0,39975	24,0071	41,192	0,49226	10,6995	25,0846	0,59904	1,78247	12,7608	0,82045	0	0
5.05.2019	42,176	61,2654	0,39478	24,1006	41,192	0,48677	10,7096	25,0846	0,5982	1,76654	12,7608	0,82355	0	0
6.05.2019	42,0171	61,2654	0,402	23,7613	41,192	0,50669	10,6261	25,0846	0,60516	1,66652	12,7608	0,8426	0	0
7.05.2019	41,8765	61,2654	0,40839	23,5453	41,192	0,51937	10,3748	25,0846	0,62613	1,40583	12,7608	0,88971	0	0
8.05.2019	41,7628	61,2654	0,41356	23,4457	41,192	0,52522	10,368	25,0846	0,6267	1,37556	12,7608	0,89494	0	0
9.05.2019	41,6416	61,2654	0,41907	23,3708	41,192	0,52961	10,341	25,0846	0,62895	1,33256	12,7608	0,90227	0	0
10.05.2019	41,8894	61,2654	0,40781	23,4746	41,192	0,52352	10,3592	25,0846	0,62743	1,32286	12,7608	0,90388	0	0
11.05.2019	42,1034	61,2654	0,39808	23,606	41,192	0,51581	10,5606	25,0846	0,61063	1,5099	12,7608	0,87153	0	0

12.05.2019	42,0789	61,2654	0,3992	23,5691	41,192	0,51797	10,4861	25,0846	0,61684	1,40955	12,7608	0,88907	0	0
13.05.2019	42,9856	61,2654	0,35798	24,1751	41,192	0,48239	11,1215	25,0846	0,56383	2,03549	12,7608	0,77776	0	0
14.05.2019	42,9652	61,2654	0,35891	24,1931	41,192	0,48134	11,3461	25,0846	0,5451	2,23712	12,7608	0,74747	0	0
15.05.2019	45,2816	61,2654	0,25363	26,9651	41,192	0,3186	14,4595	25,0846	0,28534	5,32872	12,7608	0,28313	0	0
16.05.2019	44,149	61,2654	0,30511	26,3235	41,192	0,35627	14,0538	25,0846	0,31919	4,89202	12,7608	0,34872	0	0
17.05.2019	44,1832	61,2654	0,30356	25,2975	41,192	0,4165	12,5835	25,0846	0,44186	3,41378	12,7608	0,57074	0	0
18.05.2019	51,5117	61,2654	0,08317	28,0213	41,192	0,25659	14,6656	25,0846	0,26814	5,55208	12,7608	0,24958	0	0
19.05.2019	50,0646	61,2654	0,1093	29,6507	41,192	0,17517	16,2536	25,0846	0,16328	7,10217	12,7608	0,12143	0	0
20.05.2019	50,5522	61,2654	0,09951	29,014	41,192	0,19893	15,6111	25,0846	0,19363	6,44033	12,7608	0,15977	0	0
21.05.2019	59,4827	61,2654	0,0153	30,8753	41,192	0,13621	16,9664	25,0846	0,1342	7,79657	12,7608	0,09033	1	0
22.05.2019	56,9704	61,2654	0,02709	29,4873	41,192	0,18126	15,6114	25,0846	0,19361	6,40296	12,7608	0,16225	1	0
23.05.2019	56,9587	61,2654	0,02716	29,5697	41,192	0,17819	15,9903	25,0846	0,17486	6,75283	12,7608	0,14057	1	0
24.05.2019	61,9197	61,2654	0,00883	31,4244	41,192	0,12093	17,5353	25,0846	0,11437	8,22804	12,7608	0,07508	1	1
25.05.2019	64,0034	61,2654	0,00511	32,0681	41,192	0,10499	17,9678	25,0846	0,10041	8,64522	12,7608	0,06274	1	1
26.05.2019	59,3541	61,2654	0,01581	31,5889	41,192	0,11686	17,6151	25,0846	0,11179	8,31837	12,7608	0,07225	1	0
27.05.2019	58,3939	61,2654	0,01966	32,6454	41,192	0,09184	18,6083	25,0846	0,08312	9,19853	12,7608	0,04929	1	0
28.05.2019	56,4867	61,2654	0,03001	31,3776	41,192	0,12209	17,5535	25,0846	0,11378	8,21005	12,7608	0,07568	1	0
29.05.2019	57,1778	61,2654	0,02583	31,7881	41,192	0,11192	17,9053	25,0846	0,10243	8,53501	12,7608	0,06578	1	0
30.05.2019	53,3149	61,2654	0,05845	28,9341	41,192	0,20301	15,4897	25,0846	0,19964	6,10378	12,7608	0,18317	0	0
31.05.2019	54,507	61,2654	0,04578	30,722	41,192	0,14068	16,9846	25,0846	0,1335	7,57711	12,7608	0,09915	1	0
1.06.2019	54,6086	61,2654	0,0448	31,0377	41,192	0,13148	17,5071	25,0846	0,11527	8,06722	12,7608	0,08047	1	0
2.06.2019	54,365	61,2654	0,04717	31,6287	41,192	0,11587	17,996	25,0846	0,09956	8,54664	12,7608	0,06544	1	0
3.06.2019	50,0764	61,2654	0,10906	28,5338	41,192	0,22651	15,2796	25,0846	0,21692	5,8075	12,7608	0,21122	0	0
4.06.2019	47,249	61,2654	0,17644	26,2728	41,192	0,35925	13,2667	25,0846	0,38486	3,77289	12,7608	0,51681	0	0
5.06.2019	49,7095	61,2654	0,11647	27,5457	41,192	0,28451	14,3474	25,0846	0,2947	4,83194	12,7608	0,35774	0	0
6.06.2019	50,0138	61,2654	0,11033	27,5967	41,192	0,28152	14,4593	25,0846	0,28536	4,92227	12,7608	0,34418	0	0
7.06.2019	50,4115	61,2654	0,10229	28,013	41,192	0,25708	14,5836	25,0846	0,27499	5,02564	12,7608	0,32865	0	0
8.06.2019	50,8709	61,2654	0,09381	28,1884	41,192	0,24678	14,7204	25,0846	0,26357	5,14723	12,7608	0,31039	0	0
9.06.2019	49,7012	61,2654	0,11664	26,6688	41,192	0,33599	13,2144	25,0846	0,38922	3,62064	12,7608	0,53968	0	0
10.06.2019	51,044	61,2654	0,09083	27,8135	41,192	0,26879	14,4013	25,0846	0,2902	4,78098	12,7608	0,3654	0	0
11.06.2019	50,6149	61,2654	0,09838	27,3538	41,192	0,29578	14,0782	25,0846	0,31715	4,46775	12,7608	0,41244	0	0
12.06.2019	53,1506	61,2654	0,06039	29,8406	41,192	0,16879	16,254	25,0846	0,16326	6,61475	12,7608	0,14843	0	0
13.06.2019	52,6167	61,2654	0,06716	29,6818	41,192	0,17411	15,6461	25,0846	0,19189	6,00854	12,7608	0,1904	0	0
14.06.2019	50,7859	61,2654	0,09529	27,7858	41,192	0,27042	13,3876	25,0846	0,37477	3,67069	12,7608	0,53216	0	0
15.06.2019	50,067	61,2654	0,10925	27,591	41,192	0,28186	12,7741	25,0846	0,42596	3,02948	12,7608	0,62846	0	0
16.06.2019	50,2178	61,2654	0,1062	27,4529	41,192	0,28996	12,5941	25,0846	0,44097	2,82813	12,7608	0,65871	0	0
17.06.2019	51,0108	61,2654	0,0914	28,3996	41,192	0,23438	13,573	25,0846	0,3593	3,75936	12,7608	0,51884	0	0
18.06.2019	49,0721	61,2654	0,13009	28,1693	41,192	0,2479	13,2439	25,0846	0,38676	3,39432	12,7608	0,57367	0	0
19.06.2019	48,7646	61,2654	0,13736	28,4649	41,192	0,23055	13,1822	25,0846	0,39191	3,32333	12,7608	0,58433	0	0
20.06.2019	51,7044	61,2654	0,08015	30,2539	41,192	0,15496	14,953	25,0846	0,24417	5,06772	12,7608	0,32233	0	0

21.06.2019	51,7733	61,2654	0,07911	31,8508	41,192	0,11037	16,0366	25,0846	0,17283	6,14492	12,7608	0,18004	0	0
22.06.2019	50,1082	61,2654	0,10842	30,5182	41,192	0,14662	14,7269	25,0846	0,26303	4,8211	12,7608	0,35937	0	0
23.06.2019	50,4505	61,2654	0,1015	30,1166	41,192	0,15955	14,9601	25,0846	0,24358	4,99384	12,7608	0,33343	0	0
24.06.2019	50,152	61,2654	0,10753	30,1024	41,192	0,16003	15,1123	25,0846	0,23088	5,135	12,7608	0,31223	0	0
25.06.2019	49,8853	61,2654	0,11292	29,1832	41,192	0,19262	14,161	25,0846	0,31025	4,17088	12,7608	0,45703	0	0
26.06.2019	52,2434	61,2654	0,07226	29,6465	41,192	0,17532	14,9567	25,0846	0,24386	4,95148	12,7608	0,33979	0	0
27.06.2019	50,6641	61,2654	0,09749	28,3269	41,192	0,23865	13,9938	25,0846	0,3242	3,90188	12,7608	0,49743	0	0
28.06.2019	50,9919	61,2654	0,09172	28,6688	41,192	0,21858	14,1747	25,0846	0,3091	4,07975	12,7608	0,47072	0	0
29.06.2019	51,9304	61,2654	0,07677	29,5253	41,192	0,17985	14,8343	25,0846	0,25407	4,71518	12,7608	0,37528	0	0
30.06.2019	50,2613	61,2654	0,10533	27,7864	41,192	0,27038	13,1977	25,0846	0,39061	3,05683	12,7608	0,62436	0	0
1.07.2019	50,8564	61,2654	0,09406	27,8899	41,192	0,26431	13,1098	25,0846	0,39795	2,94572	12,7608	0,64104	0	0
2.07.2019	50,7834	61,2654	0,09534	27,561	41,192	0,28362	12,7705	25,0846	0,42625	2,58559	12,7608	0,69513	0	0
3.07.2019	51,7183	61,2654	0,07993	27,9255	41,192	0,26222	13,157	25,0846	0,39401	2,94979	12,7608	0,64043	0	0
4.07.2019	51,1985	61,2654	0,08824	28,1045	41,192	0,25171	13,3423	25,0846	0,37855	3,09287	12,7608	0,61894	0	0
5.07.2019	51,2705	61,2654	0,08705	28,034	41,192	0,25585	13,1991	25,0846	0,3905	2,92881	12,7608	0,64359	0	0
6.07.2019	50,0168	61,2654	0,11027	27,8731	41,192	0,26529	12,9209	25,0846	0,41371	2,62942	12,7608	0,68855	0	0
7.07.2019	52,2913	61,2654	0,07158	28,379	41,192	0,23559	13,4348	25,0846	0,37083	3,12134	12,7608	0,61467	0	0
8.07.2019	50,5607	61,2654	0,09935	28,3555	41,192	0,23697	13,339	25,0846	0,37882	3,00946	12,7608	0,63147	0	0
9.07.2019	50,4039	61,2654	0,10244	28,1018	41,192	0,25187	13,0717	25,0846	0,40113	2,72018	12,7608	0,67492	0	0
10.07.2019	50,7422	61,2654	0,09608	27,8677	41,192	0,26561	12,7961	25,0846	0,42412	2,38353	12,7608	0,72548	0	0
11.07.2019	51,4609	61,2654	0,08397	27,7142	41,192	0,27462	12,6163	25,0846	0,43912	2,15259	12,7608	0,76017	0	0
12.07.2019	50,878	61,2654	0,09369	28,0768	41,192	0,25333	13,0004	25,0846	0,40708	2,48929	12,7608	0,7096	0	0
13.07.2019	50,3125	61,2654	0,10429	28,0277	41,192	0,25622	12,9228	25,0846	0,41355	2,37919	12,7608	0,72614	0	0
14.07.2019	51,4776	61,2654	0,0837	27,9495	41,192	0,26081	12,7324	25,0846	0,42943	2,12217	12,7608	0,76474	0	0
15.07.2019	51,7352	61,2654	0,07968	27,8426	41,192	0,26708	12,6294	25,0846	0,43803	2,04278	12,7608	0,77666	0	0
16.07.2019	52,0236	61,2654	0,07538	27,8467	41,192	0,26684	12,5167	25,0846	0,44743	1,88839	12,7608	0,79985	0	0
17.07.2019	50,8537	61,2654	0,09411	27,902	41,192	0,2636	12,6031	25,0846	0,44022	1,92967	12,7608	0,79365	0	0
18.07.2019	52,1845	61,2654	0,07309	28,1709	41,192	0,24781	12,7091	25,0846	0,43137	2,04602	12,7608	0,77618	0	0
19.07.2019	51,0157	61,2654	0,09132	28,0887	41,192	0,25264	12,6579	25,0846	0,43565	2,01177	12,7608	0,78132	0	0
20.07.2019	51,4057	61,2654	0,08483	28,3666	41,192	0,23632	12,9036	25,0846	0,41515	2,23551	12,7608	0,74772	0	0
21.07.2019	52,9561	61,2654	0,0628	28,5015	41,192	0,2284	12,9687	25,0846	0,40972	2,28072	12,7608	0,74093	0	0
22.07.2019	52,3847	61,2654	0,07027	28,5162	41,192	0,22754	12,9231	25,0846	0,41352	2,18734	12,7608	0,75495	0	0
23.07.2019	52,2232	61,2654	0,07254	28,4195	41,192	0,23322	12,7933	25,0846	0,42435	2,03334	12,7608	0,77808	0	0
24.07.2019	52,511	61,2654	0,06857	28,4362	41,192	0,23224	12,7768	25,0846	0,42573	2,00303	12,7608	0,78263	0	0
25.07.2019	52,5401	61,2654	0,06818	28,4691	41,192	0,23031	12,7953	25,0846	0,42419	2,00107	12,7608	0,78293	0	0
26.07.2019	52,6496	61,2654	0,06672	28,5349	41,192	0,22644	12,8069	25,0846	0,42322	2,0051	12,7608	0,78232	0	0
27.07.2019	53,7737	61,2654	0,05326	28,6072	41,192	0,2222	12,8089	25,0846	0,42305	1,97701	12,7608	0,78654	0	0
28.07.2019	54,2735	61,2654	0,04808	28,6777	41,192	0,21806	12,8472	25,0846	0,41986	2,00124	12,7608	0,7829	1	0
29.07.2019	53,8054	61,2654	0,05292	28,3691	41,192	0,23618	12,7132	25,0846	0,43104	1,93022	12,7608	0,79357	0	0
30.07.2019	53,6801	61,2654	0,05427	28,3876	41,192	0,23509	12,7347	25,0846	0,42924	1,92283	12,7608	0,79468	0	0

31.07.2019	53,3675	61,2654	0,05784	28,2114	41,192	0,24544	12,7198	25,0846	0,43049	1,92922	12,7608	0,79372	0	0
1.08.2019	52,7501	61,2654	0,06538	28,2924	41,192	0,24068	12,7823	25,0846	0,42527	1,94401	12,7608	0,7915	0	0
2.08.2019	53,17	61,2654	0,06015	28,3119	41,192	0,23953	12,7796	25,0846	0,4255	1,94256	12,7608	0,79172	0	0
3.08.2019	53,2298	61,2654	0,05944	28,2287	41,192	0,24442	12,763	25,0846	0,42688	1,94486	12,7608	0,79137	0	0
4.08.2019	53,2479	61,2654	0,05923	28,0793	41,192	0,25319	12,7422	25,0846	0,42862	1,94909	12,7608	0,79074	0	0
5.08.2019	53,1866	61,2654	0,05995	28,104	41,192	0,25174	12,7742	25,0846	0,42595	1,95089	12,7608	0,79046	0	0
6.08.2019	53,4579	61,2654	0,05679	28,2974	41,192	0,24038	12,8529	25,0846	0,41938	1,95589	12,7608	0,78971	0	0
7.08.2019	52,6117	61,2654	0,06723	28,1467	41,192	0,24923	12,9199	25,0846	0,41379	1,96228	12,7608	0,78875	0	0
8.08.2019	51,871	61,2654	0,07765	28,1891	41,192	0,24674	13,053	25,0846	0,40269	2,00893	12,7608	0,78175	0	0
9.08.2019	52,3769	61,2654	0,07038	28,1516	41,192	0,24894	13,0037	25,0846	0,4068	1,96181	12,7608	0,78882	0	0
10.08.2019	52,7832	61,2654	0,06494	28,4337	41,192	0,23238	13,1198	25,0846	0,39711	1,96602	12,7608	0,78819	0	0
11.08.2019	52,5172	61,2654	0,06849	28,3636	41,192	0,2365	13,0833	25,0846	0,40016	1,98142	12,7608	0,78588	0	0
12.08.2019	52,4636	61,2654	0,0692	28,3845	41,192	0,23527	13,1023	25,0846	0,39857	1,9846	12,7608	0,7854	0	0
13.08.2019	52,7955	61,2654	0,06479	28,4679	41,192	0,23038	13,1137	25,0846	0,39762	1,96779	12,7608	0,78793	0	0
14.08.2019	53,7584	61,2654	0,05343	28,6756	41,192	0,21818	13,1648	25,0846	0,39336	1,95776	12,7608	0,78943	0	0
15.08.2019	53,678	61,2654	0,05429	28,7188	41,192	0,21565	13,2076	25,0846	0,38979	1,96186	12,7608	0,78882	0	0
16.08.2019	53,8598	61,2654	0,05234	28,8198	41,192	0,20972	13,226	25,0846	0,38825	1,96525	12,7608	0,78831	0	0
17.08.2019	53,8877	61,2654	0,05204	28,7606	41,192	0,21319	13,2007	25,0846	0,39036	1,96888	12,7608	0,78776	0	0
18.08.2019	53,8621	61,2654	0,05232	28,7967	41,192	0,21107	13,2438	25,0846	0,38677	1,97389	12,7608	0,78701	0	0
19.08.2019	53,529	61,2654	0,05596	28,7805	41,192	0,21203	13,2673	25,0846	0,38481	1,98009	12,7608	0,78608	0	0
20.08.2019	53,6496	61,2654	0,05459	28,8749	41,192	0,20648	13,303	25,0846	0,38183	1,98097	12,7608	0,78595	0	0
21.08.2019	54,1779	61,2654	0,04902	29,0338	41,192	0,19819	13,3285	25,0846	0,3797	1,98803	12,7608	0,78489	1	0
22.08.2019	54,1084	61,2654	0,0497	29,0748	41,192	0,19666	13,3507	25,0846	0,37785	1,99186	12,7608	0,78431	1	0
23.08.2019	54,3541	61,2654	0,04728	29,1936	41,192	0,19222	13,3724	25,0846	0,37604	1,99459	12,7608	0,7839	1	0
24.08.2019	54,578	61,2654	0,04508	29,2374	41,192	0,19059	13,4004	25,0846	0,3737	2,00292	12,7608	0,78265	1	0
25.08.2019	54,8211	61,2654	0,04291	29,4088	41,192	0,18419	13,4506	25,0846	0,36952	2,00804	12,7608	0,78188	1	0
26.08.2019	54,9857	61,2654	0,04145	29,4226	41,192	0,18368	13,4564	25,0846	0,36903	2,0109	12,7608	0,78145	1	0
27.08.2019	55,0848	61,2654	0,04057	29,4824	41,192	0,18144	13,5001	25,0846	0,36538	2,01721	12,7608	0,7805	1	0
28.08.2019	55,0648	61,2654	0,04075	29,5294	41,192	0,17969	13,5772	25,0846	0,35895	2,05585	12,7608	0,7747	1	0
29.08.2019	55,5449	61,2654	0,03684	29,7344	41,192	0,17235	13,6398	25,0846	0,35373	2,09421	12,7608	0,76894	1	0
30.08.2019	55,4944	61,2654	0,03724	29,8319	41,192	0,16908	13,6532	25,0846	0,35261	2,09192	12,7608	0,76928	1	0
31.08.2019	56,1147	61,2654	0,03262	30,0233	41,192	0,16268	13,704	25,0846	0,34837	2,10453	12,7608	0,76739	1	0
1.09.2019	55,942	61,2654	0,03383	29,8134	41,192	0,1697	13,6674	25,0846	0,35143	2,10751	12,7608	0,76694	1	0
2.09.2019	55,5267	61,2654	0,03698	29,6578	41,192	0,17491	13,6802	25,0846	0,35036	2,10408	12,7608	0,76746	1	0
3.09.2019	55,4807	61,2654	0,03735	29,324	41,192	0,18736	13,6585	25,0846	0,35217	2,1139	12,7608	0,76598	1	0
4.09.2019	55,8782	61,2654	0,03427	29,4474	41,192	0,18275	13,736	25,0846	0,3457	2,12594	12,7608	0,76417	1	0
5.09.2019	55,5576	61,2654	0,03673	29,4582	41,192	0,18235	13,7692	25,0846	0,34294	2,11005	12,7608	0,76656	1	0
6.09.2019	55,7026	61,2654	0,03558	29,542	41,192	0,17922	13,8611	25,0846	0,33526	2,12473	12,7608	0,76435	1	0
7.09.2019	55,8501	61,2654	0,03447	29,8198	41,192	0,16949	13,8337	25,0846	0,33755	2,12317	12,7608	0,76459	1	0
8.09.2019	55,7206	61,2654	0,03543	29,6655	41,192	0,17465	13,7123	25,0846	0,34768	2,13074	12,7608	0,76345	1	0

9.09.2019	55,6369	61,2654	0,0361	29,4961	41,192	0,18093	13,7366	25,0846	0,34565	2,13992	12,7608	0,76207	1	0
10.09.2019	55,779	61,2654	0,03497	29,5512	41,192	0,17888	13,8032	25,0846	0,3401	2,15136	12,7608	0,76035	1	0
11.09.2019	55,9547	61,2654	0,03374	29,2306	41,192	0,19085	13,7754	25,0846	0,34242	2,17502	12,7608	0,7568	1	0
12.09.2019	55,7039	61,2654	0,03557	28,8705	41,192	0,20674	13,7281	25,0846	0,34636	2,18044	12,7608	0,75599	1	0
13.09.2019	55,74	61,2654	0,03528	28,8837	41,192	0,20597	13,751	25,0846	0,34445	2,18352	12,7608	0,75552	1	0
14.09.2019	55,7441	61,2654	0,03524	28,8633	41,192	0,20716	13,7873	25,0846	0,34142	2,17968	12,7608	0,7561	1	0
15.09.2019	55,6817	61,2654	0,03574	28,6454	41,192	0,21995	13,8137	25,0846	0,33922	2,20028	12,7608	0,75301	1	0
16.09.2019	56,3208	61,2654	0,03117	29,1952	41,192	0,19217	13,9718	25,0846	0,32603	2,19808	12,7608	0,75334	1	0
17.09.2019	56,2031	61,2654	0,032	29,1478	41,192	0,19393	13,956	25,0846	0,32735	2,18033	12,7608	0,756	1	0
18.09.2019	56,154	61,2654	0,03234	29,2623	41,192	0,18966	13,974	25,0846	0,32584	2,16244	12,7608	0,75869	1	0
19.09.2019	56,1274	61,2654	0,03253	29,3849	41,192	0,18509	14,0314	25,0846	0,32106	2,18628	12,7608	0,75511	1	0
20.09.2019	56,5859	61,2654	0,02941	29,6001	41,192	0,17705	14,0668	25,0846	0,31811	2,18969	12,7608	0,7546	1	0
21.09.2019	56,9506	61,2654	0,0272	29,7357	41,192	0,1723	14,0935	25,0846	0,31588	2,194	12,7608	0,75395	1	0
22.09.2019	56,8496	61,2654	0,02782	29,7163	41,192	0,17295	14,1263	25,0846	0,31314	2,20897	12,7608	0,7517	1	0
23.09.2019	57,5828	61,2654	0,02365	30,1305	41,192	0,15909	14,1902	25,0846	0,30781	2,21485	12,7608	0,75082	1	0
24.09.2019	58,7813	61,2654	0,01811	31,2048	41,192	0,12661	14,4044	25,0846	0,28994	2,22003	12,7608	0,75004	1	0
25.09.2019	58,7962	61,2654	0,01805	31,0492	41,192	0,13115	14,3747	25,0846	0,29242	2,20764	12,7608	0,7519	1	0
26.09.2019	59,0275	61,2654	0,01712	31,2105	41,192	0,12645	14,3864	25,0846	0,29144	2,1708	12,7608	0,75744	1	0
27.09.2019	59,1223	61,2654	0,01674	31,2521	41,192	0,12523	14,4264	25,0846	0,2881	2,18829	12,7608	0,75481	1	0
28.09.2019	59,1355	61,2654	0,01669	31,2355	41,192	0,12572	14,4495	25,0846	0,28618	2,18788	12,7608	0,75487	1	0
29.09.2019	59,1723	61,2654	0,01654	31,2042	41,192	0,12663	14,4437	25,0846	0,28666	2,16228	12,7608	0,75871	1	0
30.09.2019	59,2524	61,2654	0,01622	31,2737	41,192	0,12466	14,4956	25,0846	0,28233	2,19368	12,7608	0,754	1	0
1.10.2019	59,1809	61,2654	0,01651	31,1589	41,192	0,12795	14,5015	25,0846	0,28183	2,19096	12,7608	0,75441	1	0
2.10.2019	59,3167	61,2654	0,01596	31,2393	41,192	0,12561	14,5389	25,0846	0,27871	2,20322	12,7608	0,75257	1	0
3.10.2019	59,3878	61,2654	0,01568	31,2556	41,192	0,12513	14,5516	25,0846	0,27765	2,19688	12,7608	0,75352	1	0
4.10.2019	59,559	61,2654	0,01499	31,3695	41,192	0,12229	14,5847	25,0846	0,2749	2,20505	12,7608	0,75229	1	0
5.10.2019	59,6086	61,2654	0,01485	31,4504	41,192	0,12029	14,606	25,0846	0,27312	2,19943	12,7608	0,75314	1	0
6.10.2019	59,6871	61,2654	0,01462	31,4655	41,192	0,11991	14,5959	25,0846	0,27396	2,16134	12,7608	0,75886	1	0
7.10.2019	59,605	61,2654	0,01486	31,4311	41,192	0,12076	14,6678	25,0846	0,26796	2,22021	12,7608	0,75001	1	0
8.10.2019	59,5738	61,2654	0,01495	31,3534	41,192	0,12269	14,676	25,0846	0,26728	2,21453	12,7608	0,75087	1	0
9.10.2019	59,2626	61,2654	0,01618	31,3207	41,192	0,1235	14,7815	25,0846	0,25848	2,29871	12,7608	0,73822	1	0
10.10.2019	59,1636	61,2654	0,01657	31,2108	41,192	0,12644	14,7919	25,0846	0,25761	2,29037	12,7608	0,73948	1	0
11.10.2019	59,4628	61,2654	0,01538	31,2476	41,192	0,12536	14,7859	25,0846	0,25811	2,26499	12,7608	0,74329	1	0
12.10.2019	59,5802	61,2654	0,01493	31,3921	41,192	0,12173	14,8591	25,0846	0,252	2,29836	12,7608	0,73828	1	0
13.10.2019	59,1276	61,2654	0,01672	31,3196	41,192	0,12353	14,9135	25,0846	0,24746	2,32438	12,7608	0,73437	1	0
14.10.2019	59,162	61,2654	0,01658	31,3339	41,192	0,12317	14,938	25,0846	0,24542	2,33295	12,7608	0,73308	1	0
15.10.2019	59,2238	61,2654	0,01633	31,4048	41,192	0,12142	14,9728	25,0846	0,24252	2,33818	12,7608	0,7323	1	0
16.10.2019	59,6561	61,2654	0,01471	31,6415	41,192	0,11555	14,9981	25,0846	0,24041	2,33228	12,7608	0,73318	1	0
17.10.2019	59,4855	61,2654	0,01529	31,5596	41,192	0,11758	15,034	25,0846	0,23741	2,35323	12,7608	0,73004	1	0
18.10.2019	59,5974	61,2654	0,01488	31,6014	41,192	0,11655	15,0578	25,0846	0,23542	2,35126	12,7608	0,73033	1	0

18.10.2019	59,5974	61,2654	0,01488	31,6014	41,192	0,11655	15,0578	25,0846	0,23542	2,35126	12,7608	0,73033	1	0
19.10.2019	59,8278	61,2654	0,01421	31,6756	41,192	0,11471	15,0869	25,0846	0,23299	2,35797	12,7608	0,72932	1	0
20.10.2019	60,0947	61,2654	0,01343	31,7741	41,192	0,11227	15,1339	25,0846	0,22908	2,381	12,7608	0,72586	1	0
21.10.2019	60,295	61,2654	0,01284	31,8463	41,192	0,11048	15,1598	25,0846	0,22692	2,38851	12,7608	0,72474	1	0
22.10.2019	60,3082	61,2654	0,0128	31,8106	41,192	0,11137	15,1789	25,0846	0,22532	2,38535	12,7608	0,72521	1	0
23.10.2019	60,3241	61,2654	0,01275	31,8065	41,192	0,11147	15,1521	25,0846	0,22756	2,32727	12,7608	0,73393	1	0
24.10.2019	60,2758	61,2654	0,0129	31,7388	41,192	0,11314	15,1847	25,0846	0,22483	2,34745	12,7608	0,7309	1	0
25.10.2019	59,7563	61,2654	0,01442	31,2299	41,192	0,12588	15,1979	25,0846	0,22374	2,38578	12,7608	0,72515	1	0
26.10.2019	59,8026	61,2654	0,01428	31,2158	41,192	0,12629	15,226	25,0846	0,22139	2,40688	12,7608	0,72198	1	0
27.10.2019	59,5769	61,2654	0,01494	30,9766	41,192	0,13326	15,208	25,0846	0,22289	2,41386	12,7608	0,72093	1	0
28.10.2019	59,0759	61,2654	0,01693	30,4411	41,192	0,14886	15,1575	25,0846	0,2271	2,42177	12,7608	0,71974	1	0
29.10.2019	58,9765	61,2654	0,01732	30,3686	41,192	0,15112	15,1843	25,0846	0,22487	2,4269	12,7608	0,71897	1	0
30.10.2019	59,0156	61,2654	0,01717	30,295	41,192	0,15358	15,1679	25,0846	0,22624	2,43763	12,7608	0,71736	1	0
31.10.2019	59,2182	61,2654	0,01636	30,408	41,192	0,14983	15,1906	25,0846	0,22435	2,44036	12,7608	0,71695	1	0
1.11.2019	59,1459	61,2654	0,01665	30,2989	41,192	0,15346	15,1649	25,0846	0,22649	2,44516	12,7608	0,71623	1	0
2.11.2019	58,9061	61,2654	0,01761	30,0069	41,192	0,16323	15,067	25,0846	0,23466	2,44838	12,7608	0,71574	1	0
3.11.2019	59,1585	61,2654	0,0166	30,2095	41,192	0,15645	15,1703	25,0846	0,22604	2,45087	12,7608	0,71537	1	0
4.11.2019	59,448	61,2654	0,01544	30,4459	41,192	0,14872	15,2608	25,0846	0,21849	2,44314	12,7608	0,71653	1	0
5.11.2019	59,6671	61,2654	0,01468	30,6172	41,192	0,14373	15,3075	25,0846	0,21459	2,4433	12,7608	0,71651	1	0
6.11.2019	60,0562	61,2654	0,01354	30,9531	41,192	0,13394	15,4132	25,0846	0,20577	2,44397	12,7608	0,71641	1	0
7.11.2019	60,1258	61,2654	0,01333	31,1986	41,192	0,12679	15,4473	25,0846	0,20293	2,44282	12,7608	0,71658	1	0
8.11.2019	60,5448	61,2654	0,01211	31,3973	41,192	0,1216	15,5474	25,0846	0,19678	2,44884	12,7608	0,71567	1	0
9.11.2019	40,2367	61,2654	0,48292	21,7086	41,192	0,6272	8,46961	25,0846	0,78508	1,52516	12,7608	0,86874	0	0
10.11.2019	41,1174	61,2654	0,4429	22,3514	41,192	0,58946	9,0717	25,0846	0,73485	1,52274	12,7608	0,86918	0	0
11.11.2019	274,338	61,2654	0,001	32,2624	41,192	0,10018	15,4279	25,0846	0,20455	2,22146	12,7608	0,74983	1	1
12.11.2019	274,788	61,2654	0,001	32,3191	41,192	0,0989	15,469	25,0846	0,20112	2,24052	12,7608	0,74696	1	1
13.11.2019	275,196	61,2654	0,001	32,3269	41,192	0,09873	15,5006	25,0846	0,1991	2,25347	12,7608	0,74502	1	1
14.11.2019	275,677	61,2654	0,001	32,4074	41,192	0,09695	15,5255	25,0846	0,19787	2,25807	12,7608	0,74433	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test															
Maximum Eigen Value Test Stat															
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
21.05.2018	22,5087	32,7171	0,19561	12,0926	25,8613	0,56997	3,63348	18,5193	0,89569	1,30199	6,6349	0,32942	0	0	1
22.05.2018	23,2645	32,7171	0,16283	12,3681	25,8613	0,54655	4,66904	18,5193	0,78489	0,9305	6,6349	0,47065	0	0	1
23.05.2018	23,3286	32,7171	0,16024	12,6726	25,8613	0,52065	6,54077	18,5193	0,58647	0,91141	6,6349	0,47791	0	0	1
24.05.2018	23,7564	32,7171	0,14379	12,8368	25,8613	0,50668	6,41784	18,5193	0,5995	1,21223	6,6349	0,36354	0	0	1
25.05.2018	23,9015	32,7171	0,13866	13,225	25,8613	0,47368	6,79068	18,5193	0,55997	1,30384	6,6349	0,32871	0	0	1
26.05.2018	24,2676	32,7171	0,12569	13,5099	25,8613	0,44945	6,54815	18,5193	0,58568	1,30295	6,6349	0,32905	0	0	1
27.05.2018	23,1836	32,7171	0,16611	13,7913	25,8613	0,42552	6,44179	18,5193	0,59696	1,12761	6,6349	0,39571	0	0	1
28.05.2018	23,0981	32,7171	0,16958	13,7218	25,8613	0,43143	7,45581	18,5193	0,48946	0,94099	6,6349	0,46666	0	0	1
29.05.2018	23,5565	32,7171	0,151	14,0891	25,8613	0,40019	6,86263	18,5193	0,55235	1,20616	6,6349	0,36585	0	0	1
30.05.2018	24,6157	32,7171	0,11518	14,0885	25,8613	0,40025	7,01065	18,5193	0,53665	1,28054	6,6349	0,33757	0	0	1
31.05.2018	24,8565	32,7171	0,10799	14,3094	25,8613	0,38147	6,61029	18,5193	0,5791	1,1369	6,6349	0,39218	0	0	1
1.06.2018	24,8675	32,7171	0,10766	14,2754	25,8613	0,38435	6,34815	18,5193	0,60689	1,15606	6,6349	0,3849	0	0	1
2.06.2018	25,7844	32,7171	0,0835	13,0437	25,8613	0,48909	5,56895	18,5193	0,68949	1,13478	6,6349	0,39299	0	0	1
3.06.2018	25,8951	32,7171	0,08097	13,1771	25,8613	0,47775	5,30162	18,5193	0,71783	1,2606	6,6349	0,34515	0	0	1
4.06.2018	26,2564	32,7171	0,07323	12,5235	25,8613	0,53333	6,33433	18,5193	0,60835	1,13504	6,6349	0,39289	0	0	1
5.06.2018	25,7698	32,7171	0,08383	11,471	25,8613	0,62283	4,72479	18,5193	0,77898	0,86829	6,6349	0,4943	0	0	1
6.06.2018	25,5154	32,7171	0,08988	10,5069	25,8613	0,70481	3,4383	18,5193	0,91333	0,13519	6,6349	0,77301	0	0	1
7.06.2018	26,2718	32,7171	0,07292	10,8251	25,8613	0,67776	3,89098	18,5193	0,87053	0,26999	6,6349	0,72176	0	0	1
8.06.2018	27,1796	32,7171	0,05631	10,7373	25,8613	0,68523	4,53578	18,5193	0,79902	0,12911	6,6349	0,77532	0	0	1
9.06.2018	27,5177	32,7171	0,05104	10,5727	25,8613	0,69922	4,05086	18,5193	0,85383	0,23115	6,6349	0,73653	0	0	1
10.06.2018	26,7687	32,7171	0,06336	10,8607	25,8613	0,67473	6,63766	18,5193	0,57619	1,08183	6,6349	0,41312	0	0	1
11.06.2018	25,9053	32,7171	0,08074	10,7927	25,8613	0,68052	5,64167	18,5193	0,68178	0,84062	6,6349	0,50482	0	0	1
12.06.2018	26,8712	32,7171	0,06153	10,7646	25,8613	0,6829	5,92731	18,5193	0,6515	0,2959	6,6349	0,71191	0	0	1
13.06.2018	25,318	32,7171	0,09486	10,9286	25,8613	0,66895	6,28178	18,5193	0,61392	0,11992	6,6349	0,77881	0	0	1
14.06.2018	24,4477	32,7171	0,1202	10,8677	25,8613	0,67414	5,66496	18,5193	0,67931	0,14634	6,6349	0,76877	0	0	1
15.06.2018	24,3861	32,7171	0,12204	11,1262	25,8613	0,65215	5,96437	18,5193	0,64757	0,01372	6,6349	0,9067	0	0	1
16.06.2018	23,9476	32,7171	0,13702	11,4544	25,8613	0,62425	5,61665	18,5193	0,68443	0,00029	6,6349	0,98538	0	0	1
17.06.2018	23,5033	32,7171	0,15316	11,8123	25,8613	0,59381	5,2066	18,5193	0,7279	0,07771	6,6349	0,79486	0	0	1
18.06.2018	23,1884	32,7171	0,16592	12,0034	25,8613	0,57756	4,63325	18,5193	0,78868	0,02526	6,6349	0,87374	0	0	1
19.06.2018	22,6644	32,7171	0,18857	12,1217	25,8613	0,5675	4,37533	18,5193	0,81763	0,00378	6,6349	0,95089	0	0	1
20.06.2018	23,1955	32,7171	0,16563	12,301	25,8613	0,55225	4,5907	18,5193	0,79319	0,02747	6,6349	0,86876	0	0	1
21.06.2018	24,0036	32,7171	0,13504	12,43	25,8613	0,54128	4,26033	18,5193	0,83077	0,06248	6,6349	0,80281	0	0	1
22.06.2018	23,9309	32,7171	0,13761	12,2536	25,8613	0,55628	5,24839	18,5193	0,72347	0,08324	6,6349	0,79276	0	0	1
23.06.2018	24,113	32,7171	0,13116	12,4498	25,8613	0,5396	5,4354	18,5193	0,70365	0,00735	6,6349	0,9316	0	0	1
24.06.2018	23,5916	32,7171	0,14963	11,6205	25,8613	0,61012	5,79498	18,5193	0,66553	0,00918	6,6349	0,92384	0	0	1
25.06.2018	23,5158	32,7171	0,15265	11,8938	25,8613	0,58688	5,82474	18,5193	0,66237	0,00227	6,6349	0,96191	0	0	1

26.06.2018	24,1951	32,7171	0,12826	11,2346	25,8613	0,64293	6,027	18,5193	0,64093	0,03987	6,6349	0,84224	0	0	1
27.06.2018	24,087	32,7171	0,13208	11,4455	25,8613	0,625	6,11155	18,5193	0,63197	0,05346	6,6349	0,81755	0	0	1
28.06.2018	23,5263	32,7171	0,15222	12,4923	25,8613	0,53598	6,17282	18,5193	0,62547	0,04582	6,6349	0,83088	0	0	1
29.06.2018	22,5548	32,7171	0,19353	12,4519	25,8613	0,53942	6,19834	18,5193	0,62277	0,02346	6,6349	0,87847	0	0	1
30.06.2018	22,2191	32,7171	0,21428	12,2315	25,8613	0,55816	6,20819	18,5193	0,62172	0,08133	6,6349	0,79349	0	0	1
1.07.2018	21,5439	32,7171	0,26434	12,1825	25,8613	0,56233	6,28091	18,5193	0,61401	0,12112	6,6349	0,77836	0	0	1
2.07.2018	23,5775	32,7171	0,15015	11,6046	25,8613	0,61148	6,1056	18,5193	0,6326	0,22037	6,6349	0,74063	0	0	1
3.07.2018	24,5387	32,7171	0,11748	11,4547	25,8613	0,62422	6,26258	18,5193	0,61596	0,25573	6,6349	0,72719	0	0	1
4.07.2018	24,7453	32,7171	0,11131	11,9924	25,8613	0,57849	6,3754	18,5193	0,604	0,58572	6,6349	0,60173	0	0	1
5.07.2018	25,0722	32,7171	0,10154	10,5298	25,8613	0,70287	6,29646	18,5193	0,61236	0,56081	6,6349	0,6112	0	0	1
6.07.2018	24,8626	32,7171	0,10781	9,64949	25,8613	0,77773	6,37505	18,5193	0,60403	0,54077	6,6349	0,61882	0	0	1
7.07.2018	24,9645	32,7171	0,10476	10,2676	25,8613	0,72517	6,41543	18,5193	0,59975	0,54109	6,6349	0,6187	0	0	1
8.07.2018	25,1059	32,7171	0,10054	9,50745	25,8613	0,78981	6,39537	18,5193	0,60188	0,53239	6,6349	0,622	0	0	1
9.07.2018	24,8665	32,7171	0,10769	7,92241	25,8613	0,90837	6,34091	18,5193	0,60765	0,53189	6,6349	0,62219	0	0	1
10.07.2018	23,4646	32,7171	0,15472	6,64547	25,8613	0,96642	5,10591	18,5193	0,73858	0,54636	6,6349	0,61669	0	0	1
11.07.2018	22,48	32,7171	0,19692	6,71131	25,8613	0,96431	3,08251	18,5193	0,94108	0,43083	6,6349	0,66061	0	0	1
12.07.2018	22,3884	32,7171	0,20173	6,85977	25,8613	0,95917	2,5809	18,5193	0,9706	0,6383	6,6349	0,58174	0	0	1
13.07.2018	22,6934	32,7171	0,18726	6,86216	25,8613	0,95908	2,58012	18,5193	0,97063	0,5521	6,6349	0,61451	0	0	1
14.07.2018	22,852	32,7171	0,18009	6,96772	25,8613	0,95516	2,56983	18,5193	0,9711	0,56693	6,6349	0,60887	0	0	1
15.07.2018	23,1959	32,7171	0,16562	7,31836	25,8613	0,94033	4,38386	18,5193	0,81664	0,70314	6,6349	0,55709	0	0	1
16.07.2018	23,3298	32,7171	0,16019	7,15114	25,8613	0,94771	4,54086	18,5193	0,79848	0,71716	6,6349	0,55176	0	0	1
17.07.2018	23,565	32,7171	0,15065	7,40282	25,8613	0,93634	4,97734	18,5193	0,75221	0,83138	6,6349	0,50833	0	0	1
18.07.2018	23,951	32,7171	0,1369	7,37962	25,8613	0,93744	5,30954	18,5193	0,71699	1,0616	6,6349	0,42081	0	0	1
19.07.2018	24,2139	32,7171	0,12759	7,43524	25,8613	0,9348	4,95618	18,5193	0,75445	0,94727	6,6349	0,46428	0	0	1
20.07.2018	24,2662	32,7171	0,12574	7,17207	25,8613	0,94681	4,8389	18,5193	0,76688	1,06438	6,6349	0,41975	0	0	1
21.07.2018	24,4046	32,7171	0,12149	7,28668	25,8613	0,94175	4,864	18,5193	0,76422	1,1308	6,6349	0,3945	0	0	1
22.07.2018	24,4213	32,7171	0,12099	7,3031	25,8613	0,94101	4,83461	18,5193	0,76734	1,14201	6,6349	0,39024	0	0	1
23.07.2018	24,701	32,7171	0,11263	7,22817	25,8613	0,94439	5,02232	18,5193	0,74744	1,08812	6,6349	0,41072	0	0	1
24.07.2018	24,7846	32,7171	0,11013	7,34967	25,8613	0,93886	4,9901	18,5193	0,75085	1,12768	6,6349	0,39568	0	0	1
25.07.2018	25,1551	32,7171	0,09917	7,46488	25,8613	0,93332	5,33643	18,5193	0,71414	0,89639	6,6349	0,48362	0	0	1
26.07.2018	25,3575	32,7171	0,09387	7,57515	25,8613	0,92772	5,75665	18,5193	0,66959	0,75267	6,6349	0,53826	0	0	1
27.07.2018	25,5704	32,7171	0,08856	7,71048	25,8613	0,9205	5,8888	18,5193	0,65558	0,64377	6,6349	0,57966	0	0	1
28.07.2018	25,8816	32,7171	0,08128	7,7683	25,8613	0,91728	6,09479	18,5193	0,63374	0,51058	6,6349	0,63029	0	0	1
29.07.2018	26,0204	32,7171	0,07822	7,89419	25,8613	0,91005	5,88729	18,5193	0,65574	0,69579	6,6349	0,55988	0	0	1
30.07.2018	25,9581	32,7171	0,07956	8,15279	25,8613	0,89386	5,93611	18,5193	0,65057	0,78705	6,6349	0,52519	0	0	1
31.07.2018	25,9071	32,7171	0,0807	8,21442	25,8613	0,88978	6,39401	18,5193	0,60202	0,54554	6,6349	0,617	0	0	1
1.08.2018	25,8726	32,7171	0,08149	8,27302	25,8613	0,88589	5,98335	18,5193	0,64556	0,56191	6,6349	0,61078	0	0	1
2.08.2018	26,1052	32,7171	0,07639	8,32583	25,8613	0,88239	6,53704	18,5193	0,58686	0,47459	6,6349	0,64398	0	0	1
3.08.2018	26,0988	32,7171	0,07653	8,4034	25,8613	0,87725	6,42252	18,5193	0,599	0,54484	6,6349	0,61727	0	0	1
4.08.2018	26,7795	32,7171	0,06317	8,46397	25,8613	0,87304	6,57085	18,5193	0,58328	0,55723	6,6349	0,61256	0	0	1

5.08.2018	26,9167	32,7171	0,06072	8,52308	25,8613	0,86869	6,56439	18,5193	0,58396	0,6439	6,6349	0,57961	0	0	1
6.08.2018	26,9922	32,7171	0,05942	8,57836	25,8613	0,86462	6,63846	18,5193	0,57611	0,64417	6,6349	0,57951	0	0	1
7.08.2018	26,8939	32,7171	0,06112	8,49096	25,8613	0,87106	6,66548	18,5193	0,57324	0,67822	6,6349	0,56656	0	0	1
8.08.2018	27,2158	32,7171	0,05571	8,30299	25,8613	0,88391	6,40812	18,5193	0,60053	0,70504	6,6349	0,55637	0	0	1
9.08.2018	27,2587	32,7171	0,055	8,41967	25,8613	0,87618	6,74723	18,5193	0,56458	0,73652	6,6349	0,5444	0	0	1
10.08.2018	27,4383	32,7171	0,05225	8,03587	25,8613	0,90149	6,61441	18,5193	0,57866	0,81123	6,6349	0,51599	0	0	1
11.08.2018	27,6074	32,7171	0,0497	7,75176	25,8613	0,91821	6,73046	18,5193	0,56636	0,93789	6,6349	0,46784	1	0	1
12.08.2018	27,7275	32,7171	0,04801	7,54575	25,8613	0,92925	7,04241	18,5193	0,53329	0,98243	6,6349	0,45091	1	0	1
13.08.2018	28,1466	32,7171	0,04242	7,37783	25,8613	0,93753	6,05794	18,5193	0,63765	1,46896	6,6349	0,26594	1	0	1
14.08.2018	28,2631	32,7171	0,04094	7,44863	25,8613	0,93413	4,95347	18,5193	0,75474	1,82499	6,6349	0,17685	1	0	1
15.08.2018	28,495	32,7171	0,03821	7,4266	25,8613	0,93522	4,82113	18,5193	0,76877	1,8163	6,6349	0,17795	1	0	1
16.08.2018	28,6974	32,7171	0,03592	7,61574	25,8613	0,9256	5,28881	18,5193	0,71919	1,74277	6,6349	0,18728	1	0	1
17.08.2018	28,923	32,7171	0,03356	7,66395	25,8613	0,92302	7,19286	18,5193	0,51734	1,69505	6,6349	0,19332	1	0	1
18.08.2018	26,4528	32,7171	0,06928	8,37781	25,8613	0,87895	6,93662	18,5193	0,5445	2,31625	6,6349	0,12831	0	0	1
19.08.2018	28,4059	32,7171	0,03922	7,92716	25,8613	0,90809	6,84904	18,5193	0,55379	2,22989	6,6349	0,13599	1	0	1
20.08.2018	24,3908	32,7171	0,1219	7,80079	25,8613	0,91546	6,44448	18,5193	0,59667	2,31688	6,6349	0,12826	0	0	1
21.08.2018	25,4257	32,7171	0,09214	7,55709	25,8613	0,92866	6,5519	18,5193	0,58529	2,54025	6,6349	0,11174	0	0	1
22.08.2018	26,2024	32,7171	0,07433	7,5916	25,8613	0,92686	6,32293	18,5193	0,60956	2,59343	6,6349	0,10796	0	0	1
23.08.2018	25,6414	32,7171	0,08685	7,6419	25,8613	0,92421	6,62726	18,5193	0,5773	2,57255	6,6349	0,10944	0	0	1
24.08.2018	25,3425	32,7171	0,09424	8,47812	25,8613	0,872	6,87085	18,5193	0,55147	2,75839	6,6349	0,09678	0	0	1
25.08.2018	26,414	32,7171	0,07002	8,64204	25,8613	0,85993	6,98889	18,5193	0,53896	2,81412	6,6349	0,09347	0	0	1
26.08.2018	26,5524	32,7171	0,06738	8,70359	25,8613	0,85539	6,83964	18,5193	0,55478	2,72032	6,6349	0,0991	0	0	1
27.08.2018	25,8199	32,7171	0,08269	9,10631	25,8613	0,82373	7,1677	18,5193	0,52	2,25465	6,6349	0,13379	0	0	1
28.08.2018	25,7344	32,7171	0,08464	9,09388	25,8613	0,82478	7,62741	18,5193	0,47127	2,30103	6,6349	0,12966	0	0	1
29.08.2018	25,5076	32,7171	0,09008	9,02632	25,8613	0,83017	7,30483	18,5193	0,50547	2,29161	6,6349	0,1305	0	0	1
30.08.2018	25,8546	32,7171	0,0819	8,97997	25,8613	0,83385	7,10384	18,5193	0,52677	2,53197	6,6349	0,11232	0	0	1
31.08.2018	26,3308	32,7171	0,07172	9,33434	25,8613	0,80449	6,92798	18,5193	0,54542	2,57801	6,6349	0,10905	0	0	1
1.09.2018	26,6745	32,7171	0,06504	9,64587	25,8613	0,77804	7,03915	18,5193	0,53363	2,43509	6,6349	0,11921	0	0	1
2.09.2018	26,8926	32,7171	0,06115	9,48213	25,8613	0,79196	7,21929	18,5193	0,51454	2,41252	6,6349	0,12081	0	0	1
3.09.2018	27,0543	32,7171	0,05839	9,48314	25,8613	0,79188	7,2099	18,5193	0,51553	2,39894	6,6349	0,12177	0	0	1
4.09.2018	27,2775	32,7171	0,05471	9,61314	25,8613	0,78082	7,19035	18,5193	0,5176	2,44722	6,6349	0,11834	0	0	1
5.09.2018	27,4325	32,7171	0,05234	9,11731	25,8613	0,82281	6,84643	18,5193	0,55406	2,62803	6,6349	0,1055	0	0	1
6.09.2018	27,4686	32,7171	0,05179	9,27635	25,8613	0,80939	6,56085	18,5193	0,58434	2,64384	6,6349	0,10438	0	0	1
7.09.2018	27,3114	32,7171	0,05419	9,33799	25,8613	0,80419	6,40901	18,5193	0,60043	2,78538	6,6349	0,09513	0	0	1
8.09.2018	26,8793	32,7171	0,06138	9,01219	25,8613	0,83129	6,2108	18,5193	0,62145	2,8233	6,6349	0,09294	0	0	1
9.09.2018	26,8619	32,7171	0,06169	9,08127	25,8613	0,8258	6,09706	18,5193	0,6335	2,88046	6,6349	0,08967	0	0	1
10.09.2018	26,6404	32,7171	0,06569	9,14122	25,8613	0,82079	5,90869	18,5193	0,65347	2,78122	6,6349	0,09538	0	0	1
11.09.2018	26,2886	32,7171	0,07258	9,26421	25,8613	0,81041	5,6473	18,5193	0,68118	2,87463	6,6349	0,08999	0	0	1
12.09.2018	25,9432	32,7171	0,07988	9,26228	25,8613	0,81057	5,58906	18,5193	0,68736	2,96998	6,6349	0,08483	0	0	1
13.09.2018	26,4907	32,7171	0,06856	9,42955	25,8613	0,79643	5,97164	18,5193	0,6468	2,8395	6,6349	0,09201	0	0	1

14.09.2018	26,5477	32,7171	0,06747	9,76713	25,8613	0,76773	5,87654	18,5193	0,65688	2,68585	6,6349	0,1014	0	0	1
15.09.2018	26,8164	32,7171	0,06251	9,7251	25,8613	0,7713	6,2197	18,5193	0,6205	2,70178	6,6349	0,10026	0	0	1
16.09.2018	26,848	32,7171	0,06194	9,73947	25,8613	0,77008	6,0878	18,5193	0,63449	2,78079	6,6349	0,09541	0	0	1
17.09.2018	26,5805	32,7171	0,06684	9,74862	25,8613	0,7693	5,66925	18,5193	0,67886	2,98393	6,6349	0,08412	0	0	1
18.09.2018	26,7021	32,7171	0,06454	9,89266	25,8613	0,75705	5,75768	18,5193	0,66948	2,95602	6,6349	0,08557	0	0	1
19.09.2018	26,5338	32,7171	0,06773	9,83578	25,8613	0,76189	5,88369	18,5193	0,65612	2,95657	6,6349	0,08554	0	0	1
20.09.2018	26,448	32,7171	0,06937	10,1134	25,8613	0,73828	5,97504	18,5193	0,64644	2,82598	6,6349	0,09279	0	0	1
21.09.2018	26,8978	32,7171	0,06105	10,2871	25,8613	0,72351	6,34976	18,5193	0,60671	2,82973	6,6349	0,09257	0	0	1
22.09.2018	27,2231	32,7171	0,05559	10,2884	25,8613	0,72339	6,31538	18,5193	0,61036	2,84355	6,6349	0,09177	0	0	1
23.09.2018	27,2334	32,7171	0,05542	10,3313	25,8613	0,71975	6,30596	18,5193	0,61136	2,8773	6,6349	0,08984	0	0	1
24.09.2018	27,1585	32,7171	0,05666	10,2463	25,8613	0,72698	6,23727	18,5193	0,61864	2,88428	6,6349	0,08946	0	0	1
25.09.2018	26,6376	32,7171	0,06575	10,1997	25,8613	0,73094	6,00551	18,5193	0,64321	2,92605	6,6349	0,0872	0	0	1
26.09.2018	26,6028	32,7171	0,06641	10,2176	25,8613	0,72942	6,101	18,5193	0,63309	2,96531	6,6349	0,08507	0	0	1
27.09.2018	25,99	32,7171	0,07887	10,204	25,8613	0,73058	6,38994	18,5193	0,60246	2,99968	6,6349	0,08332	0	0	1
28.09.2018	26,0218	32,7171	0,07819	10,3314	25,8613	0,71974	6,30856	18,5193	0,61108	2,97875	6,6349	0,08438	0	0	1
29.09.2018	26,0633	32,7171	0,07729	10,3796	25,8613	0,71564	6,42406	18,5193	0,59884	3,06461	6,6349	0,08001	0	0	1
30.09.2018	26,683	32,7171	0,06489	10,3607	25,8613	0,71725	6,59173	18,5193	0,58106	3,08195	6,6349	0,07919	0	0	1
1.10.2018	26,5422	32,7171	0,06757	10,3763	25,8613	0,71592	6,43544	18,5193	0,59763	3,10341	6,6349	0,07817	0	0	1
2.10.2018	26,4591	32,7171	0,06916	10,689	25,8613	0,68933	6,40484	18,5193	0,60088	2,9231	6,6349	0,08736	0	0	1
3.10.2018	27,4594	32,7171	0,05193	10,9558	25,8613	0,66665	6,65554	18,5193	0,5743	3,15117	6,6349	0,0759	0	0	1
4.10.2018	27,5964	32,7171	0,04985	10,9414	25,8613	0,66787	6,63741	18,5193	0,57622	3,16591	6,6349	0,0752	1	0	1
5.10.2018	26,516	32,7171	0,06807	11,1212	25,8613	0,65258	6,77812	18,5193	0,5613	3,16561	6,6349	0,07521	0	0	1
6.10.2018	26,2318	32,7171	0,07373	11,1685	25,8613	0,64856	6,7817	18,5193	0,56092	3,30924	6,6349	0,06892	0	0	1
7.10.2018	26,9753	32,7171	0,05969	11,226	25,8613	0,64367	6,69979	18,5193	0,56961	3,18584	6,6349	0,0743	0	0	1
8.10.2018	26,8577	32,7171	0,06177	11,2879	25,8613	0,63841	6,67568	18,5193	0,57216	3,16574	6,6349	0,07521	0	0	1
9.10.2018	26,0851	32,7171	0,07682	11,3504	25,8613	0,63309	6,6853	18,5193	0,57114	3,2515	6,6349	0,0714	0	0	1
10.10.2018	26,3768	32,7171	0,07078	11,3919	25,8613	0,62956	6,66994	18,5193	0,57277	3,30733	6,6349	0,069	0	0	1
11.10.2018	27,0197	32,7171	0,05896	11,3966	25,8613	0,62916	6,17156	18,5193	0,62561	3,67234	6,6349	0,05534	0	0	1
12.10.2018	26,8436	32,7171	0,06202	11,4938	25,8613	0,62089	6,28668	18,5193	0,6134	3,63752	6,6349	0,05654	0	0	1
13.10.2018	26,9062	32,7171	0,0609	11,5326	25,8613	0,61759	6,28599	18,5193	0,61348	3,64037	6,6349	0,05644	0	0	1
14.10.2018	26,8167	32,7171	0,0625	11,5866	25,8613	0,61301	6,26909	18,5193	0,61527	3,68051	6,6349	0,05505	0	0	1
15.10.2018	27,0448	32,7171	0,05854	11,6653	25,8613	0,60631	6,62868	18,5193	0,57715	3,44809	6,6349	0,06337	0	0	1
16.10.2018	27,1412	32,7171	0,05695	11,6548	25,8613	0,6072	6,60294	18,5193	0,57988	3,56214	6,6349	0,05914	0	0	1
17.10.2018	27,4839	32,7171	0,05156	11,6711	25,8613	0,60582	6,57761	18,5193	0,58256	3,53645	6,6349	0,06004	0	0	1
18.10.2018	27,5336	32,7171	0,0508	11,7563	25,8613	0,59857	6,44803	18,5193	0,5963	3,59278	6,6349	0,05809	0	0	1
19.10.2018	27,6394	32,7171	0,04925	11,839	25,8613	0,59154	6,48	18,5193	0,59291	3,59693	6,6349	0,05794	1	0	1
20.10.2018	27,8122	32,7171	0,04683	11,8454	25,8613	0,591	6,54831	18,5193	0,58567	3,62653	6,6349	0,05692	1	0	1
21.10.2018	28,0808	32,7171	0,04325	11,8582	25,8613	0,5899	6,50033	18,5193	0,59075	3,59836	6,6349	0,05789	1	0	1
22.10.2018	28,2028	32,7171	0,04171	11,9441	25,8613	0,5826	6,5076	18,5193	0,58998	3,60119	6,6349	0,0578	1	0	1
23.10.2018	28,3385	32,7171	0,03999	12,0017	25,8613	0,5777	6,52284	18,5193	0,58837	3,57549	6,6349	0,05868	1	0	1

24.10.2018	28,4122	32,7171	0,03915	12,1121	25,8613	0,56832	6,56462	18,5193	0,58394	3,68844	6,6349	0,0548	1	0	1
25.10.2018	28,6159	32,7171	0,03684	12,1276	25,8613	0,567	6,57039	18,5193	0,58333	3,71557	6,6349	0,05395	1	0	1
26.10.2018	28,7662	32,7171	0,03514	12,1637	25,8613	0,56393	6,59824	18,5193	0,58037	3,70124	6,6349	0,0544	1	0	1
27.10.2018	28,8915	32,7171	0,03388	12,1662	25,8613	0,56372	6,62727	18,5193	0,5773	3,72853	6,6349	0,05354	1	0	1
28.10.2018	29,0031	32,7171	0,03277	12,2071	25,8613	0,56024	6,62731	18,5193	0,57729	3,73415	6,6349	0,05337	1	0	1
29.10.2018	29,035	32,7171	0,03245	12,2111	25,8613	0,5599	6,45711	18,5193	0,59533	3,74039	6,6349	0,05317	1	0	1
30.10.2018	29,007	32,7171	0,03273	12,2228	25,8613	0,5589	6,50146	18,5193	0,59063	3,77651	6,6349	0,05204	1	0	1
31.10.2018	28,9324	32,7171	0,03347	12,2503	25,8613	0,55657	6,52671	18,5193	0,58796	3,73237	6,6349	0,05342	1	0	1
1.11.2018	28,8699	32,7171	0,03409	12,2867	25,8613	0,55347	6,57912	18,5193	0,5824	3,67917	6,6349	0,0551	1	0	1
2.11.2018	28,9794	32,7171	0,03301	12,2465	25,8613	0,55688	6,64346	18,5193	0,57558	3,64969	6,6349	0,05612	1	0	1
3.11.2018	28,8278	32,7171	0,03451	12,2644	25,8613	0,55536	6,6457	18,5193	0,57534	3,70801	6,6349	0,05419	1	0	1
4.11.2018	28,8538	32,7171	0,03425	12,4304	25,8613	0,54125	6,72817	18,5193	0,5666	3,67818	6,6349	0,05514	1	0	1
5.11.2018	28,9939	32,7171	0,03286	12,4798	25,8613	0,53705	6,75244	18,5193	0,56403	3,73442	6,6349	0,05336	1	0	1
6.11.2018	29,0587	32,7171	0,03222	12,5307	25,8613	0,53272	6,82003	18,5193	0,55686	3,73263	6,6349	0,05342	1	0	1
7.11.2018	29,3373	32,7171	0,02953	12,6764	25,8613	0,52033	6,82355	18,5193	0,55649	3,7642	6,6349	0,05242	1	0	1
8.11.2018	29,751	32,7171	0,02601	12,8032	25,8613	0,50955	6,90733	18,5193	0,54761	3,96285	6,6349	0,04657	1	0	1
9.11.2018	29,6604	32,7171	0,02678	12,8049	25,8613	0,5094	6,98695	18,5193	0,53917	4,11893	6,6349	0,04248	1	0	1
10.11.2018	29,3311	32,7171	0,02958	12,889	25,8613	0,50225	7,0034	18,5193	0,53742	4,16085	6,6349	0,04143	1	0	1
11.11.2018	29,2689	32,7171	0,03013	12,9557	25,8613	0,49658	6,96297	18,5193	0,54171	4,213	6,6349	0,04012	1	0	1
12.11.2018	29,7787	32,7171	0,02577	12,9462	25,8613	0,49738	6,91238	18,5193	0,54707	4,21252	6,6349	0,04013	1	0	1
13.11.2018	29,4956	32,7171	0,02818	12,9777	25,8613	0,49471	6,90237	18,5193	0,54813	4,28142	6,6349	0,0386	1	0	1
14.11.2018	30,2033	32,7171	0,02264	12,68	25,8613	0,52002	6,46206	18,5193	0,59481	4,42159	6,6349	0,03552	1	0	1
15.11.2018	30,3716	32,7171	0,02145	12,7613	25,8613	0,51311	6,36084	18,5193	0,60554	4,48598	6,6349	0,03423	1	0	1
16.11.2018	30,4148	32,7171	0,02114	12,5591	25,8613	0,53031	6,36177	18,5193	0,60544	4,53212	6,6349	0,03335	1	0	1
17.11.2018	30,6542	32,7171	0,01956	12,591	25,8613	0,52759	6,22133	18,5193	0,62033	4,56489	6,6349	0,03273	1	0	1
18.11.2018	30,792	32,7171	0,0188	12,8031	25,8613	0,50955	6,32694	18,5193	0,60913	4,5695	6,6349	0,03265	1	0	1
19.11.2018	31,0782	32,7171	0,0172	12,3092	25,8613	0,55155	5,72699	18,5193	0,67274	4,45346	6,6349	0,03484	1	0	1
20.11.2018	31,1382	32,7171	0,01686	12,1978	25,8613	0,56103	5,49388	18,5193	0,69745	3,93272	6,6349	0,04742	1	0	1
21.11.2018	31,2542	32,7171	0,01622	12,4835	25,8613	0,53673	5,49723	18,5193	0,69709	4,25637	6,6349	0,03915	1	0	1
22.11.2018	31,5492	32,7171	0,01469	12,3967	25,8613	0,54411	5,64205	18,5193	0,68174	3,92424	6,6349	0,04766	1	0	1
23.11.2018	31,7604	32,7171	0,01384	12,3487	25,8613	0,5482	5,73408	18,5193	0,67198	3,7256	6,6349	0,05364	1	0	1
24.11.2018	31,8173	32,7171	0,01361	12,1787	25,8613	0,56265	5,73648	18,5193	0,67173	3,25197	6,6349	0,07137	1	0	1
25.11.2018	31,943	32,7171	0,01311	12,0813	25,8613	0,57093	5,78253	18,5193	0,66685	3,29476	6,6349	0,06952	1	0	1
26.11.2018	31,8725	32,7171	0,01339	11,9669	25,8613	0,58066	5,63636	18,5193	0,68234	3,00015	6,6349	0,08329	1	0	1
27.11.2018	31,88	32,7171	0,01336	11,9608	25,8613	0,58118	5,62887	18,5193	0,68314	3,00718	6,6349	0,08294	1	0	1
28.11.2018	31,7703	32,7171	0,0138	12,113	25,8613	0,56824	5,71835	18,5193	0,67365	3,35733	6,6349	0,06695	1	0	1
29.11.2018	32,4115	32,7171	0,01123	12,19	25,8613	0,56169	5,81794	18,5193	0,66309	3,51341	6,6349	0,06091	1	0	1
30.11.2018	32,2856	32,7171	0,01173	12,3182	25,8613	0,55078	5,90006	18,5193	0,65439	3,14671	6,6349	0,07611	1	0	1
1.12.2018	32,3958	32,7171	0,01129	12,2029	25,8613	0,56059	5,81859	18,5193	0,66302	3,3513	6,6349	0,0672	1	0	1
2.12.2018	32,4229	32,7171	0,01118	12,2395	25,8613	0,55748	5,80895	18,5193	0,66405	3,28406	6,6349	0,06996	1	0	1

3.12.2018	32,4806	32,7171	0,01095	12,231	25,8613	0,5582	5,78613	18,5193	0,66647	3,17191	6,6349	0,07492	1	0	1
4.12.2018	32,5633	32,7171	0,01062	12,5323	25,8613	0,53259	5,41541	18,5193	0,70577	3,67673	6,6349	0,05519	1	0	1
5.12.2018	32,4279	32,7171	0,01116	12,6315	25,8613	0,52415	5,17443	18,5193	0,73131	3,75896	6,6349	0,05259	1	0	1
6.12.2018	32,4605	32,7171	0,01103	12,1418	25,8613	0,56579	5,5624	18,5193	0,69018	3,08396	6,6349	0,07909	1	0	1
7.12.2018	32,4874	32,7171	0,01092	12,0461	25,8613	0,57392	5,75245	18,5193	0,67004	2,72293	6,6349	0,09894	1	0	1
8.12.2018	32,4624	32,7171	0,01102	12,1973	25,8613	0,56107	5,68751	18,5193	0,67692	2,79928	6,6349	0,09432	1	0	1
9.12.2018	32,5392	32,7171	0,01071	12,2216	25,8613	0,559	5,69857	18,5193	0,67575	2,93039	6,6349	0,08696	1	0	1
10.12.2018	32,7659	32,7171	0,00988	12,1669	25,8613	0,56366	5,70457	18,5193	0,67511	2,82007	6,6349	0,09313	1	1	1
11.12.2018	32,9468	32,7171	0,00945	12,3533	25,8613	0,5478	5,65523	18,5193	0,68034	2,90794	6,6349	0,08818	1	1	1
12.12.2018	33,1044	32,7171	0,00906	12,357	25,8613	0,54749	5,66055	18,5193	0,67978	3,03798	6,6349	0,08137	1	1	1
13.12.2018	33,1823	32,7171	0,00888	12,2014	25,8613	0,56072	5,79661	18,5193	0,66536	2,78523	6,6349	0,09514	1	1	1
14.12.2018	33,3353	32,7171	0,00851	12,2039	25,8613	0,56051	5,81305	18,5193	0,66361	2,72792	6,6349	0,09863	1	1	1
15.12.2018	33,4644	32,7171	0,00819	12,2338	25,8613	0,55796	5,86664	18,5193	0,65793	2,71647	6,6349	0,09933	1	1	1
16.12.2018	33,5917	32,7171	0,00789	12,1539	25,8613	0,56476	5,80515	18,5193	0,66445	2,79174	6,6349	0,09476	1	1	1
17.12.2018	33,6547	32,7171	0,00773	12,1932	25,8613	0,56142	5,7149	18,5193	0,67402	3,12172	6,6349	0,0773	1	1	1
18.12.2018	33,5823	32,7171	0,00791	12,2438	25,8613	0,55711	5,56295	18,5193	0,69013	3,44833	6,6349	0,06336	1	1	1
19.12.2018	33,5075	32,7171	0,00809	12,1603	25,8613	0,56422	5,63635	18,5193	0,68234	3,40426	6,6349	0,06503	1	1	1
20.12.2018	32,5284	32,7171	0,01076	11,9359	25,8613	0,58329	5,53434	18,5193	0,69316	3,65828	6,6349	0,05582	1	0	1
21.12.2018	32,2632	32,7171	0,01182	12,0235	25,8613	0,57585	5,56222	18,5193	0,6902	3,3842	6,6349	0,06585	1	0	1
22.12.2018	31,5692	32,7171	0,01461	12,1232	25,8613	0,56737	5,51743	18,5193	0,69495	3,6209	6,6349	0,05711	1	0	1
23.12.2018	31,7345	32,7171	0,01395	12,0281	25,8613	0,57546	5,495	18,5193	0,69733	3,6989	6,6349	0,05447	1	0	1
24.12.2018	28,8687	32,7171	0,0341	12,1346	25,8613	0,5664	5,60919	18,5193	0,68522	3,91031	6,6349	0,04806	1	0	1
25.12.2018	28,3359	32,7171	0,04002	12,1116	25,8613	0,56836	5,81951	18,5193	0,66293	3,54882	6,6349	0,05961	1	0	1
26.12.2018	24,1388	32,7171	0,13025	12,0691	25,8613	0,57197	5,80584	18,5193	0,66438	3,72167	6,6349	0,05376	0	0	1
27.12.2018	23,8783	32,7171	0,13948	11,8525	25,8613	0,59039	5,8355	18,5193	0,66123	3,29783	6,6349	0,06939	0	0	1
28.12.2018	19,534	32,7171	0,41335	11,7544	25,8613	0,59873	5,55388	18,5193	0,69109	3,78238	6,6349	0,05185	0	0	1
29.12.2018	17,9232	32,7171	0,53278	11,8309	25,8613	0,59223	5,66472	18,5193	0,67934	3,66519	6,6349	0,05558	0	0	1
30.12.2018	16,7345	32,7171	0,6209	11,647	25,8613	0,60786	5,61584	18,5193	0,68452	3,73977	6,6349	0,05319	0	0	1
31.12.2018	18,8622	32,7171	0,46316	11,812	25,8613	0,59384	5,32741	18,5193	0,7151	3,61086	6,6349	0,05746	0	0	1
1.01.2019	17,5561	32,7171	0,55999	11,6069	25,8613	0,61127	5,42976	18,5193	0,70424	3,66259	6,6349	0,05567	0	0	1
2.01.2019	15,0582	32,7171	0,74518	11,3839	25,8613	0,63024	5,58105	18,5193	0,68821	3,84979	6,6349	0,04977	0	0	1
3.01.2019	15,7317	32,7171	0,69525	11,6208	25,8613	0,6101	5,6673	18,5193	0,67906	3,62719	6,6349	0,0569	0	0	1
4.01.2019	14,2821	32,7171	0,8026	11,1872	25,8613	0,64697	5,55572	18,5193	0,69089	3,76494	6,6349	0,0524	0	0	1
5.01.2019	14,387	32,7171	0,79495	11,2402	25,8613	0,64246	5,5727	18,5193	0,68909	3,69242	6,6349	0,05468	0	0	1
6.01.2019	13,4949	32,7171	0,85563	10,6107	25,8613	0,69599	5,40285	18,5193	0,7071	3,94429	6,6349	0,0471	0	0	1
7.01.2019	13,6276	32,7171	0,84735	10,4487	25,8613	0,70976	5,34548	18,5193	0,71318	3,78744	6,6349	0,0517	0	0	1
8.01.2019	13,4507	32,7171	0,85831	11,0503	25,8613	0,65861	5,18518	18,5193	0,73017	3,9413	6,6349	0,04718	0	0	1
9.01.2019	13,4582	32,7171	0,85785	10,5288	25,8613	0,70295	5,16076	18,5193	0,73276	3,90892	6,6349	0,0481	0	0	1
10.01.2019	14,5926	32,7171	0,7797	11,4225	25,8613	0,62696	5,37502	18,5193	0,71005	3,38802	6,6349	0,0657	0	0	1
11.01.2019	14,9866	32,7171	0,75049	11,8869	25,8613	0,58746	5,37423	18,5193	0,71013	3,44003	6,6349	0,06368	0	0	1

12.01.2019	15,1038	32,7171	0,7418	12,03	25,8613	0,57529	5,45427	18,5193	0,70165	3,52443	6,6349	0,06049	0	0	1
13.01.2019	15,4576	32,7171	0,71557	12,0135	25,8613	0,5767	5,57796	18,5193	0,68853	3,40731	6,6349	0,06491	0	0	1
14.01.2019	15,2602	32,7171	0,73021	12,1767	25,8613	0,56282	5,44918	18,5193	0,70219	3,60392	6,6349	0,0577	0	0	1
15.01.2019	15,4495	32,7171	0,71617	12,1366	25,8613	0,56623	5,48882	18,5193	0,69798	3,52621	6,6349	0,06042	0	0	1
16.01.2019	15,4638	32,7171	0,71511	12,3131	25,8613	0,55122	5,41162	18,5193	0,70617	3,5832	6,6349	0,05842	0	0	1
17.01.2019	15,4663	32,7171	0,71493	12,3586	25,8613	0,54735	5,32811	18,5193	0,71502	3,62796	6,6349	0,05687	0	0	1
18.01.2019	15,5213	32,7171	0,71085	12,3688	25,8613	0,54649	5,25826	18,5193	0,72243	3,59789	6,6349	0,05791	0	0	1
19.01.2019	15,7225	32,7171	0,69594	12,5044	25,8613	0,53496	5,26926	18,5193	0,72126	3,60867	6,6349	0,05754	0	0	1
20.01.2019	15,3243	32,7171	0,72546	12,267	25,8613	0,55514	5,29415	18,5193	0,71862	3,61225	6,6349	0,05741	0	0	1
21.01.2019	15,3711	32,7171	0,72198	12,3278	25,8613	0,54998	5,28566	18,5193	0,71952	3,59132	6,6349	0,05814	0	0	1
22.01.2019	15,4372	32,7171	0,71708	12,4151	25,8613	0,54255	5,31093	18,5193	0,71684	3,59748	6,6349	0,05792	0	0	1
23.01.2019	15,1911	32,7171	0,73533	12,2231	25,8613	0,55888	5,2845	18,5193	0,71964	3,58636	6,6349	0,05831	0	0	1
24.01.2019	15,1226	32,7171	0,74041	12,2796	25,8613	0,55407	5,31917	18,5193	0,71597	3,54857	6,6349	0,05961	0	0	1
25.01.2019	15,237	32,7171	0,73193	12,4798	25,8613	0,53705	5,26571	18,5193	0,72164	3,61053	6,6349	0,05747	0	0	1
26.01.2019	15,3384	32,7171	0,72441	12,5911	25,8613	0,52758	5,1645	18,5193	0,73237	3,63348	6,6349	0,05668	0	0	1
27.01.2019	15,4189	32,7171	0,71844	12,6976	25,8613	0,51852	5,15822	18,5193	0,73303	3,65767	6,6349	0,05584	0	0	1
28.01.2019	15,5549	32,7171	0,70835	12,5015	25,8613	0,5352	5,42347	18,5193	0,70491	3,5488	6,6349	0,05961	0	0	1
29.01.2019	15,9057	32,7171	0,68235	12,6931	25,8613	0,51891	5,45939	18,5193	0,7011	3,47324	6,6349	0,06242	0	0	1
30.01.2019	15,752	32,7171	0,69374	12,5265	25,8613	0,53308	5,47965	18,5193	0,69896	3,53603	6,6349	0,06005	0	0	1
31.01.2019	15,7738	32,7171	0,69213	12,6201	25,8613	0,52512	5,46661	18,5193	0,70034	3,53598	6,6349	0,06005	0	0	1
1.02.2019	15,8623	32,7171	0,68557	12,6724	25,8613	0,52066	5,37706	18,5193	0,70983	3,54457	6,6349	0,05975	0	0	1
2.02.2019	15,879	32,7171	0,68433	12,7703	25,8613	0,51234	5,31308	18,5193	0,71661	3,58047	6,6349	0,05851	0	0	1
3.02.2019	15,8851	32,7171	0,68388	12,8033	25,8613	0,50954	5,38273	18,5193	0,70923	3,62966	6,6349	0,05681	0	0	1
4.02.2019	15,8693	32,7171	0,68505	12,9	25,8613	0,50132	5,26604	18,5193	0,7216	3,65836	6,6349	0,05582	0	0	1
5.02.2019	15,833	32,7171	0,68774	13,1041	25,8613	0,48396	5,09414	18,5193	0,73982	3,65761	6,6349	0,05585	0	0	1
6.02.2019	15,9219	32,7171	0,68115	13,2134	25,8613	0,47466	5,01582	18,5193	0,74813	3,66167	6,6349	0,05571	0	0	1
7.02.2019	16,2249	32,7171	0,65869	13,2624	25,8613	0,4705	5,13867	18,5193	0,7351	3,71167	6,6349	0,05407	0	0	1
8.02.2019	15,6945	32,7171	0,69801	13,31	25,8613	0,46645	4,82676	18,5193	0,76817	3,67775	6,6349	0,05515	0	0	1
9.02.2019	15,6777	32,7171	0,69925	13,374	25,8613	0,46101	4,79165	18,5193	0,77189	3,75816	6,6349	0,05261	0	0	1
10.02.2019	15,5067	32,7171	0,71193	13,4174	25,8613	0,45731	4,68108	18,5193	0,78361	3,64447	6,6349	0,0563	0	0	1
11.02.2019	15,5156	32,7171	0,71127	13,4316	25,8613	0,45611	4,63377	18,5193	0,78863	3,46939	6,6349	0,06257	0	0	1
12.02.2019	15,5795	32,7171	0,70653	13,4942	25,8613	0,45079	4,68217	18,5193	0,7835	3,5243	6,6349	0,06049	0	0	1
13.02.2019	15,2071	32,7171	0,73415	13,5669	25,8613	0,4446	4,81151	18,5193	0,76979	3,7637	6,6349	0,05244	0	0	1
14.02.2019	14,9225	32,7171	0,75524	13,6064	25,8613	0,44125	4,8323	18,5193	0,76758	3,81786	6,6349	0,05074	0	0	1
15.02.2019	14,8771	32,7171	0,75861	13,6624	25,8613	0,43648	4,72847	18,5193	0,77859	3,57245	6,6349	0,05879	0	0	1
16.02.2019	14,8359	32,7171	0,76166	13,6806	25,8613	0,43493	4,75772	18,5193	0,77549	3,66416	6,6349	0,05562	0	0	1
17.02.2019	14,9269	32,7171	0,75492	13,6726	25,8613	0,43561	4,73902	18,5193	0,77747	3,69589	6,6349	0,05457	0	0	1
18.02.2019	14,3089	32,7171	0,8007	13,6517	25,8613	0,43739	4,71117	18,5193	0,78042	3,50803	6,6349	0,06111	0	0	1
19.02.2019	14,7801	32,7171	0,7658	13,8128	25,8613	0,42369	4,74027	18,5193	0,77734	2,94631	6,6349	0,0861	0	0	1
20.02.2019	15,3044	32,7171	0,72693	13,758	25,8613	0,42835	4,77645	18,5193	0,7735	2,79996	6,6349	0,09428	0	0	1

21.02.2019	14,0918	32,7171	0,81607	12,966	25,8613	0,4957	4,80744	18,5193	0,77022	3,30568	6,6349	0,06907	0	0	1
22.02.2019	14,1329	32,7171	0,81316	11,7171	25,8613	0,60191	4,90992	18,5193	0,75935	2,92114	6,6349	0,08747	0	0	1
23.02.2019	14,1518	32,7171	0,81182	10,962	25,8613	0,66611	5,04464	18,5193	0,74507	2,82121	6,6349	0,09306	0	0	1
24.02.2019	14,1928	32,7171	0,80892	12,424	25,8613	0,54179	4,74567	18,5193	0,77677	3,62846	6,6349	0,05685	0	0	1
25.02.2019	14,2466	32,7171	0,80511	11,9887	25,8613	0,57881	4,69602	18,5193	0,78203	3,90141	6,6349	0,04831	0	0	1
26.02.2019	14,2975	32,7171	0,80151	11,7807	25,8613	0,5965	4,67519	18,5193	0,78424	4,17446	6,6349	0,04109	0	0	1
27.02.2019	14,358	32,7171	0,79709	12,424	25,8613	0,54179	4,71869	18,5193	0,77963	3,892	6,6349	0,04857	0	0	1
28.02.2019	14,4881	32,7171	0,78745	12,5216	25,8613	0,5335	4,79933	18,5193	0,77108	3,55717	6,6349	0,05932	0	0	1
1.03.2019	14,7422	32,7171	0,76861	12,7708	25,8613	0,5123	4,93371	18,5193	0,75683	2,83888	6,6349	0,09204	0	0	1
2.03.2019	14,8712	32,7171	0,75905	12,676	25,8613	0,52036	5,02367	18,5193	0,74729	2,59844	6,6349	0,1076	0	0	1
3.03.2019	14,9035	32,7171	0,75665	12,8739	25,8613	0,50353	5,01838	18,5193	0,74786	2,96325	6,6349	0,08518	0	0	1
4.03.2019	14,9808	32,7171	0,75092	13,1233	25,8613	0,48232	5,00455	18,5193	0,74932	3,03321	6,6349	0,08161	0	0	1
5.03.2019	15,1181	32,7171	0,74074	12,6417	25,8613	0,52328	5,19259	18,5193	0,72939	1,32788	6,6349	0,31957	0	0	1
6.03.2019	15,1373	32,7171	0,73932	12,6725	25,8613	0,52066	5,2547	18,5193	0,7228	0,93606	6,6349	0,46854	0	0	1
7.03.2019	15,2147	32,7171	0,73358	12,7722	25,8613	0,51219	5,35762	18,5193	0,71189	0,78444	6,6349	0,52618	0	0	1
8.03.2019	15,2463	32,7171	0,73123	12,8096	25,8613	0,509	5,33454	18,5193	0,71434	1,64991	6,6349	0,19905	0	0	1
9.03.2019	15,2931	32,7171	0,72776	12,2106	25,8613	0,55994	5,42322	18,5193	0,70494	1,39623	6,6349	0,29359	0	0	1
10.03.2019	15,3288	32,7171	0,72512	11,7252	25,8613	0,60121	5,51171	18,5193	0,69556	1,59112	6,6349	0,21949	0	0	1
11.03.2019	15,3724	32,7171	0,72189	12,5906	25,8613	0,52763	5,47054	18,5193	0,69992	1,3588	6,6349	0,30782	0	0	1
12.03.2019	15,4178	32,7171	0,71852	11,9527	25,8613	0,58187	5,66919	18,5193	0,67886	0,83738	6,6349	0,50605	0	0	1
13.03.2019	15,4925	32,7171	0,71298	12,3011	25,8613	0,55225	5,76454	18,5193	0,66875	1,34939	6,6349	0,3114	0	0	1
14.03.2019	15,4758	32,7171	0,71422	12,4996	25,8613	0,53536	5,73418	18,5193	0,67197	1,03128	6,6349	0,43234	0	0	1
15.03.2019	15,5192	32,7171	0,711	12,8542	25,8613	0,50521	5,75891	18,5193	0,66935	1,16203	6,6349	0,38263	0	0	1
16.03.2019	15,8157	32,7171	0,68903	12,6489	25,8613	0,52267	5,79089	18,5193	0,66596	0,59202	6,6349	0,59933	0	0	1
17.03.2019	15,8584	32,7171	0,68586	12,6714	25,8613	0,52075	5,81351	18,5193	0,66356	0,84407	6,6349	0,50351	0	0	1
18.03.2019	15,9142	32,7171	0,68172	13,0537	25,8613	0,48824	5,83338	18,5193	0,66146	0,99265	6,6349	0,44702	0	0	1
19.03.2019	15,961	32,7171	0,67825	13,1872	25,8613	0,4769	5,86212	18,5193	0,65841	1,12407	6,6349	0,39706	0	0	1
20.03.2019	16,0064	32,7171	0,67488	13,743	25,8613	0,42963	5,90563	18,5193	0,6538	1,45264	6,6349	0,27214	0	0	1
21.03.2019	16,0473	32,7171	0,67185	13,9471	25,8613	0,41227	5,87748	18,5193	0,65678	2,0425	6,6349	0,1532	0	0	1
22.03.2019	16,1138	32,7171	0,66692	13,8717	25,8613	0,41868	5,91181	18,5193	0,65314	1,59074	6,6349	0,21964	0	0	1
23.03.2019	16,2033	32,7171	0,66029	13,7945	25,8613	0,42525	5,91708	18,5193	0,65258	1,51067	6,6349	0,25008	0	0	1
24.03.2019	16,1659	32,7171	0,66306	13,915	25,8613	0,415	5,98965	18,5193	0,64489	0,55176	6,6349	0,61464	0	0	1
25.03.2019	16,1927	32,7171	0,66107	14,4017	25,8613	0,37361	5,99987	18,5193	0,64381	0,83137	6,6349	0,50834	0	0	1
26.03.2019	16,1917	32,7171	0,66115	14,3223	25,8613	0,38036	5,99331	18,5193	0,6445	1,1094	6,6349	0,40264	0	0	1
27.03.2019	16,3322	32,7171	0,65073	14,0816	25,8613	0,40083	6,01097	18,5193	0,64263	0,95312	6,6349	0,46205	0	0	1
28.03.2019	16,3766	32,7171	0,64744	14,2284	25,8613	0,38835	6,02958	18,5193	0,64066	0,90332	6,6349	0,48098	0	0	1
29.03.2019	16,349	32,7171	0,64949	14,7281	25,8613	0,34585	6,04678	18,5193	0,63883	1,1443	6,6349	0,38937	0	0	1
30.03.2019	16,3166	32,7171	0,65188	14,8784	25,8613	0,33308	6,06692	18,5193	0,6367	0,98769	6,6349	0,44891	0	0	1
31.03.2019	16,3519	32,7171	0,64927	14,824	25,8613	0,3377	6,08938	18,5193	0,63432	0,59382	6,6349	0,59865	0	0	1
1.04.2019	16,2904	32,7171	0,65383	14,9422	25,8613	0,32765	6,10066	18,5193	0,63312	0,49784	6,6349	0,63514	0	0	1

2.04.2019	16,1	32,7171	0,66795	15,0591	25,8613	0,31771	6,076	18,5193	0,63574	0,07234	6,6349	0,79691	0	0	1
3.04.2019	16,4174	32,7171	0,64441	14,7127	25,8613	0,34717	6,09836	18,5193	0,63337	0,22578	6,6349	0,73857	0	0	1
4.04.2019	15,9734	32,7171	0,67733	14,4827	25,8613	0,36672	6,02844	18,5193	0,64078	0,008	6,6349	0,92876	0	0	1
5.04.2019	15,7514	32,7171	0,69379	14,459	25,8613	0,36874	6,09156	18,5193	0,63409	8,1E-06	6,6349	0,99868	0	0	1
6.04.2019	15,6438	32,7171	0,70177	13,434	25,8613	0,45591	6,08398	18,5193	0,63489	3,2E-05	6,6349	0,9977	0	0	1
7.04.2019	15,362	32,7171	0,72266	13,5343	25,8613	0,44737	6,18656	18,5193	0,62402	0,00397	6,6349	0,94956	0	0	1
8.04.2019	15,2312	32,7171	0,73236	11,9938	25,8613	0,57838	6,12898	18,5193	0,63012	0,04823	6,6349	0,82628	0	0	1
9.04.2019	15,3197	32,7171	0,72579	10,7841	25,8613	0,68125	6,01931	18,5193	0,64175	0,00224	6,6349	0,96213	0	0	1
10.04.2019	15,2626	32,7171	0,73003	11,1269	25,8613	0,65209	6,07382	18,5193	0,63597	0,02063	6,6349	0,88643	0	0	1
11.04.2019	15,6224	32,7171	0,70335	11,3933	25,8613	0,62944	5,8498	18,5193	0,65972	0,1188	6,6349	0,77924	0	0	1
12.04.2019	16,0467	32,7171	0,67189	11,4019	25,8613	0,62871	5,93183	18,5193	0,65102	0,01031	6,6349	0,91919	0	0	1
13.04.2019	16,1295	32,7171	0,66576	12,1334	25,8613	0,5665	6,02205	18,5193	0,64146	0,01867	6,6349	0,89193	0	0	1
14.04.2019	16,303	32,7171	0,6529	12,3079	25,8613	0,55167	6,04095	18,5193	0,63945	0,01131	6,6349	0,91537	0	0	1
15.04.2019	16,2447	32,7171	0,65721	11,9797	25,8613	0,57958	6,04978	18,5193	0,63852	0,0208	6,6349	0,88597	0	0	1
16.04.2019	16,1688	32,7171	0,66284	11,869	25,8613	0,58899	6,17005	18,5193	0,62577	0,06519	6,6349	0,79962	0	0	1
17.04.2019	16,224	32,7171	0,65876	12,0621	25,8613	0,57257	6,13316	18,5193	0,62968	0,02728	6,6349	0,86919	0	0	1
18.04.2019	16,7781	32,7171	0,61767	12,5792	25,8613	0,52859	6,31205	18,5193	0,61071	0,71435	6,6349	0,55283	0	0	1
19.04.2019	17,4649	32,7171	0,56675	12,8194	25,8613	0,50817	6,54101	18,5193	0,58644	1,90523	6,6349	0,16795	0	0	1
20.04.2019	17,5502	32,7171	0,56043	13,0591	25,8613	0,48778	6,66699	18,5193	0,57308	2,10967	6,6349	0,14668	0	0	1
21.04.2019	17,5396	32,7171	0,56122	12,5899	25,8613	0,52768	6,4808	18,5193	0,59282	1,4841	6,6349	0,26018	0	0	1
22.04.2019	17,6618	32,7171	0,55216	12,7273	25,8613	0,516	6,33097	18,5193	0,60871	0,87758	6,6349	0,49077	0	0	1
23.04.2019	17,6378	32,7171	0,55394	12,9482	25,8613	0,49722	6,24641	18,5193	0,61767	0,20721	6,6349	0,74563	0	0	1
24.04.2019	17,6414	32,7171	0,55367	12,9233	25,8613	0,49933	6,146	18,5193	0,62832	0,38788	6,6349	0,67694	0	0	1
25.04.2019	17,697	32,7171	0,54955	12,982	25,8613	0,49434	6,07618	18,5193	0,63572	0,03039	6,6349	0,86219	0	0	1
26.04.2019	17,69	32,7171	0,55006	12,9825	25,8613	0,4943	6,08963	18,5193	0,63429	0,10121	6,6349	0,78593	0	0	1
27.04.2019	17,8194	32,7171	0,54047	13,0349	25,8613	0,48984	6,11022	18,5193	0,63211	0,02226	6,6349	0,88185	0	0	1
28.04.2019	17,7657	32,7171	0,54445	13,0037	25,8613	0,4925	6,13276	18,5193	0,62972	0,0777	6,6349	0,79487	0	0	1
29.04.2019	17,8709	32,7171	0,53666	13,0574	25,8613	0,48793	6,15643	18,5193	0,62721	0,00816	6,6349	0,9281	0	0	1
30.04.2019	17,8867	32,7171	0,53548	13,0926	25,8613	0,48493	6,19611	18,5193	0,623	0,00302	6,6349	0,9563	0	0	1
1.05.2019	18,0368	32,7171	0,52436	13,1151	25,8613	0,48302	6,19634	18,5193	0,62298	0,00094	6,6349	0,97462	0	0	1
2.05.2019	17,8986	32,7171	0,5346	13,1338	25,8613	0,48143	6,24812	18,5193	0,61749	0,18461	6,6349	0,75422	0	0	1
3.05.2019	17,9606	32,7171	0,53	13,1623	25,8613	0,47901	6,29932	18,5193	0,61206	0,20793	6,6349	0,74536	0	0	1
4.05.2019	18,0249	32,7171	0,52524	13,1167	25,8613	0,48289	6,30654	18,5193	0,6113	0,05179	6,6349	0,82028	0	0	1
5.05.2019	18,0211	32,7171	0,52552	13,1883	25,8613	0,4768	6,30927	18,5193	0,61101	0,04597	6,6349	0,8306	0	0	1
6.05.2019	18,2406	32,7171	0,50924	12,9898	25,8613	0,49368	6,35203	18,5193	0,60647	0,0108	6,6349	0,91731	0	0	1
7.05.2019	18,3232	32,7171	0,50312	13,0356	25,8613	0,48979	6,32721	18,5193	0,60911	0,03829	6,6349	0,84525	0	0	1
8.05.2019	18,3156	32,7171	0,50368	12,9566	25,8613	0,4965	6,32374	18,5193	0,60947	0,06635	6,6349	0,79918	0	0	1
9.05.2019	18,2691	32,7171	0,50713	12,9349	25,8613	0,49835	6,28051	18,5193	0,61406	0,43214	6,6349	0,66012	0	0	1
10.05.2019	18,4145	32,7171	0,49635	13	25,8613	0,49281	6,30463	18,5193	0,6115	0,23997	6,6349	0,73318	0	0	1
11.05.2019	18,4949	32,7171	0,49039	12,9268	25,8613	0,49903	6,4236	18,5193	0,59889	0,01022	6,6349	0,91955	0	0	1

12.05.2019	18,509	32,7171	0,48935	12,972	25,8613	0,49519	6,42848	18,5193	0,59837	0,07309	6,6349	0,79662	0	0	1
13.05.2019	18,7828	32,7171	0,46905	12,8969	25,8613	0,50157	6,52072	18,5193	0,58859	0,09685	6,6349	0,78759	0	0	1
14.05.2019	18,7577	32,7171	0,47091	12,7046	25,8613	0,51793	6,62175	18,5193	0,57788	0,16655	6,6349	0,76109	0	0	1
15.05.2019	18,3166	32,7171	0,50361	12,2978	25,8613	0,55253	7,43114	18,5193	0,49208	1,83476	6,6349	0,17561	0	0	1
16.05.2019	17,8132	32,7171	0,54093	12,1181	25,8613	0,5678	7,36344	18,5193	0,49925	1,52666	6,6349	0,244	0	0	1
17.05.2019	18,8851	32,7171	0,46146	12,5676	25,8613	0,52958	6,88956	18,5193	0,54949	0,74996	6,6349	0,53929	0	0	1
18.05.2019	23,1946	32,7171	0,16567	12,9776	25,8613	0,49472	7,1863	18,5193	0,51803	2,28686	6,6349	0,13092	0	0	1
19.05.2019	20,2561	32,7171	0,35982	12,877	25,8613	0,50327	7,97875	18,5193	0,43402	3,0152	6,6349	0,08253	0	0	1
20.05.2019	21,2634	32,7171	0,28514	12,9274	25,8613	0,49898	7,62407	18,5193	0,47162	2,75547	6,6349	0,09695	0	0	1
21.05.2019	27,4335	32,7171	0,05233	13,33	25,8613	0,46474	8,14999	18,5193	0,41587	3,8951	6,6349	0,04849	0	0	1
22.05.2019	26,5815	32,7171	0,06682	13,4146	25,8613	0,45756	7,55227	18,5193	0,47924	2,95296	6,6349	0,08574	0	0	1
23.05.2019	26,4797	32,7171	0,06877	13,1257	25,8613	0,48212	7,68268	18,5193	0,46541	3,10281	6,6349	0,0782	0	0	1
24.05.2019	28,9255	32,7171	0,03354	13,2986	25,8613	0,46741	8,35153	18,5193	0,3945	4,19177	6,6349	0,04066	1	0	1
25.05.2019	30,1081	32,7171	0,02331	13,4924	25,8613	0,45093	8,69051	18,5193	0,35857	4,38572	6,6349	0,03631	1	0	1
26.05.2019	26,7087	32,7171	0,06443	13,377	25,8613	0,46075	8,60515	18,5193	0,36762	3,77554	6,6349	0,05207	0	0	1
27.05.2019	24,992	32,7171	0,10394	13,2475	25,8613	0,47177	9,20282	18,5193	0,30426	4,02272	6,6349	0,0449	0	0	1
28.05.2019	24,5491	32,7171	0,11717	13,225	25,8613	0,47367	8,62425	18,5193	0,36559	3,38091	6,6349	0,06599	0	0	1
29.05.2019	24,7424	32,7171	0,1114	13,2163	25,8613	0,47442	8,75823	18,5193	0,35139	3,57437	6,6349	0,05872	0	0	1
30.05.2019	24,0391	32,7171	0,13378	13,0511	25,8613	0,48846	7,76905	18,5193	0,45625	2,14009	6,6349	0,14397	0	0	1
31.05.2019	23,4484	32,7171	0,15538	13,1804	25,8613	0,47747	8,36716	18,5193	0,39285	2,85283	6,6349	0,09124	0	0	1
1.06.2019	23,2499	32,7171	0,16343	12,958	25,8613	0,49638	8,53397	18,5193	0,37516	3,10064	6,6349	0,0783	0	0	1
2.06.2019	22,5009	32,7171	0,19597	13,0101	25,8613	0,49195	8,88998	18,5193	0,33742	3,15777	6,6349	0,07559	0	0	1
3.06.2019	21,5055	32,7171	0,26719	12,9192	25,8613	0,49968	7,86446	18,5193	0,44614	1,67502	6,6349	0,19586	0	0	1
4.06.2019	20,9756	32,7171	0,30648	12,7962	25,8613	0,51014	7,3593	18,5193	0,49969	0,62874	6,6349	0,58537	0	0	1
5.06.2019	22,109	32,7171	0,22245	12,9139	25,8613	0,50013	7,59161	18,5193	0,47507	1,16973	6,6349	0,3797	0	0	1
6.06.2019	22,3506	32,7171	0,20454	12,8651	25,8613	0,50428	7,64351	18,5193	0,46956	1,19524	6,6349	0,37	0	0	1
7.06.2019	22,3329	32,7171	0,20585	13,1054	25,8613	0,48385	7,7453	18,5193	0,45877	1,21644	6,6349	0,36194	0	0	1
8.06.2019	22,5832	32,7171	0,19225	13,1109	25,8613	0,48338	7,65757	18,5193	0,46807	1,34903	6,6349	0,31153	0	0	1
9.06.2019	22,9159	32,7171	0,1772	13,1556	25,8613	0,47958	7,30863	18,5193	0,50506	0,55429	6,6349	0,61368	0	0	1
10.06.2019	23,0689	32,7171	0,17076	13,1009	25,8613	0,48423	7,58472	18,5193	0,4758	1,1152	6,6349	0,40043	0	0	1
11.06.2019	23,0194	32,7171	0,17277	13,0542	25,8613	0,4882	7,77117	18,5193	0,45603	0,80981	6,6349	0,51653	0	0	1
12.06.2019	23,0341	32,7171	0,17217	13,2482	25,8613	0,4717	8,5416	18,5193	0,37436	1,77816	6,6349	0,18279	0	0	1
13.06.2019	22,5338	32,7171	0,19448	13,5979	25,8613	0,44196	8,16897	18,5193	0,41386	1,65432	6,6349	0,19849	0	0	1
14.06.2019	22,7881	32,7171	0,18298	13,9823	25,8613	0,40928	7,82612	18,5193	0,4502	0,39951	6,6349	0,67252	0	0	1
15.06.2019	22,0536	32,7171	0,22655	14,3297	25,8613	0,37973	7,771	18,5193	0,45605	0,16714	6,6349	0,76086	0	0	1
16.06.2019	22,3942	32,7171	0,2013	14,3668	25,8613	0,37658	7,77082	18,5193	0,45607	0,08868	6,6349	0,79069	0	0	1
17.06.2019	22,2825	32,7171	0,20958	14,3531	25,8613	0,37775	7,88472	18,5193	0,44399	0,4775	6,6349	0,64287	0	0	1
18.06.2019	20,3538	32,7171	0,35257	14,4176	25,8613	0,37226	7,75236	18,5193	0,45802	0,36852	6,6349	0,6843	0	0	1
19.06.2019	19,6976	32,7171	0,40122	14,5987	25,8613	0,35686	7,76838	18,5193	0,45633	0,36158	6,6349	0,68694	0	0	1
20.06.2019	21,1015	32,7171	0,29714	14,6034	25,8613	0,35646	8,1659	18,5193	0,41418	1,2201	6,6349	0,36055	0	0	1

21.06.2019	19,6033	32,7171	0,40822	14,7279	25,8613	0,34588	8,3492	18,5193	0,39475	2,04839	6,6349	0,15257	0	0	1
22.06.2019	19,0905	32,7171	0,44624	14,8046	25,8613	0,33935	8,09521	18,5193	0,42168	1,2354	6,6349	0,35473	0	0	1
23.06.2019	19,991	32,7171	0,37947	14,4746	25,8613	0,36741	8,1466	18,5193	0,41623	1,176	6,6349	0,37732	0	0	1
24.06.2019	19,5994	32,7171	0,4085	14,4421	25,8613	0,37018	8,23344	18,5193	0,40702	1,18936	6,6349	0,37224	0	0	1
25.06.2019	20,3809	32,7171	0,35057	14,4774	25,8613	0,36717	8,1238	18,5193	0,41865	0,61236	6,6349	0,5916	0	0	1
26.06.2019	22,5679	32,7171	0,19294	14,2981	25,8613	0,38242	8,44338	18,5193	0,38477	0,80867	6,6349	0,51697	0	0	1
27.06.2019	22,2396	32,7171	0,21277	14,1154	25,8613	0,39796	8,1648	18,5193	0,4143	0,36647	6,6349	0,68508	0	0	1
28.06.2019	22,2366	32,7171	0,21299	14,2519	25,8613	0,38635	8,32145	18,5193	0,39769	0,39485	6,6349	0,67429	0	0	1
29.06.2019	22,356	32,7171	0,20413	14,3826	25,8613	0,37524	8,5306	18,5193	0,37552	0,64401	6,6349	0,57957	0	0	1
30.06.2019	22,4272	32,7171	0,1993	14,3561	25,8613	0,37749	8,19902	18,5193	0,41067	0,05216	6,6349	0,81968	0	0	1
1.07.2019	22,6916	32,7171	0,18734	14,5124	25,8613	0,3642	8,14733	18,5193	0,41615	0,04022	6,6349	0,84156	0	0	1
2.07.2019	22,9559	32,7171	0,17538	14,5407	25,8613	0,36179	8,10713	18,5193	0,42041	0,00019	6,6349	0,99046	0	0	1
3.07.2019	23,5946	32,7171	0,14952	14,5621	25,8613	0,35997	8,22788	18,5193	0,40761	0,02362	6,6349	0,87805	0	0	1
4.07.2019	22,8595	32,7171	0,17975	14,5805	25,8613	0,35841	8,192	18,5193	0,41142	0,0571	6,6349	0,81161	0	0	1
5.07.2019	23,0066	32,7171	0,17329	14,6364	25,8613	0,35365	8,20115	18,5193	0,41045	0,02241	6,6349	0,88144	0	0	1
6.07.2019	21,7967	32,7171	0,2456	14,7025	25,8613	0,34803	8,1272	18,5193	0,41829	0,00016	6,6349	0,99207	0	0	1
7.07.2019	23,7513	32,7171	0,14397	14,7284	25,8613	0,34583	8,32089	18,5193	0,39775	0,04671	6,6349	0,82918	0	0	1
8.07.2019	21,9457	32,7171	0,23455	14,7002	25,8613	0,34823	8,29006	18,5193	0,40102	0,03365	6,6349	0,85485	0	0	1
9.07.2019	22,0336	32,7171	0,22804	14,7316	25,8613	0,34556	8,24424	18,5193	0,40588	0,00075	6,6349	0,97756	0	0	1
10.07.2019	22,6715	32,7171	0,18825	14,7142	25,8613	0,34704	8,07175	18,5193	0,42416	0,02637	6,6349	0,87123	0	0	1
11.07.2019	23,6016	32,7171	0,14928	14,8183	25,8613	0,33819	7,95801	18,5193	0,43622	0,1342	6,6349	0,77339	0	0	1
12.07.2019	22,6228	32,7171	0,19045	14,7458	25,8613	0,34436	8,0142	18,5193	0,43027	0,00498	6,6349	0,94358	0	0	1
13.07.2019	22,0758	32,7171	0,22491	14,7635	25,8613	0,34285	7,97931	18,5193	0,43396	0,02383	6,6349	0,87744	0	0	1
14.07.2019	23,3857	32,7171	0,15792	14,993	25,8613	0,32333	7,90596	18,5193	0,44174	0,16205	6,6349	0,7628	0	0	1
15.07.2019	23,7737	32,7171	0,14318	14,9244	25,8613	0,32916	7,93348	18,5193	0,43882	0,26628	6,6349	0,72317	0	0	1
16.07.2019	24,0601	32,7171	0,13304	15,0996	25,8613	0,31427	7,80154	18,5193	0,45281	0,70567	6,6349	0,55613	0	0	1
17.07.2019	22,7633	32,7171	0,1841	15,0327	25,8613	0,31995	7,82224	18,5193	0,45062	0,46671	6,6349	0,64697	0	0	1
18.07.2019	23,8665	32,7171	0,1399	15,2387	25,8613	0,30243	8,00072	18,5193	0,4317	0,22155	6,6349	0,74018	0	0	1
19.07.2019	22,7185	32,7171	0,18613	15,1569	25,8613	0,3094	8,02233	18,5193	0,4294	0,28284	6,6349	0,71688	0	0	1
20.07.2019	22,8655	32,7171	0,17947	15,201	25,8613	0,30565	8,14107	18,5193	0,41682	0,08128	6,6349	0,79351	0	0	1
21.07.2019	24,364	32,7171	0,1227	15,3093	25,8613	0,29643	8,19452	18,5193	0,41115	0,06919	6,6349	0,7981	0	0	1
22.07.2019	23,6416	32,7171	0,14786	15,3382	25,8613	0,29398	8,10964	18,5193	0,42015	0,10692	6,6349	0,78376	0	0	1
23.07.2019	23,5433	32,7171	0,15153	15,3645	25,8613	0,29174	8,02343	18,5193	0,42929	0,25842	6,6349	0,72616	0	0	1
24.07.2019	23,8249	32,7171	0,14137	15,3981	25,8613	0,28888	8,04463	18,5193	0,42704	0,32249	6,6349	0,7018	0	0	1
25.07.2019	23,8277	32,7171	0,14127	15,3964	25,8613	0,28903	8,06001	18,5193	0,42541	0,33675	6,6349	0,69638	0	0	1
26.07.2019	23,8629	32,7171	0,14002	15,4643	25,8613	0,28325	8,10966	18,5193	0,42015	0,34821	6,6349	0,69202	0	0	1
27.07.2019	24,9801	32,7171	0,10429	15,5806	25,8613	0,27336	8,11784	18,5193	0,41928	0,43906	6,6349	0,65748	0	0	1
28.07.2019	25,4474	32,7171	0,0916	15,6455	25,8613	0,26785	8,17838	18,5193	0,41286	0,40328	6,6349	0,67109	0	0	1
29.07.2019	25,2538	32,7171	0,09656	15,2916	25,8613	0,29794	8,23359	18,5193	0,40701	0,64255	6,6349	0,58012	0	0	1
30.07.2019	25,0922	32,7171	0,10095	15,2726	25,8613	0,29955	8,20792	18,5193	0,40973	0,69366	6,6349	0,56069	0	0	1

31.07.2019	24,9645	32,7171	0,10476	15,0402	25,8613	0,31932	8,24959	18,5193	0,40531	0,5964	6,6349	0,59767	0	0	1
1.08.2019	24,256	32,7171	0,1261	15,0743	25,8613	0,31641	8,27154	18,5193	0,40299	0,45297	6,6349	0,6522	0	0	1
2.08.2019	24,6682	32,7171	0,11361	15,0814	25,8613	0,31581	8,28742	18,5193	0,4013	0,56584	6,6349	0,60929	0	0	1
3.08.2019	24,8225	32,7171	0,109	14,9597	25,8613	0,32616	8,31213	18,5193	0,39868	0,61143	6,6349	0,59195	0	0	1
4.08.2019	25,0037	32,7171	0,10359	14,7548	25,8613	0,34359	8,33346	18,5193	0,39642	0,67405	6,6349	0,56815	0	0	1
5.08.2019	24,919	32,7171	0,10612	14,7465	25,8613	0,34429	8,35197	18,5193	0,39446	0,6214	6,6349	0,58816	0	0	1
6.08.2019	25,0011	32,7171	0,10367	14,9119	25,8613	0,33023	8,36377	18,5193	0,39321	0,63763	6,6349	0,58199	0	0	1
7.08.2019	24,305	32,7171	0,12447	14,6617	25,8613	0,3515	8,3831	18,5193	0,39116	0,37719	6,6349	0,68101	0	0	1
8.08.2019	23,5357	32,7171	0,15184	14,6074	25,8613	0,35612	8,40145	18,5193	0,38921	0,18646	6,6349	0,75352	0	0	1
9.08.2019	24,0874	32,7171	0,13207	14,584	25,8613	0,35811	8,4076	18,5193	0,38856	0,35918	6,6349	0,68785	0	0	1
10.08.2019	24,2194	32,7171	0,1274	14,8492	25,8613	0,33556	8,40812	18,5193	0,38851	0,35742	6,6349	0,68852	0	0	1
11.08.2019	24,0114	32,7171	0,13476	14,7686	25,8613	0,34241	8,4422	18,5193	0,38489	0,31969	6,6349	0,70287	0	0	1
12.08.2019	23,9338	32,7171	0,13751	14,7588	25,8613	0,34325	8,46012	18,5193	0,38299	0,32488	6,6349	0,70089	0	0	1
13.08.2019	24,1898	32,7171	0,12844	14,8435	25,8613	0,33604	8,46882	18,5193	0,38207	0,4197	6,6349	0,66485	0	0	1
14.08.2019	24,9901	32,7171	0,10399	15,0547	25,8613	0,31809	8,45137	18,5193	0,38392	0,72897	6,6349	0,54727	0	0	1
15.08.2019	24,8596	32,7171	0,10789	15,0616	25,8613	0,31749	8,4779	18,5193	0,38111	0,57893	6,6349	0,60431	0	0	1
16.08.2019	24,9406	32,7171	0,10547	15,151	25,8613	0,3099	8,49522	18,5193	0,37927	0,63507	6,6349	0,58297	0	0	1
17.08.2019	25,0312	32,7171	0,10277	15,0754	25,8613	0,31633	8,52254	18,5193	0,37638	0,68121	6,6349	0,56542	0	0	1
18.08.2019	24,9657	32,7171	0,10472	15,0722	25,8613	0,31659	8,54037	18,5193	0,37449	0,61593	6,6349	0,59024	0	0	1
19.08.2019	24,632	32,7171	0,11469	15,0175	25,8613	0,32124	8,56421	18,5193	0,37196	0,52772	6,6349	0,62378	0	0	1
20.08.2019	24,6544	32,7171	0,11402	15,0808	25,8613	0,31586	8,56805	18,5193	0,37155	0,63215	6,6349	0,58408	0	0	1
21.08.2019	25,0398	32,7171	0,10251	15,2448	25,8613	0,30192	8,57958	18,5193	0,37033	0,79558	6,6349	0,52194	0	0	1
22.08.2019	24,9202	32,7171	0,10608	15,2583	25,8613	0,30077	8,59857	18,5193	0,36832	0,79939	6,6349	0,5205	0	0	1
23.08.2019	25,0522	32,7171	0,10214	15,379	25,8613	0,29051	8,62674	18,5193	0,36533	0,77863	6,6349	0,52839	0	0	1
24.08.2019	25,2406	32,7171	0,09691	15,3857	25,8613	0,28994	8,63534	18,5193	0,36442	0,87826	6,6349	0,49051	0	0	1
25.08.2019	25,3137	32,7171	0,09497	15,5473	25,8613	0,2762	8,64415	18,5193	0,36348	0,90747	6,6349	0,47941	0	0	1
26.08.2019	25,4743	32,7171	0,09092	15,5459	25,8613	0,27632	8,67487	18,5193	0,36023	0,89728	6,6349	0,48328	0	0	1
27.08.2019	25,5141	32,7171	0,08992	15,5622	25,8613	0,27492	8,67311	18,5193	0,36041	0,96407	6,6349	0,45789	0	0	1
28.08.2019	25,4328	32,7171	0,09196	15,4972	25,8613	0,28046	8,61507	18,5193	0,36657	1,3248	6,6349	0,32075	0	0	1
29.08.2019	25,7189	32,7171	0,08499	15,6643	25,8613	0,26624	8,6088	18,5193	0,36723	1,56383	6,6349	0,22987	0	0	1
30.08.2019	25,5643	32,7171	0,08871	15,7623	25,8613	0,25791	8,64181	18,5193	0,36373	1,52626	6,6349	0,24416	0	0	1
31.08.2019	26,0046	32,7171	0,07856	15,9331	25,8613	0,24338	8,64584	18,5193	0,36331	1,60897	6,6349	0,21271	0	0	1
1.09.2019	26,0448	32,7171	0,07769	15,6881	25,8613	0,26422	8,69962	18,5193	0,3576	1,60579	6,6349	0,21392	0	0	1
2.09.2019	25,7885	32,7171	0,0834	15,4982	25,8613	0,28037	8,73387	18,5193	0,35397	1,47701	6,6349	0,26288	0	0	1
3.09.2019	26,0896	32,7171	0,07672	15,097	25,8613	0,31448	8,75785	18,5193	0,35143	1,52525	6,6349	0,24454	0	0	1
4.09.2019	26,3764	32,7171	0,07079	15,1765	25,8613	0,30773	8,75167	18,5193	0,35209	1,57961	6,6349	0,22387	0	0	1
5.09.2019	26,0329	32,7171	0,07795	15,1705	25,8613	0,30823	8,76895	18,5193	0,35025	1,47223	6,6349	0,2647	0	0	1
6.09.2019	26,0983	32,7171	0,07654	15,1895	25,8613	0,30662	8,75846	18,5193	0,35137	1,53123	6,6349	0,24227	0	0	1
7.09.2019	25,9528	32,7171	0,07967	15,5252	25,8613	0,27807	8,81355	18,5193	0,34553	1,51304	6,6349	0,24918	0	0	1
8.09.2019	25,9707	32,7171	0,07929	15,4035	25,8613	0,28842	8,86521	18,5193	0,34005	1,55204	6,6349	0,23435	0	0	1

9.09.2019	26,0655	32,7171	0,07724	15,1565	25,8613	0,30943	8,87143	18,5193	0,33939	1,59189	6,6349	0,2192	0	0	1
10.09.2019	26,1581	32,7171	0,07524	15,1587	25,8613	0,30924	8,8662	18,5193	0,33995	1,63859	6,6349	0,20145	0	0	1
11.09.2019	26,6767	32,7171	0,065	14,7492	25,8613	0,34406	8,88425	18,5193	0,33803	1,75854	6,6349	0,18528	0	0	1
12.09.2019	26,7928	32,7171	0,06293	14,3182	25,8613	0,38071	8,90615	18,5193	0,33571	1,77148	6,6349	0,18364	0	0	1
13.09.2019	26,816	32,7171	0,06251	14,3064	25,8613	0,38172	8,92352	18,5193	0,33387	1,77034	6,6349	0,18378	0	0	1
14.09.2019	26,8419	32,7171	0,06205	14,2555	25,8613	0,38604	8,93939	18,5193	0,33219	1,74138	6,6349	0,18745	0	0	1
15.09.2019	27,0046	32,7171	0,05921	13,9401	25,8613	0,41286	8,94931	18,5193	0,33113	1,81069	6,6349	0,17867	0	0	1
16.09.2019	27,0958	32,7171	0,0577	14,5163	25,8613	0,36387	8,96319	18,5193	0,32966	1,78851	6,6349	0,18148	0	0	1
17.09.2019	27,0202	32,7171	0,05895	14,478	25,8613	0,36713	8,98223	18,5193	0,32764	1,70359	6,6349	0,19224	0	0	1
18.09.2019	26,8469	32,7171	0,06196	14,6132	25,8613	0,35563	9,00412	18,5193	0,32532	1,60797	6,6349	0,21309	0	0	1
19.09.2019	26,6866	32,7171	0,06482	14,6805	25,8613	0,34991	9,01558	18,5193	0,32411	1,69739	6,6349	0,19303	0	0	1
20.09.2019	26,9404	32,7171	0,06029	14,9095	25,8613	0,33043	9,04027	18,5193	0,32149	1,70205	6,6349	0,19244	0	0	1
21.09.2019	27,1783	32,7171	0,05633	15,0434	25,8613	0,31904	9,06324	18,5193	0,31906	1,71018	6,6349	0,19141	0	0	1
22.09.2019	27,0881	32,7171	0,05783	14,9607	25,8613	0,32608	9,06767	18,5193	0,31859	1,80432	6,6349	0,17947	0	0	1
23.09.2019	27,4312	32,7171	0,05236	15,4106	25,8613	0,28782	9,09153	18,5193	0,31606	1,83266	6,6349	0,17588	0	0	1
24.09.2019	27,5752	32,7171	0,05016	16,5494	25,8613	0,19462	9,05515	18,5193	0,31991	1,95233	6,6349	0,16289	0	0	1
25.09.2019	27,7433	32,7171	0,04779	16,3694	25,8613	0,20628	9,08287	18,5193	0,31698	1,98425	6,6349	0,15946	1	0	1
26.09.2019	27,8124	32,7171	0,04683	16,5589	25,8613	0,19414	9,03104	18,5193	0,32247	1,98711	6,6349	0,15915	1	0	1
27.09.2019	27,8645	32,7171	0,0461	16,5604	25,8613	0,19406	9,05348	18,5193	0,32009	1,98997	6,6349	0,15885	1	0	1
28.09.2019	27,8923	32,7171	0,04571	16,5162	25,8613	0,19631	9,06635	18,5193	0,31873	1,99344	6,6349	0,15847	1	0	1
29.09.2019	27,9622	32,7171	0,04476	16,4833	25,8613	0,19797	9,08157	18,5193	0,31711	1,99577	6,6349	0,15822	1	0	1
30.09.2019	27,9706	32,7171	0,04465	16,5022	25,8613	0,19701	9,11246	18,5193	0,31384	2,00022	6,6349	0,15774	1	0	1
1.10.2019	28,0136	32,7171	0,0441	16,3568	25,8613	0,20735	9,14357	18,5193	0,31054	2,00369	6,6349	0,15737	1	0	1
2.10.2019	28,0696	32,7171	0,04339	16,4073	25,8613	0,20306	9,16337	18,5193	0,30844	2,00695	6,6349	0,15702	1	0	1
3.10.2019	28,1249	32,7171	0,04269	16,4073	25,8613	0,20307	9,18486	18,5193	0,30616	2,01128	6,6349	0,15656	1	0	1
4.10.2019	28,1826	32,7171	0,04196	16,4995	25,8613	0,19715	9,2068	18,5193	0,30384	2,01474	6,6349	0,15618	1	0	1
5.10.2019	28,147	32,7171	0,04241	16,5672	25,8613	0,19372	9,21917	18,5193	0,30253	2,01848	6,6349	0,15578	1	0	1
6.10.2019	28,2112	32,7171	0,0416	16,5966	25,8613	0,19223	9,21789	18,5193	0,30266	2,01847	6,6349	0,15578	1	0	1
7.10.2019	28,1616	32,7171	0,04223	16,4721	25,8613	0,19854	9,2646	18,5193	0,29771	2,02514	6,6349	0,15507	1	0	1
8.10.2019	28,2085	32,7171	0,04163	16,3688	25,8613	0,20633	9,29128	18,5193	0,29488	2,02855	6,6349	0,1547	1	0	1
9.10.2019	27,9226	32,7171	0,04528	16,2206	25,8613	0,21894	9,32772	18,5193	0,29102	2,00873	6,6349	0,15683	1	0	1
10.10.2019	27,9337	32,7171	0,04513	16,0834	25,8613	0,23061	9,33823	18,5193	0,2899	2,01977	6,6349	0,15564	1	0	1
11.10.2019	28,2036	32,7171	0,0417	16,1252	25,8613	0,22705	9,35416	18,5193	0,28822	2,04703	6,6349	0,15271	1	0	1
12.10.2019	28,1749	32,7171	0,04206	16,223	25,8613	0,21873	9,36225	18,5193	0,28736	2,0298	6,6349	0,15457	1	0	1
13.10.2019	27,784	32,7171	0,04722	16,0884	25,8613	0,23018	9,36923	18,5193	0,28662	2,01543	6,6349	0,15611	1	0	1
14.10.2019	27,8043	32,7171	0,04694	16,0706	25,8613	0,23169	9,40323	18,5193	0,28301	2,01442	6,6349	0,15622	1	0	1
15.10.2019	27,7954	32,7171	0,04706	16,1178	25,8613	0,22768	9,41025	18,5193	0,28227	2,01622	6,6349	0,15603	1	0	1
16.10.2019	27,9947	32,7171	0,04434	16,3629	25,8613	0,20683	9,42114	18,5193	0,28112	2,03574	6,6349	0,15393	1	0	1
17.10.2019	27,9041	32,7171	0,04554	16,2225	25,8613	0,21878	9,45808	18,5193	0,2772	2,01643	6,6349	0,156	1	0	1
18.10.2019	27,9761	32,7171	0,04458	16,2463	25,8613	0,21675	9,46105	18,5193	0,27688	2,02674	6,6349	0,15489	1	0	1

19.10.2019	28,1362	32,7171	0,04255	16,2967	25,8613	0,21247	9,48769	18,5193	0,27406	2,02725	6,6349	0,15484	1	0	1
20.10.2019	28,3094	32,7171	0,04035	16,3585	25,8613	0,20721	9,52186	18,5193	0,27044	2,00475	6,6349	0,15726	1	0	1
21.10.2019	28,4419	32,7171	0,03882	16,406	25,8613	0,20317	9,56054	18,5193	0,26634	2,00453	6,6349	0,15728	1	0	1
22.10.2019	28,4901	32,7171	0,03827	16,3401	25,8613	0,20877	9,56755	18,5193	0,26559	2,01752	6,6349	0,15588	1	0	1
23.10.2019	28,5129	32,7171	0,03801	16,3692	25,8613	0,2063	9,51963	18,5193	0,27067	2,07489	6,6349	0,14977	1	0	1
24.10.2019	28,5346	32,7171	0,03776	16,2456	25,8613	0,21681	9,56235	18,5193	0,26614	2,06803	6,6349	0,15046	1	0	1
25.10.2019	28,5176	32,7171	0,03796	15,6293	25,8613	0,26922	9,6169	18,5193	0,26036	2,05107	6,6349	0,15228	1	0	1
26.10.2019	28,5802	32,7171	0,03725	15,5738	25,8613	0,27394	9,65823	18,5193	0,25598	2,03389	6,6349	0,15413	1	0	1
27.10.2019	28,5913	32,7171	0,03712	15,2859	25,8613	0,29842	9,69137	18,5193	0,25247	2,02677	6,6349	0,15489	1	0	1
28.10.2019	28,623	32,7171	0,03676	14,6696	25,8613	0,35083	9,71278	18,5193	0,2502	2,0096	6,6349	0,15674	1	0	1
29.10.2019	28,5927	32,7171	0,03711	14,5632	25,8613	0,35988	9,72878	18,5193	0,2485	1,9677	6,6349	0,16124	1	0	1
30.10.2019	28,7094	32,7171	0,03578	14,4479	25,8613	0,36968	9,74742	18,5193	0,24653	2,0346	6,6349	0,15405	1	0	1
31.10.2019	28,8026	32,7171	0,03476	14,5557	25,8613	0,36051	9,77628	18,5193	0,24347	2,02743	6,6349	0,15482	1	0	1
1.11.2019	28,838	32,7171	0,03441	14,4119	25,8613	0,37274	9,79817	18,5193	0,24115	2,03849	6,6349	0,15363	1	0	1
2.11.2019	28,8923	32,7171	0,03387	14,0777	25,8613	0,40117	9,82643	18,5193	0,23815	2,03264	6,6349	0,15426	1	0	1
3.11.2019	28,9422	32,7171	0,03337	14,2644	25,8613	0,38529	9,83774	18,5193	0,23695	2,02303	6,6349	0,15529	1	0	1
4.11.2019	28,9926	32,7171	0,03287	14,5078	25,8613	0,36459	9,85702	18,5193	0,23491	1,96428	6,6349	0,16161	1	0	1
5.11.2019	29,0412	32,7171	0,03239	14,6784	25,8613	0,35009	9,87947	18,5193	0,23253	1,94798	6,6349	0,16336	1	0	1
6.11.2019	29,0932	32,7171	0,03188	15,0176	25,8613	0,32123	9,89306	18,5193	0,23109	1,93023	6,6349	0,16526	1	0	1
7.11.2019	28,926	32,7171	0,03354	15,2868	25,8613	0,29835	9,92956	18,5193	0,22722	1,89813	6,6349	0,16871	1	0	1
8.11.2019	29,1424	32,7171	0,03139	15,4454	25,8613	0,28486	9,89612	18,5193	0,23076	1,97215	6,6349	0,16076	1	0	1
9.11.2019	18,4314	32,7171	0,4951	10,6364	25,8613	0,69381	5,911	18,5193	0,65323	0,16895	6,6349	0,76018	0	0	1
10.11.2019	18,7091	32,7171	0,47451	10,618	25,8613	0,69537	6,33986	18,5193	0,60776	0,3105	6,6349	0,70636	0	0	1
11.11.2019	242,076	32,7171	0,001	16,5608	25,8613	0,19404	9,93624	18,5193	0,22651	1,63073	6,6349	0,20444	1	1	1
12.11.2019	242,469	32,7171	0,001	16,5798	25,8613	0,19308	9,97308	18,5193	0,2226	1,58095	6,6349	0,22336	1	1	1
13.11.2019	242,869	32,7171	0,001	16,5498	25,8613	0,1946	10,0068	18,5193	0,21903	1,55497	6,6349	0,23324	1	1	1
14.11.2019	243,27	32,7171	0,001	16,6094	25,8613	0,19158	10,0367	18,5193	0,21586	1,5564	6,6349	0,2327	1	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
21.05.2018	39,5368	54,6847	0,25423	17,0281	35,4657	0,64932	4,93546	19,9396	0,81553	1,30199	6,6349	0,32942	0	0
22.05.2018	41,2321	54,6847	0,18161	17,9676	35,4657	0,58886	5,59953	19,9396	0,74924	0,9305	6,6349	0,47065	0	0
23.05.2018	43,4534	54,6847	0,12214	20,1248	35,4657	0,45005	7,45217	19,9396	0,56729	0,91141	6,6349	0,47791	0	0
24.05.2018	44,2233	54,6847	0,10575	20,4669	35,4657	0,42803	7,63007	19,9396	0,54982	1,21223	6,6349	0,36354	0	0
25.05.2018	45,221	54,6847	0,08663	21,3195	35,4657	0,37316	8,09452	19,9396	0,50421	1,30384	6,6349	0,32871	0	0
26.05.2018	45,6286	54,6847	0,07977	21,361	35,4657	0,37049	7,85109	19,9396	0,52811	1,30295	6,6349	0,32905	0	0
27.05.2018	44,5442	54,6847	0,09903	21,3607	35,4657	0,37052	7,5694	19,9396	0,55578	1,12761	6,6349	0,39571	0	0
28.05.2018	45,2167	54,6847	0,08671	22,1186	35,4657	0,32175	8,39679	19,9396	0,47452	0,94099	6,6349	0,46666	0	0
29.05.2018	45,7144	54,6847	0,07841	22,1579	35,4657	0,31921	8,06879	19,9396	0,50673	1,20616	6,6349	0,36585	0	0
30.05.2018	46,9954	54,6847	0,06011	22,3796	35,4657	0,30495	8,29119	19,9396	0,48489	1,28054	6,6349	0,33757	0	0
31.05.2018	46,913	54,6847	0,06119	22,0565	35,4657	0,32574	7,74719	19,9396	0,53832	1,1369	6,6349	0,39218	0	0
1.06.2018	46,6472	54,6847	0,06468	21,7797	35,4657	0,34356	7,50421	19,9396	0,56218	1,15606	6,6349	0,3849	0	0
2.06.2018	45,5319	54,6847	0,08137	19,7475	35,4657	0,47433	6,70373	19,9396	0,6408	1,13478	6,6349	0,39299	0	0
3.06.2018	45,6345	54,6847	0,07967	19,7394	35,4657	0,47485	6,56223	19,9396	0,65469	1,2606	6,6349	0,34515	0	0
4.06.2018	46,2493	54,6847	0,07025	19,9929	35,4657	0,45853	7,46937	19,9396	0,5656	1,13504	6,6349	0,39289	0	0
5.06.2018	42,8339	54,6847	0,13713	17,0641	35,4657	0,647	5,59308	19,9396	0,74988	0,86829	6,6349	0,4943	0	0
6.06.2018	39,5958	54,6847	0,25136	14,0804	35,4657	0,83584	3,57349	19,9396	0,93491	0,13519	6,6349	0,77301	0	0
7.06.2018	41,2579	54,6847	0,1808	14,986	35,4657	0,78072	4,16097	19,9396	0,88983	0,26999	6,6349	0,72176	0	0
8.06.2018	42,5818	54,6847	0,14343	15,4022	35,4657	0,75395	4,66489	19,9396	0,84318	0,12911	6,6349	0,77532	0	0
9.06.2018	42,3724	54,6847	0,14866	14,8547	35,4657	0,78918	4,28201	19,9396	0,87934	0,23115	6,6349	0,73653	0	0
10.06.2018	45,3489	54,6847	0,08442	18,5801	35,4657	0,54944	7,71949	19,9396	0,54104	1,08183	6,6349	0,41312	0	0
11.06.2018	43,1802	54,6847	0,12847	17,275	35,4657	0,63343	6,48229	19,9396	0,66255	0,84062	6,6349	0,50482	0	0
12.06.2018	43,8591	54,6847	0,1135	16,9879	35,4657	0,65191	6,22321	19,9396	0,68799	0,2959	6,6349	0,71191	0	0
13.06.2018	42,6483	54,6847	0,14177	17,3303	35,4657	0,62987	6,4017	19,9396	0,67046	0,11992	6,6349	0,77881	0	0
14.06.2018	41,1267	54,6847	0,18496	16,679	35,4657	0,67178	5,8113	19,9396	0,72844	0,14634	6,6349	0,76877	0	0
15.06.2018	41,4904	54,6847	0,17359	17,1043	35,4657	0,64442	5,97809	19,9396	0,71206	0,01372	6,6349	0,9067	0	0
16.06.2018	41,0189	54,6847	0,18837	17,0713	35,4657	0,64654	5,61694	19,9396	0,74753	0,00029	6,6349	0,98538	0	0
17.06.2018	40,5999	54,6847	0,20254	17,0966	35,4657	0,64491	5,28431	19,9396	0,7802	0,07771	6,6349	0,79486	0	0
18.06.2018	39,8502	54,6847	0,23899	16,6619	35,4657	0,67288	4,65851	19,9396	0,84382	0,02526	6,6349	0,87374	0	0
19.06.2018	39,1652	54,6847	0,2723	16,5008	35,4657	0,68325	4,37911	19,9396	0,87057	0,00378	6,6349	0,95089	0	0
20.06.2018	40,1147	54,6847	0,22613	16,9192	35,4657	0,65633	4,61817	19,9396	0,84788	0,02747	6,6349	0,86876	0	0
21.06.2018	40,7564	54,6847	0,19669	16,7528	35,4657	0,66703	4,3228	19,9396	0,87581	0,06248	6,6349	0,80281	0	0
22.06.2018	41,5161	54,6847	0,17285	17,5852	35,4657	0,61347	5,33164	19,9396	0,77555	0,08324	6,6349	0,79276	0	0
23.06.2018	42,0056	54,6847	0,15892	17,8926	35,4657	0,59369	5,44275	19,9396	0,76464	0,00735	6,6349	0,9316	0	0
24.06.2018	41,0162	54,6847	0,18846	17,4246	35,4657	0,6238	5,80416	19,9396	0,72914	0,00918	6,6349	0,92384	0	0
25.06.2018	41,2366	54,6847	0,18147	17,7208	35,4657	0,60474	5,82701	19,9396	0,7269	0,00227	6,6349	0,96191	0	0

26.06.2018	41,4966	54,6847	0,17341	17,3015	35,4657	0,63172	6,06687	19,9396	0,70334	0,03987	6,6349	0,84224	0	0
27.06.2018	41,6976	54,6847	0,16769	17,6105	35,4657	0,61184	6,165	19,9396	0,69371	0,05346	6,6349	0,81755	0	0
28.06.2018	42,2373	54,6847	0,15232	18,7109	35,4657	0,54103	6,21864	19,9396	0,68844	0,04582	6,6349	0,83088	0	0
29.06.2018	41,2284	54,6847	0,18173	18,6737	35,4657	0,54343	6,22181	19,9396	0,68813	0,02346	6,6349	0,87847	0	0
30.06.2018	40,7402	54,6847	0,19721	18,5211	35,4657	0,55325	6,28952	19,9396	0,68148	0,08133	6,6349	0,79349	0	0
1.07.2018	40,1285	54,6847	0,22546	18,5845	35,4657	0,54916	6,40202	19,9396	0,67043	0,12112	6,6349	0,77836	0	0
2.07.2018	41,508	54,6847	0,17309	17,9305	35,4657	0,59125	6,32597	19,9396	0,6779	0,22037	6,6349	0,74063	0	0
3.07.2018	42,5117	54,6847	0,14518	17,973	35,4657	0,58851	6,5183	19,9396	0,65901	0,25573	6,6349	0,72719	0	0
4.07.2018	43,6989	54,6847	0,11692	18,9535	35,4657	0,52542	6,96112	19,9396	0,61552	0,58572	6,6349	0,60173	0	0
5.07.2018	42,4593	54,6847	0,14649	17,3871	35,4657	0,62622	6,85727	19,9396	0,62572	0,56081	6,6349	0,6112	0	0
6.07.2018	41,4279	54,6847	0,17541	16,5653	35,4657	0,6791	6,91582	19,9396	0,61997	0,54077	6,6349	0,61882	0	0
7.07.2018	42,1887	54,6847	0,15371	17,2241	35,4657	0,6367	6,95652	19,9396	0,61597	0,54109	6,6349	0,6187	0	0
8.07.2018	41,5411	54,6847	0,17214	16,4352	35,4657	0,68747	6,92776	19,9396	0,61879	0,53239	6,6349	0,622	0	0
9.07.2018	39,6618	54,6847	0,24816	14,7952	35,4657	0,793	6,8728	19,9396	0,62419	0,53189	6,6349	0,62219	0	0
10.07.2018	35,7623	54,6847	0,43777	12,2977	35,4657	0,92099	5,65227	19,9396	0,74406	0,54636	6,6349	0,61669	0	0
11.07.2018	32,7046	54,6847	0,58646	10,2246	35,4657	0,9767	3,51334	19,9396	0,93879	0,43083	6,6349	0,66061	0	0
12.07.2018	32,4674	54,6847	0,59799	10,079	35,4657	0,97905	3,2192	19,9396	0,95606	0,6383	6,6349	0,58174	0	0
13.07.2018	32,6878	54,6847	0,58728	9,99438	35,4657	0,98035	3,13223	19,9396	0,96058	0,5521	6,6349	0,61451	0	0
14.07.2018	32,9565	54,6847	0,57421	10,1045	35,4657	0,97864	3,13676	19,9396	0,96036	0,56693	6,6349	0,60887	0	0
15.07.2018	35,6013	54,6847	0,4456	12,4054	35,4657	0,91681	5,087	19,9396	0,79958	0,70314	6,6349	0,55709	0	0
16.07.2018	35,7389	54,6847	0,43891	12,4092	35,4657	0,91666	5,25801	19,9396	0,78278	0,71716	6,6349	0,55176	0	0
17.07.2018	36,7766	54,6847	0,38845	13,2115	35,4657	0,88141	5,80872	19,9396	0,7287	0,83138	6,6349	0,50833	0	0
18.07.2018	37,7017	54,6847	0,34347	13,7508	35,4657	0,85414	6,37114	19,9396	0,67346	1,0616	6,6349	0,42081	0	0
19.07.2018	37,5526	54,6847	0,35072	13,3387	35,4657	0,8755	5,90345	19,9396	0,71939	0,94727	6,6349	0,46428	0	0
20.07.2018	37,3415	54,6847	0,36098	13,0753	35,4657	0,88774	5,90328	19,9396	0,71941	1,06438	6,6349	0,41975	0	0
21.07.2018	37,6861	54,6847	0,34423	13,2815	35,4657	0,87816	5,9948	19,9396	0,71042	1,1308	6,6349	0,3945	0	0
22.07.2018	37,7011	54,6847	0,3435	13,2797	35,4657	0,87824	5,97662	19,9396	0,71221	1,14201	6,6349	0,39024	0	0
23.07.2018	38,0396	54,6847	0,32704	13,3386	35,4657	0,87551	6,11045	19,9396	0,69906	1,08812	6,6349	0,41072	0	0
24.07.2018	38,2521	54,6847	0,3167	13,4675	35,4657	0,86887	6,11779	19,9396	0,69834	1,12768	6,6349	0,39568	0	0
25.07.2018	38,8528	54,6847	0,28749	13,6977	35,4657	0,8569	6,23283	19,9396	0,68705	0,89639	6,6349	0,48362	0	0
26.07.2018	39,4419	54,6847	0,25885	14,0845	35,4657	0,83561	6,50932	19,9396	0,65989	0,75267	6,6349	0,53826	0	0
27.07.2018	39,8134	54,6847	0,24078	14,2431	35,4657	0,82663	6,53257	19,9396	0,65761	0,64377	6,6349	0,57966	0	0
28.07.2018	40,2553	54,6847	0,2193	14,3737	35,4657	0,81886	6,60537	19,9396	0,65046	0,51058	6,6349	0,63029	0	0
29.07.2018	40,4976	54,6847	0,20751	14,4773	35,4657	0,81262	6,58308	19,9396	0,65265	0,69579	6,6349	0,55988	0	0
30.07.2018	40,8341	54,6847	0,19423	14,8759	35,4657	0,78781	6,72316	19,9396	0,63889	0,78705	6,6349	0,52519	0	0
31.07.2018	41,0611	54,6847	0,18704	15,154	35,4657	0,76992	6,93955	19,9396	0,61764	0,54554	6,6349	0,617	0	0
1.08.2018	40,6909	54,6847	0,19877	14,8183	35,4657	0,79152	6,54526	19,9396	0,65636	0,56191	6,6349	0,61078	0	0
2.08.2018	41,4427	54,6847	0,17495	15,3375	35,4657	0,75811	7,01163	19,9396	0,61056	0,47459	6,6349	0,64398	0	0
3.08.2018	41,4695	54,6847	0,17418	15,3708	35,4657	0,75597	6,96736	19,9396	0,61491	0,54484	6,6349	0,61727	0	0
4.08.2018	42,3715	54,6847	0,14868	15,5921	35,4657	0,74173	7,12809	19,9396	0,59912	0,55723	6,6349	0,61256	0	0

5.08.2018	42,648	54,6847	0,14177	15,7314	35,4657	0,73276	7,2083	19,9396	0,59124	0,6439	6,6349	0,57961	0	0
6.08.2018	42,8532	54,6847	0,13665	15,861	35,4657	0,72442	7,28263	19,9396	0,58394	0,64417	6,6349	0,57951	0	0
7.08.2018	42,7285	54,6847	0,13976	15,8347	35,4657	0,72612	7,3437	19,9396	0,57795	0,67822	6,6349	0,56656	0	0
8.08.2018	42,632	54,6847	0,14217	15,4161	35,4657	0,75305	7,11316	19,9396	0,60059	0,70504	6,6349	0,55637	0	0
9.08.2018	43,1621	54,6847	0,12893	15,9034	35,4657	0,72169	7,48375	19,9396	0,56419	0,73652	6,6349	0,5444	0	0
10.08.2018	42,8998	54,6847	0,13548	15,4615	35,4657	0,75013	7,42564	19,9396	0,5699	0,81123	6,6349	0,51599	0	0
11.08.2018	43,0275	54,6847	0,13229	15,4201	35,4657	0,75279	7,66834	19,9396	0,54606	0,93789	6,6349	0,46784	0	0
12.08.2018	43,2981	54,6847	0,12553	15,5706	35,4657	0,74311	8,02484	19,9396	0,51105	0,98243	6,6349	0,45091	0	0
13.08.2018	43,0513	54,6847	0,1317	14,9047	35,4657	0,78596	7,5269	19,9396	0,55995	1,46896	6,6349	0,26594	0	0
14.08.2018	42,4902	54,6847	0,14572	14,2271	35,4657	0,82754	6,77846	19,9396	0,63346	1,82499	6,6349	0,17685	0	0
15.08.2018	42,559	54,6847	0,144	14,064	35,4657	0,83677	6,63742	19,9396	0,64731	1,8163	6,6349	0,17795	0	0
16.08.2018	43,3447	54,6847	0,12446	14,6473	35,4657	0,80236	7,03158	19,9396	0,6086	1,74277	6,6349	0,18728	0	0
17.08.2018	45,4749	54,6847	0,08232	16,5519	35,4657	0,67996	8,88792	19,9396	0,42629	1,69505	6,6349	0,19332	0	0
18.08.2018	44,0835	54,6847	0,10873	17,6307	35,4657	0,61054	9,25287	19,9396	0,39044	2,31625	6,6349	0,12831	0	0
19.08.2018	45,412	54,6847	0,08337	17,0061	35,4657	0,65073	9,07894	19,9396	0,40753	2,22989	6,6349	0,13599	0	0
20.08.2018	40,953	54,6847	0,19046	16,5621	35,4657	0,6793	8,76136	19,9396	0,43872	2,31688	6,6349	0,12826	0	0
21.08.2018	42,075	54,6847	0,15694	16,6492	35,4657	0,6737	9,09215	19,9396	0,40623	2,54025	6,6349	0,11174	0	0
22.08.2018	42,7104	54,6847	0,14021	16,508	35,4657	0,68279	8,91636	19,9396	0,42349	2,59343	6,6349	0,10796	0	0
23.08.2018	42,4831	54,6847	0,14589	16,8417	35,4657	0,66131	9,19981	19,9396	0,39566	2,57255	6,6349	0,10944	0	0
24.08.2018	43,4499	54,6847	0,12222	18,1074	35,4657	0,57987	9,62924	19,9396	0,35348	2,75839	6,6349	0,09678	0	0
25.08.2018	44,859	54,6847	0,0931	18,445	35,4657	0,55814	9,80301	19,9396	0,33641	2,81412	6,6349	0,09347	0	0
26.08.2018	44,8159	54,6847	0,09389	18,2636	35,4657	0,56982	9,55996	19,9396	0,36028	2,72032	6,6349	0,0991	0	0
27.08.2018	44,3486	54,6847	0,10308	18,5287	35,4657	0,55276	9,42236	19,9396	0,3738	2,25465	6,6349	0,13379	0	0
28.08.2018	44,7567	54,6847	0,09498	19,0223	35,4657	0,52099	9,92845	19,9396	0,32409	2,30103	6,6349	0,12966	0	0
29.08.2018	44,1303	54,6847	0,10773	18,6228	35,4657	0,5467	9,59644	19,9396	0,3567	2,29161	6,6349	0,1305	0	0
30.08.2018	44,4704	54,6847	0,10049	18,6158	35,4657	0,54715	9,63582	19,9396	0,35283	2,53197	6,6349	0,11232	0	0
31.08.2018	45,1711	54,6847	0,0875	18,8403	35,4657	0,5327	9,50599	19,9396	0,36559	2,57801	6,6349	0,10905	0	0
1.09.2018	45,7946	54,6847	0,07715	19,1201	35,4657	0,5147	9,47424	19,9396	0,3687	2,43509	6,6349	0,11921	0	0
2.09.2018	46,0065	54,6847	0,07387	19,1139	35,4657	0,51509	9,63181	19,9396	0,35323	2,41252	6,6349	0,12081	0	0
3.09.2018	46,1463	54,6847	0,07179	19,092	35,4657	0,51651	9,60884	19,9396	0,35548	2,39894	6,6349	0,12177	0	0
4.09.2018	46,5282	54,6847	0,06633	19,2507	35,4657	0,50629	9,63757	19,9396	0,35266	2,44722	6,6349	0,11834	0	0
5.09.2018	46,0243	54,6847	0,07361	18,5918	35,4657	0,5487	9,47446	19,9396	0,36868	2,62803	6,6349	0,1055	0	0
6.09.2018	45,9496	54,6847	0,07472	18,481	35,4657	0,55582	9,20468	19,9396	0,39518	2,64384	6,6349	0,10438	0	0
7.09.2018	45,8437	54,6847	0,07637	18,5324	35,4657	0,55252	9,19439	19,9396	0,39619	2,78538	6,6349	0,09513	0	0
8.09.2018	44,9256	54,6847	0,09188	18,0463	35,4657	0,5838	9,0341	19,9396	0,41193	2,8233	6,6349	0,09294	0	0
9.09.2018	44,9207	54,6847	0,09197	18,0588	35,4657	0,58299	8,97752	19,9396	0,41749	2,88046	6,6349	0,08967	0	0
10.09.2018	44,4715	54,6847	0,10046	17,8311	35,4657	0,59764	8,68991	19,9396	0,44573	2,78122	6,6349	0,09538	0	0
11.09.2018	44,0747	54,6847	0,10891	17,7861	35,4657	0,60054	8,52193	19,9396	0,46223	2,87463	6,6349	0,08999	0	0
12.09.2018	43,7645	54,6847	0,11552	17,8213	35,4657	0,59827	8,55904	19,9396	0,45859	2,96998	6,6349	0,08483	0	0
13.09.2018	44,7314	54,6847	0,09546	18,2407	35,4657	0,57129	8,81114	19,9396	0,43383	2,8395	6,6349	0,09201	0	0

14.09.2018	44,8772	54,6847	0,09277	18,3295	35,4657	0,56557	8,56239	19,9396	0,45826	2,68585	6,6349	0,1014	0	0
15.09.2018	45,463	54,6847	0,08252	18,6466	35,4657	0,54517	8,92148	19,9396	0,42299	2,70178	6,6349	0,10026	0	0
16.09.2018	45,456	54,6847	0,08263	18,6081	35,4657	0,54765	8,86859	19,9396	0,42818	2,78079	6,6349	0,09541	0	0
17.09.2018	44,9823	54,6847	0,09084	18,4018	35,4657	0,56092	8,65318	19,9396	0,44934	2,98393	6,6349	0,08412	0	0
18.09.2018	45,3085	54,6847	0,0851	18,6064	35,4657	0,54776	8,71371	19,9396	0,4434	2,95602	6,6349	0,08557	0	0
19.09.2018	45,2099	54,6847	0,08683	18,676	35,4657	0,54327	8,84026	19,9396	0,43097	2,95657	6,6349	0,08554	0	0
20.09.2018	45,3623	54,6847	0,0842	18,9144	35,4657	0,52794	8,80101	19,9396	0,43482	2,82598	6,6349	0,09279	0	0
21.09.2018	46,3644	54,6847	0,06863	19,4666	35,4657	0,4924	9,17949	19,9396	0,39765	2,82973	6,6349	0,09257	0	0
22.09.2018	46,6704	54,6847	0,06438	19,4474	35,4657	0,49364	9,15893	19,9396	0,39967	2,84355	6,6349	0,09177	0	0
23.09.2018	46,748	54,6847	0,06336	19,5145	35,4657	0,48932	9,18326	19,9396	0,39728	2,8773	6,6349	0,08984	0	0
24.09.2018	46,5263	54,6847	0,06635	19,3678	35,4657	0,49876	9,12155	19,9396	0,40334	2,88428	6,6349	0,08946	0	0
25.09.2018	45,7689	54,6847	0,07755	19,1312	35,4657	0,51398	8,93157	19,9396	0,422	2,92605	6,6349	0,0872	0	0
26.09.2018	45,8867	54,6847	0,0757	19,2839	35,4657	0,50416	9,0663	19,9396	0,40877	2,96531	6,6349	0,08507	0	0
27.09.2018	45,5836	54,6847	0,0805	19,5936	35,4657	0,48423	9,38962	19,9396	0,37701	2,99968	6,6349	0,08332	0	0
28.09.2018	45,6405	54,6847	0,07958	19,6188	35,4657	0,48261	9,28731	19,9396	0,38706	2,97875	6,6349	0,08438	0	0
29.09.2018	45,9316	54,6847	0,07499	19,8683	35,4657	0,46655	9,48866	19,9396	0,36729	3,06461	6,6349	0,08001	0	0
30.09.2018	46,7174	54,6847	0,06376	20,0344	35,4657	0,45586	9,67368	19,9396	0,34912	3,08195	6,6349	0,07919	0	0
1.10.2018	46,4573	54,6847	0,06732	19,9152	35,4657	0,46353	9,53885	19,9396	0,36236	3,10341	6,6349	0,07817	0	0
2.10.2018	46,476	54,6847	0,06706	20,0169	35,4657	0,45699	9,32794	19,9396	0,38307	2,9231	6,6349	0,08736	0	0
3.10.2018	48,2219	54,6847	0,04622	20,7625	35,4657	0,40901	9,80671	19,9396	0,33605	3,15117	6,6349	0,0759	1	0
4.10.2018	48,3411	54,6847	0,04499	20,7448	35,4657	0,41015	9,80333	19,9396	0,33638	3,16591	6,6349	0,0752	1	0
5.10.2018	47,5809	54,6847	0,05311	21,065	35,4657	0,38955	9,94374	19,9396	0,32259	3,16561	6,6349	0,07521	0	0
6.10.2018	47,4912	54,6847	0,05412	21,2594	35,4657	0,37703	10,0909	19,9396	0,30814	3,30924	6,6349	0,06892	0	0
7.10.2018	48,0869	54,6847	0,04761	21,1116	35,4657	0,38655	9,88563	19,9396	0,3283	3,18584	6,6349	0,0743	1	0
8.10.2018	47,987	54,6847	0,04865	21,1293	35,4657	0,38541	9,84142	19,9396	0,33264	3,16574	6,6349	0,07521	1	0
9.10.2018	47,3723	54,6847	0,0555	21,2872	35,4657	0,37525	9,9368	19,9396	0,32327	3,2515	6,6349	0,0714	0	0
10.10.2018	47,7459	54,6847	0,05125	21,3692	35,4657	0,36997	9,97727	19,9396	0,3193	3,30733	6,6349	0,069	0	0
11.10.2018	48,2602	54,6847	0,04582	21,2405	35,4657	0,37825	9,8439	19,9396	0,3324	3,67234	6,6349	0,05534	1	0
12.10.2018	48,2617	54,6847	0,04581	21,418	35,4657	0,36682	9,92421	19,9396	0,32451	3,63752	6,6349	0,05654	1	0
13.10.2018	48,3651	54,6847	0,04476	21,459	35,4657	0,36419	9,92636	19,9396	0,3243	3,64037	6,6349	0,05644	1	0
14.10.2018	48,3528	54,6847	0,04488	21,5362	35,4657	0,35922	9,9496	19,9396	0,32202	3,68051	6,6349	0,05505	1	0
15.10.2018	48,7868	54,6847	0,04081	21,7421	35,4657	0,34597	10,0768	19,9396	0,30953	3,44809	6,6349	0,06337	1	0
16.10.2018	48,9611	54,6847	0,03926	21,8199	35,4657	0,34097	10,1651	19,9396	0,30085	3,56214	6,6349	0,05914	1	0
17.10.2018	49,269	54,6847	0,03667	21,7851	35,4657	0,3432	10,1141	19,9396	0,30587	3,53645	6,6349	0,06004	1	0
18.10.2018	49,3307	54,6847	0,03615	21,7971	35,4657	0,34243	10,0408	19,9396	0,31306	3,59278	6,6349	0,05809	1	0
19.10.2018	49,5553	54,6847	0,03435	21,9159	35,4657	0,33479	10,0769	19,9396	0,30951	3,59693	6,6349	0,05794	1	0
20.10.2018	49,8324	54,6847	0,0323	22,0202	35,4657	0,32807	10,1748	19,9396	0,2999	3,62653	6,6349	0,05692	1	0
21.10.2018	50,0377	54,6847	0,03078	21,9569	35,4657	0,33215	10,0987	19,9396	0,30738	3,59836	6,6349	0,05789	1	0
22.10.2018	50,2557	54,6847	0,02929	22,0529	35,4657	0,32597	10,1088	19,9396	0,30638	3,60119	6,6349	0,0578	1	0
23.10.2018	50,4386	54,6847	0,02812	22,1	35,4657	0,32294	10,0983	19,9396	0,30741	3,57549	6,6349	0,05868	1	0

24.10.2018	50,7774	54,6847	0,02597	22,3652	35,4657	0,30588	10,2531	19,9396	0,29221	3,68844	6,6349	0,0548	1	0
25.10.2018	51,0294	54,6847	0,02447	22,4135	35,4657	0,30276	10,286	19,9396	0,28898	3,71557	6,6349	0,05395	1	0
26.10.2018	51,2294	54,6847	0,02341	22,4632	35,4657	0,29957	10,2995	19,9396	0,28766	3,70124	6,6349	0,0544	1	0
27.10.2018	51,4135	54,6847	0,02243	22,522	35,4657	0,29579	10,3558	19,9396	0,28212	3,72853	6,6349	0,05354	1	0
28.10.2018	51,5716	54,6847	0,02159	22,5685	35,4657	0,29279	10,3615	19,9396	0,28157	3,73415	6,6349	0,05337	1	0
29.10.2018	51,4436	54,6847	0,02227	22,4086	35,4657	0,30308	10,1975	19,9396	0,29767	3,74039	6,6349	0,05317	1	0
30.10.2018	51,5078	54,6847	0,02193	22,5008	35,4657	0,29715	10,278	19,9396	0,28977	3,77651	6,6349	0,05204	1	0
31.10.2018	51,4417	54,6847	0,02228	22,5094	35,4657	0,2966	10,2591	19,9396	0,29162	3,73237	6,6349	0,05342	1	0
1.11.2018	51,4149	54,6847	0,02242	22,545	35,4657	0,29431	10,2583	19,9396	0,2917	3,67917	6,6349	0,0551	1	0
2.11.2018	51,5191	54,6847	0,02187	22,5397	35,4657	0,29465	10,2932	19,9396	0,28828	3,64969	6,6349	0,05612	1	0
3.11.2018	51,4459	54,6847	0,02226	22,6181	35,4657	0,2896	10,3537	19,9396	0,28233	3,70801	6,6349	0,05419	1	0
4.11.2018	51,6906	54,6847	0,02096	22,8367	35,4657	0,27553	10,4064	19,9396	0,27716	3,67818	6,6349	0,05514	1	0
5.11.2018	51,9606	54,6847	0,01962	22,9666	35,4657	0,26717	10,4869	19,9396	0,26925	3,73442	6,6349	0,05336	1	0
6.11.2018	52,1421	54,6847	0,01886	23,0834	35,4657	0,25966	10,5527	19,9396	0,26279	3,73263	6,6349	0,05342	1	0
7.11.2018	52,6014	54,6847	0,01692	23,2642	35,4657	0,24803	10,5877	19,9396	0,25934	3,7642	6,6349	0,05242	1	0
8.11.2018	53,4243	54,6847	0,01387	23,6733	35,4657	0,2217	10,8702	19,9396	0,23161	3,96285	6,6349	0,04657	1	0
9.11.2018	53,5712	54,6847	0,01342	23,9107	35,4657	0,20642	11,1059	19,9396	0,20846	4,11893	6,6349	0,04248	1	0
10.11.2018	53,3843	54,6847	0,01399	24,0532	35,4657	0,19828	11,1643	19,9396	0,20273	4,16085	6,6349	0,04143	1	0
11.11.2018	53,4005	54,6847	0,01394	24,1316	35,4657	0,19513	11,176	19,9396	0,20157	4,213	6,6349	0,04012	1	0
12.11.2018	53,8498	54,6847	0,01256	24,0711	35,4657	0,19756	11,1249	19,9396	0,20659	4,21252	6,6349	0,04013	1	0
13.11.2018	53,6571	54,6847	0,01315	24,1615	35,4657	0,19393	11,1838	19,9396	0,20081	4,28142	6,6349	0,0386	1	0
14.11.2018	53,7669	54,6847	0,01282	23,5636	35,4657	0,22876	10,8836	19,9396	0,23028	4,42159	6,6349	0,03552	1	0
15.11.2018	53,9797	54,6847	0,01216	23,6081	35,4657	0,22589	10,8468	19,9396	0,2339	4,48598	6,6349	0,03423	1	0
16.11.2018	53,8678	54,6847	0,01251	23,4529	35,4657	0,23588	10,8939	19,9396	0,22928	4,53212	6,6349	0,03335	1	0
17.11.2018	54,0315	54,6847	0,01201	23,3772	35,4657	0,24075	10,7862	19,9396	0,23985	4,56489	6,6349	0,03273	1	0
18.11.2018	54,4916	54,6847	0,01059	23,6996	35,4657	0,22001	10,8964	19,9396	0,22903	4,5695	6,6349	0,03265	1	0
19.11.2018	53,5679	54,6847	0,01343	22,4897	35,4657	0,29786	10,1804	19,9396	0,29935	4,45346	6,6349	0,03484	1	0
20.11.2018	52,7625	54,6847	0,01624	21,6244	35,4657	0,35355	9,42661	19,9396	0,37338	3,93272	6,6349	0,04742	1	0
21.11.2018	53,4914	54,6847	0,01366	22,2371	35,4657	0,31412	9,7536	19,9396	0,34127	4,25637	6,6349	0,03915	1	0
22.11.2018	53,5122	54,6847	0,0136	21,963	35,4657	0,33176	9,56629	19,9396	0,35966	3,92424	6,6349	0,04766	1	0
23.11.2018	53,5687	54,6847	0,01343	21,8083	35,4657	0,34171	9,45968	19,9396	0,37013	3,7256	6,6349	0,05364	1	0
24.11.2018	52,9845	54,6847	0,0153	21,1672	35,4657	0,38297	8,98845	19,9396	0,41641	3,25197	6,6349	0,07137	1	0
25.11.2018	53,1017	54,6847	0,01486	21,1586	35,4657	0,38352	9,07729	19,9396	0,40769	3,29476	6,6349	0,06952	1	0
26.11.2018	52,4759	54,6847	0,01745	20,6034	35,4657	0,41925	8,6365	19,9396	0,45098	3,00015	6,6349	0,08329	1	0
27.11.2018	52,4769	54,6847	0,01744	20,5968	35,4657	0,41967	8,63604	19,9396	0,45102	3,00718	6,6349	0,08294	1	0
28.11.2018	52,959	54,6847	0,01541	21,1887	35,4657	0,38158	9,07567	19,9396	0,40785	3,35733	6,6349	0,06695	1	0
29.11.2018	53,9328	54,6847	0,01231	21,5213	35,4657	0,36018	9,33135	19,9396	0,38274	3,51341	6,6349	0,06091	1	0
30.11.2018	53,6506	54,6847	0,01317	21,365	35,4657	0,37024	9,04677	19,9396	0,41068	3,14671	6,6349	0,07611	1	0
1.12.2018	53,7686	54,6847	0,01281	21,3728	35,4657	0,36974	9,16989	19,9396	0,39859	3,3513	6,6349	0,0672	1	0
2.12.2018	53,7554	54,6847	0,01285	21,3325	35,4657	0,37233	9,09301	19,9396	0,40614	3,28406	6,6349	0,06996	1	0

3.12.2018	53,6697	54,6847	0,01312	21,1891	35,4657	0,38156	8,95804	19,9396	0,4194	3,17191	6,6349	0,07492	1	0
4.12.2018	54,1877	54,6847	0,01153	21,6244	35,4657	0,35355	9,09214	19,9396	0,40623	3,67673	6,6349	0,05519	1	0
5.12.2018	53,9928	54,6847	0,01212	21,5649	35,4657	0,35737	8,93339	19,9396	0,42182	3,75896	6,6349	0,05259	1	0
6.12.2018	53,2487	54,6847	0,01441	20,7882	35,4657	0,40736	8,64635	19,9396	0,45001	3,08396	6,6349	0,07909	1	0
7.12.2018	53,0089	54,6847	0,0152	20,5215	35,4657	0,42452	8,47539	19,9396	0,4668	2,72293	6,6349	0,09894	1	0
8.12.2018	53,1464	54,6847	0,01472	20,6841	35,4657	0,41405	8,48679	19,9396	0,46568	2,79928	6,6349	0,09432	1	0
9.12.2018	53,3898	54,6847	0,01398	20,8506	35,4657	0,40334	8,62897	19,9396	0,45172	2,93039	6,6349	0,08696	1	0
10.12.2018	53,4575	54,6847	0,01377	20,6915	35,4657	0,41358	8,52465	19,9396	0,46196	2,82007	6,6349	0,09313	1	0
11.12.2018	53,8633	54,6847	0,01252	20,9165	35,4657	0,3991	8,56318	19,9396	0,45818	2,90794	6,6349	0,08818	1	0
12.12.2018	54,16	54,6847	0,01161	21,0556	35,4657	0,39015	8,69853	19,9396	0,44489	3,03798	6,6349	0,08137	1	0
13.12.2018	53,9656	54,6847	0,01221	20,7833	35,4657	0,40767	8,58184	19,9396	0,45635	2,78523	6,6349	0,09514	1	0
14.12.2018	54,0801	54,6847	0,01186	20,7448	35,4657	0,41015	8,54097	19,9396	0,46036	2,72792	6,6349	0,09863	1	0
15.12.2018	54,2814	54,6847	0,01124	20,8169	35,4657	0,40551	8,5831	19,9396	0,45622	2,71647	6,6349	0,09933	1	0
16.12.2018	54,3424	54,6847	0,01105	20,7508	35,4657	0,40976	8,59689	19,9396	0,45487	2,79174	6,6349	0,09476	1	0
17.12.2018	54,6845	54,6847	0,01	21,0298	35,4657	0,39181	8,83662	19,9396	0,43132	3,12172	6,6349	0,0773	1	0
18.12.2018	54,8375	54,6847	0,00971	21,2551	35,4657	0,37731	9,01128	19,9396	0,41417	3,44833	6,6349	0,06336	1	1
19.12.2018	54,7084	54,6847	0,00996	21,2009	35,4657	0,3808	9,04061	19,9396	0,41129	3,40426	6,6349	0,06503	1	1
20.12.2018	53,657	54,6847	0,01316	21,1286	35,4657	0,38545	9,19262	19,9396	0,39636	3,65828	6,6349	0,05582	1	0
21.12.2018	53,2331	54,6847	0,01446	20,9699	35,4657	0,39566	8,94642	19,9396	0,42054	3,3842	6,6349	0,06585	1	0
22.12.2018	52,8307	54,6847	0,01595	21,2615	35,4657	0,3769	9,13833	19,9396	0,40169	3,6209	6,6349	0,05711	1	0
23.12.2018	52,9565	54,6847	0,01542	21,222	35,4657	0,37944	9,1939	19,9396	0,39624	3,6989	6,6349	0,05447	1	0
24.12.2018	50,5229	54,6847	0,02759	21,6541	35,4657	0,35163	9,5195	19,9396	0,36426	3,91031	6,6349	0,04806	1	0
25.12.2018	49,8158	54,6847	0,03243	21,4799	35,4657	0,36285	9,36832	19,9396	0,3791	3,54882	6,6349	0,05961	1	0
26.12.2018	45,7354	54,6847	0,07808	21,5966	35,4657	0,35533	9,52751	19,9396	0,36347	3,72167	6,6349	0,05376	0	0
27.12.2018	44,8641	54,6847	0,09301	20,9858	35,4657	0,39464	9,13333	19,9396	0,40218	3,29783	6,6349	0,06939	0	0
28.12.2018	40,6247	54,6847	0,20133	21,0907	35,4657	0,38789	9,33627	19,9396	0,38225	3,78238	6,6349	0,05185	0	0
29.12.2018	39,084	54,6847	0,27625	21,1608	35,4657	0,38338	9,32991	19,9396	0,38288	3,66519	6,6349	0,05558	0	0
30.12.2018	37,7372	54,6847	0,34174	21,0026	35,4657	0,39356	9,35561	19,9396	0,38035	3,73977	6,6349	0,05319	0	0
31.12.2018	39,6125	54,6847	0,25055	20,7502	35,4657	0,4098	8,93826	19,9396	0,42134	3,61086	6,6349	0,05746	0	0
1.01.2019	38,2554	54,6847	0,31654	20,6993	35,4657	0,41308	9,09236	19,9396	0,40621	3,66259	6,6349	0,05567	0	0
2.01.2019	35,8729	54,6847	0,43239	20,8147	35,4657	0,40565	9,43083	19,9396	0,37297	3,84979	6,6349	0,04977	0	0
3.01.2019	36,6469	54,6847	0,39476	20,9153	35,4657	0,39918	9,29449	19,9396	0,38636	3,62719	6,6349	0,0569	0	0
4.01.2019	34,7899	54,6847	0,48506	20,5079	35,4657	0,42539	9,32066	19,9396	0,38379	3,76494	6,6349	0,0524	0	0
5.01.2019	34,8923	54,6847	0,48008	20,5053	35,4657	0,42556	9,26512	19,9396	0,38924	3,69242	6,6349	0,05468	0	0
6.01.2019	33,4528	54,6847	0,55008	19,9579	35,4657	0,46079	9,34714	19,9396	0,38119	3,94429	6,6349	0,0471	0	0
7.01.2019	33,2093	54,6847	0,56192	19,5817	35,4657	0,485	9,13293	19,9396	0,40222	3,78744	6,6349	0,0517	0	0
8.01.2019	33,6274	54,6847	0,54158	20,1768	35,4657	0,4467	9,12648	19,9396	0,40286	3,9413	6,6349	0,04718	0	0
9.01.2019	33,0567	54,6847	0,56934	19,5985	35,4657	0,48391	9,06967	19,9396	0,40844	3,90892	6,6349	0,0481	0	0
10.01.2019	34,7782	54,6847	0,48563	20,1855	35,4657	0,44614	8,76304	19,9396	0,43855	3,38802	6,6349	0,0657	0	0
11.01.2019	35,6878	54,6847	0,44139	20,7012	35,4657	0,41295	8,81427	19,9396	0,43352	3,44003	6,6349	0,06368	0	0

12.01.2019	36,1125	54,6847	0,42074	21,0087	35,4657	0,39316	8,9787	19,9396	0,41737	3,52443	6,6349	0,06049	0	0
13.01.2019	36,4563	54,6847	0,40402	20,9988	35,4657	0,3938	8,98527	19,9396	0,41673	3,40731	6,6349	0,06491	0	0
14.01.2019	36,4899	54,6847	0,40239	21,2298	35,4657	0,37894	9,0531	19,9396	0,41006	3,60392	6,6349	0,0577	0	0
15.01.2019	36,6012	54,6847	0,39698	21,1517	35,4657	0,38397	9,01504	19,9396	0,4138	3,52621	6,6349	0,06042	0	0
16.01.2019	36,7717	54,6847	0,38869	21,308	35,4657	0,37391	8,99482	19,9396	0,41579	3,5832	6,6349	0,05842	0	0
17.01.2019	36,781	54,6847	0,38824	21,3147	35,4657	0,37347	8,95608	19,9396	0,41959	3,62796	6,6349	0,05687	0	0
18.01.2019	36,7462	54,6847	0,38993	21,2249	35,4657	0,37925	8,85615	19,9396	0,42941	3,59789	6,6349	0,05791	0	0
19.01.2019	37,1048	54,6847	0,37249	21,3823	35,4657	0,36912	8,87794	19,9396	0,42727	3,60867	6,6349	0,05754	0	0
20.01.2019	36,4977	54,6847	0,40201	21,1734	35,4657	0,38256	8,9064	19,9396	0,42447	3,61225	6,6349	0,05741	0	0
21.01.2019	36,5758	54,6847	0,39821	21,2047	35,4657	0,38055	8,87698	19,9396	0,42736	3,59132	6,6349	0,05814	0	0
22.01.2019	36,7607	54,6847	0,38922	21,3235	35,4657	0,37291	8,90841	19,9396	0,42427	3,59748	6,6349	0,05792	0	0
23.01.2019	36,285	54,6847	0,41236	21,0939	35,4657	0,38768	8,87086	19,9396	0,42796	3,58636	6,6349	0,05831	0	0
24.01.2019	36,2699	54,6847	0,41309	21,1474	35,4657	0,38424	8,86774	19,9396	0,42827	3,54857	6,6349	0,05961	0	0
25.01.2019	36,593	54,6847	0,39738	21,356	35,4657	0,37082	8,87624	19,9396	0,42743	3,61053	6,6349	0,05747	0	0
26.01.2019	36,7275	54,6847	0,39084	21,3891	35,4657	0,36869	8,79798	19,9396	0,43512	3,63348	6,6349	0,05668	0	0
27.01.2019	36,9324	54,6847	0,38088	21,5135	35,4657	0,36068	8,81589	19,9396	0,43336	3,65767	6,6349	0,05584	0	0
28.01.2019	37,0287	54,6847	0,37619	21,4737	35,4657	0,36324	8,97227	19,9396	0,418	3,5488	6,6349	0,05961	0	0
29.01.2019	37,5315	54,6847	0,35175	21,6257	35,4657	0,35346	8,93263	19,9396	0,4219	3,47324	6,6349	0,06242	0	0
30.01.2019	37,2942	54,6847	0,36328	21,5421	35,4657	0,35884	9,01568	19,9396	0,41374	3,53603	6,6349	0,06005	0	0
31.01.2019	37,3965	54,6847	0,35831	21,6227	35,4657	0,35366	9,00259	19,9396	0,41502	3,53598	6,6349	0,06005	0	0
1.02.2019	37,4564	54,6847	0,3554	21,5941	35,4657	0,3555	8,92163	19,9396	0,42298	3,54457	6,6349	0,05975	0	0
2.02.2019	37,5429	54,6847	0,35119	21,6639	35,4657	0,351	8,89355	19,9396	0,42573	3,58047	6,6349	0,05851	0	0
3.02.2019	37,7008	54,6847	0,34351	21,8157	35,4657	0,34124	9,01239	19,9396	0,41406	3,62966	6,6349	0,05681	0	0
4.02.2019	37,6936	54,6847	0,34386	21,8244	35,4657	0,34068	8,9244	19,9396	0,4227	3,65836	6,6349	0,05582	0	0
5.02.2019	37,6889	54,6847	0,34409	21,8559	35,4657	0,33865	8,75175	19,9396	0,43966	3,65761	6,6349	0,05585	0	0
6.02.2019	37,8129	54,6847	0,33806	21,8909	35,4657	0,3364	8,67749	19,9396	0,44695	3,66167	6,6349	0,05571	0	0
7.02.2019	38,3376	54,6847	0,31255	22,1127	35,4657	0,32212	8,85033	19,9396	0,42998	3,71167	6,6349	0,05407	0	0
8.02.2019	37,509	54,6847	0,35284	21,8145	35,4657	0,34131	8,5045	19,9396	0,46394	3,67775	6,6349	0,05515	0	0
9.02.2019	37,6015	54,6847	0,34834	21,9238	35,4657	0,33428	8,54981	19,9396	0,45949	3,75816	6,6349	0,05261	0	0
10.02.2019	37,2496	54,6847	0,36545	21,743	35,4657	0,34592	8,32555	19,9396	0,48152	3,64447	6,6349	0,0563	0	0
11.02.2019	37,0504	54,6847	0,37514	21,5348	35,4657	0,35931	8,10316	19,9396	0,50336	3,46939	6,6349	0,06257	0	0
12.02.2019	37,2802	54,6847	0,36396	21,7006	35,4657	0,34864	8,20646	19,9396	0,49321	3,5243	6,6349	0,06049	0	0
13.02.2019	37,3492	54,6847	0,36061	22,1421	35,4657	0,32023	8,57521	19,9396	0,457	3,7637	6,6349	0,05244	0	0
14.02.2019	37,1791	54,6847	0,36888	22,2565	35,4657	0,31287	8,65016	19,9396	0,44964	3,81786	6,6349	0,05074	0	0
15.02.2019	36,8404	54,6847	0,38535	21,9633	35,4657	0,33174	8,30091	19,9396	0,48394	3,57245	6,6349	0,05879	0	0
16.02.2019	36,9384	54,6847	0,38058	22,1025	35,4657	0,32278	8,42187	19,9396	0,47206	3,66416	6,6349	0,05562	0	0
17.02.2019	37,0344	54,6847	0,37591	22,1076	35,4657	0,32245	8,43492	19,9396	0,47078	3,69589	6,6349	0,05457	0	0
18.02.2019	36,1797	54,6847	0,41747	21,8709	35,4657	0,33768	8,2192	19,9396	0,49196	3,50803	6,6349	0,06111	0	0
19.02.2019	36,2795	54,6847	0,41262	21,4994	35,4657	0,36159	7,68658	19,9396	0,54427	2,94631	6,6349	0,0861	0	0
20.02.2019	36,6388	54,6847	0,39515	21,3344	35,4657	0,37221	7,57642	19,9396	0,55509	2,79996	6,6349	0,09428	0	0

21.02.2019	35,1709	54,6847	0,46653	21,0791	35,4657	0,38864	8,11312	19,9396	0,50238	3,30568	6,6349	0,06907	0	0
22.02.2019	33,681	54,6847	0,53898	19,5481	35,4657	0,48716	7,83105	19,9396	0,53008	2,92114	6,6349	0,08747	0	0
23.02.2019	32,9797	54,6847	0,57308	18,8279	35,4657	0,5335	7,86585	19,9396	0,52666	2,82121	6,6349	0,09306	0	0
24.02.2019	34,991	54,6847	0,47528	20,7982	35,4657	0,40671	8,37414	19,9396	0,47675	3,62846	6,6349	0,05685	0	0
25.02.2019	34,8327	54,6847	0,48297	20,5861	35,4657	0,42036	8,59742	19,9396	0,45482	3,90141	6,6349	0,04831	0	0
26.02.2019	34,9278	54,6847	0,47835	20,6303	35,4657	0,41752	8,84965	19,9396	0,43004	4,17446	6,6349	0,04109	0	0
27.02.2019	35,3927	54,6847	0,45574	21,0347	35,4657	0,39149	8,61068	19,9396	0,45351	3,892	6,6349	0,04857	0	0
28.02.2019	35,3662	54,6847	0,45703	20,8781	35,4657	0,40157	8,3565	19,9396	0,47848	3,55717	6,6349	0,05932	0	0
1.03.2019	35,2856	54,6847	0,46095	20,5434	35,4657	0,42311	7,77259	19,9396	0,53582	2,83888	6,6349	0,09204	0	0
2.03.2019	35,1693	54,6847	0,46661	20,2981	35,4657	0,43889	7,62211	19,9396	0,5506	2,59844	6,6349	0,1076	0	0
3.03.2019	35,7591	54,6847	0,43793	20,8556	35,4657	0,40302	7,98162	19,9396	0,51529	2,96325	6,6349	0,08518	0	0
4.03.2019	36,1418	54,6847	0,41932	21,1611	35,4657	0,38336	8,03775	19,9396	0,50978	3,03321	6,6349	0,08161	0	0
5.03.2019	34,2803	54,6847	0,50984	19,1622	35,4657	0,51199	6,52047	19,9396	0,6588	1,32788	6,6349	0,31957	0	0
6.03.2019	34,0006	54,6847	0,52344	18,8633	35,4657	0,53122	6,19076	19,9396	0,69118	0,93606	6,6349	0,46854	0	0
7.03.2019	34,1289	54,6847	0,5172	18,9142	35,4657	0,52795	6,14206	19,9396	0,69596	0,78444	6,6349	0,52618	0	0
8.03.2019	35,0404	54,6847	0,47287	19,7941	35,4657	0,47133	6,98445	19,9396	0,61323	1,64991	6,6349	0,19905	0	0
9.03.2019	34,3231	54,6847	0,50775	19,03	35,4657	0,52049	6,81945	19,9396	0,62943	1,39623	6,6349	0,29359	0	0
10.03.2019	34,1569	54,6847	0,51584	18,8281	35,4657	0,53349	7,10283	19,9396	0,6016	1,59112	6,6349	0,21949	0	0
11.03.2019	34,7923	54,6847	0,48494	19,4199	35,4657	0,4954	6,82934	19,9396	0,62846	1,3588	6,6349	0,30782	0	0
12.03.2019	33,877	54,6847	0,52945	18,4592	35,4657	0,55722	6,50657	19,9396	0,66016	0,83738	6,6349	0,50605	0	0
13.03.2019	34,9075	54,6847	0,47934	19,415	35,4657	0,49572	7,11393	19,9396	0,60051	1,34939	6,6349	0,3114	0	0
14.03.2019	34,7408	54,6847	0,48744	19,2651	35,4657	0,50537	6,76546	19,9396	0,63473	1,03128	6,6349	0,43234	0	0
15.03.2019	35,2944	54,6847	0,46053	19,7752	35,4657	0,47254	6,92094	19,9396	0,61946	1,16203	6,6349	0,38263	0	0
16.03.2019	34,8475	54,6847	0,48226	19,0318	35,4657	0,52038	6,38291	19,9396	0,67231	0,59202	6,6349	0,59933	0	0
17.03.2019	35,1874	54,6847	0,46573	19,329	35,4657	0,50125	6,65758	19,9396	0,64533	0,84407	6,6349	0,50351	0	0
18.03.2019	35,794	54,6847	0,43623	19,8798	35,4657	0,46581	6,82602	19,9396	0,62879	0,99265	6,6349	0,44702	0	0
19.03.2019	36,1343	54,6847	0,41968	20,1733	35,4657	0,44692	6,98619	19,9396	0,61306	1,12407	6,6349	0,39706	0	0
20.03.2019	37,1077	54,6847	0,37235	21,1013	35,4657	0,38721	7,35827	19,9396	0,57651	1,45264	6,6349	0,27214	0	0
21.03.2019	37,9143	54,6847	0,33313	21,8671	35,4657	0,33793	7,91998	19,9396	0,52135	2,0425	6,6349	0,1532	0	0
22.03.2019	37,488	54,6847	0,35386	21,3742	35,4657	0,36964	7,50255	19,9396	0,56234	1,59074	6,6349	0,21964	0	0
23.03.2019	37,4256	54,6847	0,35689	21,2223	35,4657	0,37942	7,42775	19,9396	0,56969	1,51067	6,6349	0,25008	0	0
24.03.2019	36,6223	54,6847	0,39595	20,4564	35,4657	0,42871	6,54141	19,9396	0,65674	0,55176	6,6349	0,61464	0	0
25.03.2019	37,4256	54,6847	0,35689	21,233	35,4657	0,37873	6,83123	19,9396	0,62827	0,83137	6,6349	0,50834	0	0
26.03.2019	37,6167	54,6847	0,3476	21,425	35,4657	0,36638	7,10271	19,9396	0,60161	1,1094	6,6349	0,40264	0	0
27.03.2019	37,3779	54,6847	0,35921	21,0457	35,4657	0,39078	6,9641	19,9396	0,61523	0,95312	6,6349	0,46205	0	0
28.03.2019	37,5379	54,6847	0,35143	21,1613	35,4657	0,38335	6,9329	19,9396	0,61829	0,90332	6,6349	0,48098	0	0
29.03.2019	38,2682	54,6847	0,31592	21,9192	35,4657	0,33457	7,19108	19,9396	0,59293	1,1443	6,6349	0,38937	0	0
30.03.2019	38,2496	54,6847	0,31682	21,933	35,4657	0,33369	7,05461	19,9396	0,60634	0,98769	6,6349	0,44891	0	0
31.03.2019	37,8592	54,6847	0,33581	21,5072	35,4657	0,36108	6,6832	19,9396	0,64281	0,59382	6,6349	0,59865	0	0
1.04.2019	37,8311	54,6847	0,33718	21,5407	35,4657	0,35893	6,5985	19,9396	0,65113	0,49784	6,6349	0,63514	0	0

2.04.2019	37,3075	54,6847	0,36264	21,2075	35,4657	0,38038	6,14834	19,9396	0,69534	0,07234	6,6349	0,79691	0	0
3.04.2019	37,4542	54,6847	0,3555	21,0368	35,4657	0,39136	6,32414	19,9396	0,67808	0,22578	6,6349	0,73857	0	0
4.04.2019	36,4925	54,6847	0,40226	20,5191	35,4657	0,42467	6,03644	19,9396	0,70633	0,008	6,6349	0,92876	0	0
5.04.2019	36,302	54,6847	0,41153	20,5505	35,4657	0,42265	6,09157	19,9396	0,70092	8,1E-06	6,6349	0,99868	0	0
6.04.2019	35,1617	54,6847	0,46698	19,518	35,4657	0,48909	6,08401	19,9396	0,70166	3,2E-05	6,6349	0,9977	0	0
7.04.2019	35,0868	54,6847	0,47062	19,7248	35,4657	0,47578	6,19053	19,9396	0,6912	0,00397	6,6349	0,94956	0	0
8.04.2019	33,4021	54,6847	0,55254	18,171	35,4657	0,57577	6,17721	19,9396	0,69251	0,04823	6,6349	0,82628	0	0
9.04.2019	32,1254	54,6847	0,61462	16,8056	35,4657	0,66363	6,02156	19,9396	0,70779	0,00224	6,6349	0,96213	0	0
10.04.2019	32,4839	54,6847	0,59719	17,2213	35,4657	0,63688	6,09445	19,9396	0,70064	0,02063	6,6349	0,88643	0	0
11.04.2019	32,9843	54,6847	0,57286	17,3619	35,4657	0,62784	5,96859	19,9396	0,713	0,1188	6,6349	0,77924	0	0
12.04.2019	33,3908	54,6847	0,55309	17,3441	35,4657	0,62899	5,94214	19,9396	0,71559	0,01031	6,6349	0,91919	0	0
13.04.2019	34,3036	54,6847	0,5087	18,1742	35,4657	0,57557	6,04072	19,9396	0,70591	0,01867	6,6349	0,89193	0	0
14.04.2019	34,6631	54,6847	0,49122	18,3601	35,4657	0,5636	6,05226	19,9396	0,70478	0,01131	6,6349	0,91537	0	0
15.04.2019	34,295	54,6847	0,50912	18,0502	35,4657	0,58354	6,07058	19,9396	0,70298	0,0208	6,6349	0,88597	0	0
16.04.2019	34,273	54,6847	0,51019	18,1042	35,4657	0,58007	6,23524	19,9396	0,68681	0,06519	6,6349	0,79962	0	0
17.04.2019	34,4465	54,6847	0,50176	18,2225	35,4657	0,57246	6,16043	19,9396	0,69415	0,02728	6,6349	0,86919	0	0
18.04.2019	36,3837	54,6847	0,40756	19,6056	35,4657	0,48346	7,02639	19,9396	0,60911	0,71435	6,6349	0,55283	0	0
19.04.2019	38,7305	54,6847	0,29344	21,2656	35,4657	0,37663	8,44624	19,9396	0,46966	1,90523	6,6349	0,16795	0	0
20.04.2019	39,3859	54,6847	0,26157	21,8358	35,4657	0,33994	8,77666	19,9396	0,43721	2,10967	6,6349	0,14668	0	0
21.04.2019	38,0944	54,6847	0,32437	20,5548	35,4657	0,42237	7,9649	19,9396	0,51694	1,4841	6,6349	0,26018	0	0
22.04.2019	37,5976	54,6847	0,34853	19,9358	35,4657	0,4622	7,20855	19,9396	0,59122	0,87758	6,6349	0,49077	0	0
23.04.2019	37,0396	54,6847	0,37566	19,4018	35,4657	0,49657	6,45362	19,9396	0,66536	0,20721	6,6349	0,74563	0	0
24.04.2019	37,0986	54,6847	0,37279	19,4572	35,4657	0,49301	6,53388	19,9396	0,65748	0,38788	6,6349	0,67694	0	0
25.04.2019	36,7855	54,6847	0,38802	19,0886	35,4657	0,51673	6,10657	19,9396	0,69944	0,03039	6,6349	0,86219	0	0
26.04.2019	36,8633	54,6847	0,38423	19,1733	35,4657	0,51127	6,19084	19,9396	0,69117	0,10121	6,6349	0,78593	0	0
27.04.2019	36,9868	54,6847	0,37823	19,1674	35,4657	0,51165	6,13248	19,9396	0,6969	0,02226	6,6349	0,88185	0	0
28.04.2019	36,9798	54,6847	0,37857	19,2141	35,4657	0,50865	6,21045	19,9396	0,68924	0,0777	6,6349	0,79487	0	0
29.04.2019	37,0928	54,6847	0,37307	19,2219	35,4657	0,50814	6,16459	19,9396	0,69375	0,00816	6,6349	0,9281	0	0
30.04.2019	37,1785	54,6847	0,36891	19,2917	35,4657	0,50365	6,19913	19,9396	0,69035	0,00302	6,6349	0,9563	0	0
1.05.2019	37,3492	54,6847	0,36061	19,3124	35,4657	0,50232	6,19728	19,9396	0,69054	0,00094	6,6349	0,97462	0	0
2.05.2019	37,4652	54,6847	0,35497	19,5666	35,4657	0,48597	6,43274	19,9396	0,66741	0,18461	6,6349	0,75422	0	0
3.05.2019	37,6302	54,6847	0,34695	19,6696	35,4657	0,47934	6,50725	19,9396	0,66009	0,20793	6,6349	0,74536	0	0
4.05.2019	37,4999	54,6847	0,35328	19,475	35,4657	0,49186	6,35833	19,9396	0,67472	0,05179	6,6349	0,82028	0	0
5.05.2019	37,5647	54,6847	0,35013	19,5435	35,4657	0,48745	6,35523	19,9396	0,67502	0,04597	6,6349	0,8306	0	0
6.05.2019	37,5933	54,6847	0,34874	19,3526	35,4657	0,49973	6,36283	19,9396	0,67428	0,0108	6,6349	0,91731	0	0
7.05.2019	37,7243	54,6847	0,34237	19,4011	35,4657	0,49662	6,36549	19,9396	0,67402	0,03829	6,6349	0,84525	0	0
8.05.2019	37,6623	54,6847	0,34538	19,3467	35,4657	0,50012	6,39009	19,9396	0,6716	0,06635	6,6349	0,79918	0	0
9.05.2019	37,9166	54,6847	0,33302	19,6475	35,4657	0,48076	6,71265	19,9396	0,63992	0,43214	6,6349	0,66012	0	0
10.05.2019	37,9591	54,6847	0,33095	19,5446	35,4657	0,48738	6,5446	19,9396	0,65643	0,23997	6,6349	0,73318	0	0
11.05.2019	37,8556	54,6847	0,33599	19,3606	35,4657	0,49922	6,43381	19,9396	0,66731	0,01022	6,6349	0,91955	0	0

12.05.2019	37,9826	54,6847	0,32981	19,4736	35,4657	0,49195	6,50157	19,9396	0,66065	0,07309	6,6349	0,79662	0	0
13.05.2019	38,2973	54,6847	0,31451	19,5145	35,4657	0,48932	6,61757	19,9396	0,64926	0,09685	6,6349	0,78759	0	0
14.05.2019	38,2506	54,6847	0,31678	19,4928	35,4657	0,49071	6,7883	19,9396	0,63249	0,16655	6,6349	0,76109	0	0
15.05.2019	39,8802	54,6847	0,23753	21,5637	35,4657	0,35745	9,2659	19,9396	0,38916	1,83476	6,6349	0,17561	0	0
16.05.2019	38,8214	54,6847	0,28902	21,0082	35,4657	0,3932	8,8901	19,9396	0,42607	1,52666	6,6349	0,244	0	0
17.05.2019	39,0922	54,6847	0,27585	20,2072	35,4657	0,44475	7,63952	19,9396	0,54889	0,74996	6,6349	0,53929	0	0
18.05.2019	45,6453	54,6847	0,0795	22,4507	35,4657	0,30037	9,47316	19,9396	0,36881	2,28686	6,6349	0,13092	0	0
19.05.2019	44,127	54,6847	0,1078	23,8709	35,4657	0,20898	10,9939	19,9396	0,21945	3,0152	6,6349	0,08253	0	0
20.05.2019	44,5703	54,6847	0,09853	23,3069	35,4657	0,24528	10,3795	19,9396	0,27979	2,75547	6,6349	0,09695	0	0
21.05.2019	52,8086	54,6847	0,01604	25,3751	35,4657	0,14857	12,0451	19,9396	0,15505	3,8951	6,6349	0,04849	1	0
22.05.2019	50,5013	54,6847	0,02772	23,9198	35,4657	0,20584	10,5052	19,9396	0,26745	2,95296	6,6349	0,08574	1	0
23.05.2019	50,3909	54,6847	0,02843	23,9112	35,4657	0,20639	10,7855	19,9396	0,23992	3,10281	6,6349	0,0782	1	0
24.05.2019	54,7674	54,6847	0,00984	25,842	35,4657	0,13389	12,5433	19,9396	0,13308	4,19177	6,6349	0,04066	1	1
25.05.2019	56,6768	54,6847	0,00626	26,5687	35,4657	0,11321	13,0762	19,9396	0,11267	4,38572	6,6349	0,03631	1	1
26.05.2019	52,4664	54,6847	0,01749	25,7577	35,4657	0,13653	12,3807	19,9396	0,14003	3,77554	6,6349	0,05207	1	0
27.05.2019	51,465	54,6847	0,02216	26,473	35,4657	0,11575	13,2255	19,9396	0,10731	4,02272	6,6349	0,0449	1	0
28.05.2019	49,7793	54,6847	0,0327	25,2302	35,4657	0,15356	12,0052	19,9396	0,15702	3,38091	6,6349	0,06599	1	0
29.05.2019	50,2912	54,6847	0,02906	25,5489	35,4657	0,1431	12,3326	19,9396	0,14208	3,57437	6,6349	0,05872	1	0
30.05.2019	46,9994	54,6847	0,06006	22,9603	35,4657	0,26758	9,90914	19,9396	0,32599	2,14009	6,6349	0,14397	0	0
31.05.2019	47,8488	54,6847	0,05009	24,4004	35,4657	0,18433	11,22	19,9396	0,19844	2,85283	6,6349	0,09124	0	0
1.06.2019	47,8426	54,6847	0,05016	24,5927	35,4657	0,17661	11,6346	19,9396	0,17534	3,10064	6,6349	0,0783	0	0
2.06.2019	47,5588	54,6847	0,05336	25,0579	35,4657	0,15975	12,0478	19,9396	0,15492	3,15777	6,6349	0,07559	0	0
3.06.2019	43,9642	54,6847	0,11127	22,4587	35,4657	0,29986	9,53948	19,9396	0,3623	1,67502	6,6349	0,19586	0	0
4.06.2019	41,7598	54,6847	0,16592	20,7842	35,4657	0,40761	7,98804	19,9396	0,51466	0,62874	6,6349	0,58537	0	0
5.06.2019	43,7842	54,6847	0,1151	21,6752	35,4657	0,35028	8,76133	19,9396	0,43872	1,16973	6,6349	0,3797	0	0
6.06.2019	44,0545	54,6847	0,10934	21,7039	35,4657	0,34843	8,83875	19,9396	0,43112	1,19524	6,6349	0,37	0	0
7.06.2019	44,4001	54,6847	0,10198	22,0671	35,4657	0,32506	8,96174	19,9396	0,41904	1,21644	6,6349	0,36194	0	0
8.06.2019	44,7007	54,6847	0,09604	22,1175	35,4657	0,32181	9,0066	19,9396	0,41463	1,34903	6,6349	0,31153	0	0
9.06.2019	43,9344	54,6847	0,1119	21,0186	35,4657	0,39253	7,86292	19,9396	0,52695	0,55429	6,6349	0,61368	0	0
10.06.2019	44,8697	54,6847	0,09291	21,8008	35,4657	0,34219	8,69992	19,9396	0,44475	1,1152	6,6349	0,40043	0	0
11.06.2019	44,6545	54,6847	0,09692	21,6352	35,4657	0,35285	8,58098	19,9396	0,45643	0,80981	6,6349	0,51653	0	0
12.06.2019	46,6021	54,6847	0,06529	23,568	35,4657	0,22848	10,3198	19,9396	0,28566	1,77816	6,6349	0,18279	0	0
13.06.2019	45,955	54,6847	0,07464	23,4212	35,4657	0,23792	9,82329	19,9396	0,33442	1,65432	6,6349	0,19849	0	0
14.06.2019	44,996	54,6847	0,09059	22,2079	35,4657	0,316	8,22563	19,9396	0,49133	0,39951	6,6349	0,67252	0	0
15.06.2019	44,3215	54,6847	0,10366	22,2679	35,4657	0,31214	7,93814	19,9396	0,51956	0,16714	6,6349	0,76086	0	0
16.06.2019	44,6205	54,6847	0,09757	22,2263	35,4657	0,31481	7,8595	19,9396	0,52729	0,08868	6,6349	0,79069	0	0
17.06.2019	44,9978	54,6847	0,09056	22,7153	35,4657	0,28335	8,36222	19,9396	0,47792	0,4775	6,6349	0,64287	0	0
18.06.2019	42,8923	54,6847	0,13567	22,5385	35,4657	0,29473	8,12088	19,9396	0,50162	0,36852	6,6349	0,6843	0	0
19.06.2019	42,4263	54,6847	0,14731	22,7287	35,4657	0,28248	8,12997	19,9396	0,50072	0,36158	6,6349	0,68694	0	0
20.06.2019	45,0909	54,6847	0,08891	23,9894	35,4657	0,20136	9,386	19,9396	0,37737	1,2201	6,6349	0,36055	0	0

21.06.2019	44,7287	54,6847	0,09551	25,1254	35,4657	0,15732	10,3976	19,9396	0,27802	2,04839	6,6349	0,15257	0	0
22.06.2019	43,2256	54,6847	0,12734	24,1352	35,4657	0,19499	9,33061	19,9396	0,38281	1,2354	6,6349	0,35473	0	0
23.06.2019	43,7883	54,6847	0,11501	23,7972	35,4657	0,21372	9,3226	19,9396	0,3836	1,176	6,6349	0,37732	0	0
24.06.2019	43,4643	54,6847	0,12191	23,8648	35,4657	0,20937	9,4228	19,9396	0,37376	1,18936	6,6349	0,37224	0	0
25.06.2019	43,5945	54,6847	0,11914	23,2136	35,4657	0,25128	8,73616	19,9396	0,44119	0,61236	6,6349	0,5916	0	0
26.06.2019	46,1181	54,6847	0,07221	23,5502	35,4657	0,22962	9,25205	19,9396	0,39052	0,80867	6,6349	0,51697	0	0
27.06.2019	44,8863	54,6847	0,0926	22,6467	35,4657	0,28776	8,53128	19,9396	0,46131	0,36647	6,6349	0,68508	0	0
28.06.2019	45,2048	54,6847	0,08691	22,9682	35,4657	0,26707	8,7163	19,9396	0,44314	0,39485	6,6349	0,67429	0	0
29.06.2019	45,9132	54,6847	0,07528	23,5572	35,4657	0,22917	9,1746	19,9396	0,39813	0,64401	6,6349	0,57957	0	0
30.06.2019	45,0345	54,6847	0,08989	22,6073	35,4657	0,29029	8,25118	19,9396	0,48882	0,05216	6,6349	0,81968	0	0
1.07.2019	45,3915	54,6847	0,08371	22,6999	35,4657	0,28434	8,18755	19,9396	0,49507	0,04022	6,6349	0,84156	0	0
2.07.2019	45,6039	54,6847	0,08016	22,648	35,4657	0,28767	8,10732	19,9396	0,50295	0,00019	6,6349	0,99046	0	0
3.07.2019	46,4082	54,6847	0,06801	22,8136	35,4657	0,27702	8,25149	19,9396	0,48879	0,02362	6,6349	0,87805	0	0
4.07.2019	45,6891	54,6847	0,07881	22,8296	35,4657	0,27599	8,24909	19,9396	0,48903	0,0571	6,6349	0,81161	0	0
5.07.2019	45,8666	54,6847	0,07601	22,86	35,4657	0,27404	8,22356	19,9396	0,49153	0,02241	6,6349	0,88144	0	0
6.07.2019	44,6266	54,6847	0,09746	22,8299	35,4657	0,27597	8,12736	19,9396	0,50098	0,00016	6,6349	0,99207	0	0
7.07.2019	46,8473	54,6847	0,06206	23,096	35,4657	0,25885	8,3676	19,9396	0,47739	0,04671	6,6349	0,82918	0	0
8.07.2019	44,9696	54,6847	0,09108	23,0239	35,4657	0,26349	8,32371	19,9396	0,4817	0,03365	6,6349	0,85485	0	0
9.07.2019	45,0103	54,6847	0,09033	22,9766	35,4657	0,26653	8,24498	19,9396	0,48943	0,00075	6,6349	0,97756	0	0
10.07.2019	45,4839	54,6847	0,08217	22,8124	35,4657	0,2771	8,09813	19,9396	0,50385	0,02637	6,6349	0,87123	0	0
11.07.2019	46,512	54,6847	0,06655	22,9105	35,4657	0,27079	8,09221	19,9396	0,50443	0,1342	6,6349	0,77339	0	0
12.07.2019	45,3877	54,6847	0,08377	22,7649	35,4657	0,28015	8,01919	19,9396	0,5116	0,00498	6,6349	0,94358	0	0
13.07.2019	44,8425	54,6847	0,09341	22,7667	35,4657	0,28004	8,00315	19,9396	0,51318	0,02383	6,6349	0,87744	0	0
14.07.2019	46,4467	54,6847	0,06747	23,061	35,4657	0,2611	8,06801	19,9396	0,50681	0,16205	6,6349	0,7628	0	0
15.07.2019	46,8979	54,6847	0,06139	23,1242	35,4657	0,25703	8,19975	19,9396	0,49387	0,26628	6,6349	0,72317	0	0
16.07.2019	47,6668	54,6847	0,05214	23,6068	35,4657	0,22598	8,5072	19,9396	0,46368	0,70567	6,6349	0,55613	0	0
17.07.2019	46,085	54,6847	0,0727	23,3216	35,4657	0,24433	8,28895	19,9396	0,48511	0,46671	6,6349	0,64697	0	0
18.07.2019	47,3275	54,6847	0,05605	23,461	35,4657	0,23536	8,22227	19,9396	0,49166	0,22155	6,6349	0,74018	0	0
19.07.2019	46,1805	54,6847	0,07128	23,462	35,4657	0,23529	8,30516	19,9396	0,48352	0,28284	6,6349	0,71688	0	0
20.07.2019	46,2889	54,6847	0,06968	23,4233	35,4657	0,23779	8,22236	19,9396	0,49165	0,08128	6,6349	0,79351	0	0
21.07.2019	47,9371	54,6847	0,04917	23,573	35,4657	0,22815	8,26372	19,9396	0,48759	0,06919	6,6349	0,7981	1	0
22.07.2019	47,1963	54,6847	0,05765	23,5547	35,4657	0,22933	8,21657	19,9396	0,49222	0,10692	6,6349	0,78376	0	0
23.07.2019	47,1896	54,6847	0,05773	23,6463	35,4657	0,22343	8,28185	19,9396	0,48581	0,25842	6,6349	0,72616	0	0
24.07.2019	47,5901	54,6847	0,053	23,7652	35,4657	0,21578	8,36712	19,9396	0,47743	0,32249	6,6349	0,7018	0	0
25.07.2019	47,6208	54,6847	0,05266	23,7931	35,4657	0,21399	8,39676	19,9396	0,47452	0,33675	6,6349	0,69638	0	0
26.07.2019	47,7851	54,6847	0,0508	23,9222	35,4657	0,20568	8,45787	19,9396	0,46852	0,34821	6,6349	0,69202	0	0
27.07.2019	49,1177	54,6847	0,03794	24,1375	35,4657	0,1949	8,5569	19,9396	0,4588	0,43906	6,6349	0,65748	1	0
28.07.2019	49,6745	54,6847	0,03347	24,2271	35,4657	0,1913	8,58166	19,9396	0,45636	0,40328	6,6349	0,67109	1	0
29.07.2019	49,4215	54,6847	0,03539	24,1677	35,4657	0,19368	8,87614	19,9396	0,42744	0,64255	6,6349	0,58012	1	0
30.07.2019	49,2664	54,6847	0,03669	24,1742	35,4657	0,19342	8,90158	19,9396	0,42494	0,69366	6,6349	0,56069	1	0

31.07.2019	48,8507	54,6847	0,04021	23,8862	35,4657	0,208	8,846	19,9396	0,4304	0,5964	6,6349	0,59767	1	0
1.08.2019	48,0548	54,6847	0,04795	23,7988	35,4657	0,21362	8,72451	19,9396	0,44233	0,45297	6,6349	0,6522	1	0
2.08.2019	48,6028	54,6847	0,04253	23,9346	35,4657	0,20488	8,85325	19,9396	0,42969	0,56584	6,6349	0,60929	1	0
3.08.2019	48,7058	54,6847	0,04157	23,8832	35,4657	0,20819	8,92356	19,9396	0,42279	0,61143	6,6349	0,59195	1	0
4.08.2019	48,766	54,6847	0,041	23,7623	35,4657	0,21597	9,00751	19,9396	0,41454	0,67405	6,6349	0,56815	1	0
5.08.2019	48,6388	54,6847	0,0422	23,7198	35,4657	0,2187	8,97337	19,9396	0,41789	0,6214	6,6349	0,58816	1	0
6.08.2019	48,9143	54,6847	0,03965	23,9133	35,4657	0,20626	9,0014	19,9396	0,41514	0,63763	6,6349	0,58199	1	0
7.08.2019	47,727	54,6847	0,05146	23,422	35,4657	0,23787	8,76029	19,9396	0,43882	0,37719	6,6349	0,68101	0	0
8.08.2019	46,731	54,6847	0,06358	23,1953	35,4657	0,25246	8,58791	19,9396	0,45575	0,18646	6,6349	0,75352	0	0
9.08.2019	47,4382	54,6847	0,05472	23,3508	35,4657	0,24245	8,76678	19,9396	0,43818	0,35918	6,6349	0,68785	0	0
10.08.2019	47,8342	54,6847	0,05025	23,6147	35,4657	0,22547	8,76554	19,9396	0,4383	0,35742	6,6349	0,68852	0	0
11.08.2019	47,5419	54,6847	0,05355	23,5305	35,4657	0,23089	8,76189	19,9396	0,43866	0,31969	6,6349	0,70287	0	0
12.08.2019	47,4777	54,6847	0,05427	23,5438	35,4657	0,23003	8,785	19,9396	0,43639	0,32488	6,6349	0,70089	0	0
13.08.2019	47,9218	54,6847	0,04932	23,732	35,4657	0,21792	8,88852	19,9396	0,42623	0,4197	6,6349	0,66485	1	0
14.08.2019	49,2251	54,6847	0,03704	24,235	35,4657	0,19098	9,18034	19,9396	0,39757	0,72897	6,6349	0,54727	1	0
15.08.2019	48,9781	54,6847	0,03912	24,1185	35,4657	0,19566	9,05683	19,9396	0,4097	0,57893	6,6349	0,60431	1	0
16.08.2019	49,2219	54,6847	0,03707	24,2813	35,4657	0,18912	9,13029	19,9396	0,40248	0,63507	6,6349	0,58297	1	0
17.08.2019	49,3103	54,6847	0,03632	24,2791	35,4657	0,18921	9,20375	19,9396	0,39527	0,68121	6,6349	0,56542	1	0
18.08.2019	49,1943	54,6847	0,0373	24,2285	35,4657	0,19124	9,15631	19,9396	0,39993	0,61593	6,6349	0,59024	1	0
19.08.2019	48,7415	54,6847	0,04123	24,1095	35,4657	0,19602	9,09193	19,9396	0,40625	0,52772	6,6349	0,62378	1	0
20.08.2019	48,9354	54,6847	0,03948	24,281	35,4657	0,18913	9,20019	19,9396	0,39562	0,63215	6,6349	0,58408	1	0
21.08.2019	49,6598	54,6847	0,03358	24,62	35,4657	0,17551	9,37516	19,9396	0,37843	0,79558	6,6349	0,52194	1	0
22.08.2019	49,5765	54,6847	0,0342	24,6563	35,4657	0,17416	9,39796	19,9396	0,37619	0,79939	6,6349	0,5205	1	0
23.08.2019	49,8365	54,6847	0,03227	24,7843	35,4657	0,16956	9,40537	19,9396	0,37547	0,77863	6,6349	0,52839	1	0
24.08.2019	50,14	54,6847	0,03003	24,8993	35,4657	0,16543	9,5136	19,9396	0,36484	0,87826	6,6349	0,49051	1	0
25.08.2019	50,4126	54,6847	0,02829	25,0989	35,4657	0,15827	9,55162	19,9396	0,3611	0,90747	6,6349	0,47941	1	0
26.08.2019	50,5923	54,6847	0,02714	25,118	35,4657	0,15759	9,57215	19,9396	0,35909	0,89728	6,6349	0,48328	1	0
27.08.2019	50,7135	54,6847	0,02637	25,1994	35,4657	0,15467	9,63717	19,9396	0,3527	0,96407	6,6349	0,45789	1	0
28.08.2019	50,8699	54,6847	0,02538	25,437	35,4657	0,14662	9,93987	19,9396	0,32297	1,3248	6,6349	0,32075	1	0
29.08.2019	51,5559	54,6847	0,02167	25,8369	35,4657	0,13404	10,1726	19,9396	0,30011	1,56383	6,6349	0,22987	1	0
30.08.2019	51,4946	54,6847	0,022	25,9303	35,4657	0,13111	10,1681	19,9396	0,30056	1,52626	6,6349	0,24416	1	0
31.08.2019	52,1926	54,6847	0,01864	26,188	35,4657	0,12332	10,2548	19,9396	0,29204	1,60897	6,6349	0,21271	1	0
1.09.2019	52,0383	54,6847	0,0193	25,9935	35,4657	0,12912	10,3054	19,9396	0,28707	1,60579	6,6349	0,21392	1	0
2.09.2019	51,4976	54,6847	0,02198	25,7091	35,4657	0,13806	10,2109	19,9396	0,29636	1,47701	6,6349	0,26288	1	0
3.09.2019	51,4697	54,6847	0,02213	25,3801	35,4657	0,14841	10,2831	19,9396	0,28926	1,52525	6,6349	0,24454	1	0
4.09.2019	51,8842	54,6847	0,01995	25,5078	35,4657	0,14439	10,3313	19,9396	0,28453	1,57961	6,6349	0,22387	1	0
5.09.2019	51,4447	54,6847	0,02226	25,4117	35,4657	0,14741	10,2412	19,9396	0,29338	1,47223	6,6349	0,2647	1	0
6.09.2019	51,5775	54,6847	0,02156	25,4792	35,4657	0,14529	10,2897	19,9396	0,28862	1,53123	6,6349	0,24227	1	0
7.09.2019	51,8046	54,6847	0,02035	25,8518	35,4657	0,13357	10,3266	19,9396	0,28499	1,51304	6,6349	0,24918	1	0
8.09.2019	51,7914	54,6847	0,02042	25,8207	35,4657	0,13455	10,4173	19,9396	0,27609	1,55204	6,6349	0,23435	1	0

9.09.2019	51,6852	54,6847	0,02099	25,6198	35,4657	0,14087	10,4633	19,9396	0,27156	1,59189	6,6349	0,2192	1	0
10.09.2019	51,8216	54,6847	0,02026	25,6634	35,4657	0,1395	10,5048	19,9396	0,26749	1,63859	6,6349	0,20145	1	0
11.09.2019	52,0688	54,6847	0,01917	25,392	35,4657	0,14803	10,6428	19,9396	0,25394	1,75854	6,6349	0,18528	1	0
12.09.2019	51,7886	54,6847	0,02044	24,9959	35,4657	0,16197	10,6776	19,9396	0,25052	1,77148	6,6349	0,18364	1	0
13.09.2019	51,8162	54,6847	0,02029	25,0002	35,4657	0,16181	10,6939	19,9396	0,24892	1,77034	6,6349	0,18378	1	0
14.09.2019	51,7782	54,6847	0,02049	24,9363	35,4657	0,16411	10,6808	19,9396	0,25021	1,74138	6,6349	0,18745	1	0
15.09.2019	51,7048	54,6847	0,02088	24,7001	35,4657	0,17258	10,76	19,9396	0,24243	1,81069	6,6349	0,17867	1	0
16.09.2019	52,3638	54,6847	0,01792	25,268	35,4657	0,15221	10,7517	19,9396	0,24324	1,78851	6,6349	0,18148	1	0
17.09.2019	52,184	54,6847	0,01868	25,1638	35,4657	0,15594	10,6858	19,9396	0,24971	1,70359	6,6349	0,19224	1	0
18.09.2019	52,0722	54,6847	0,01915	25,2253	35,4657	0,15374	10,6121	19,9396	0,25695	1,60797	6,6349	0,21309	1	0
19.09.2019	52,0801	54,6847	0,01912	25,3935	35,4657	0,14799	10,713	19,9396	0,24705	1,69739	6,6349	0,19303	1	0
20.09.2019	52,5923	54,6847	0,01696	25,6519	35,4657	0,13986	10,7423	19,9396	0,24416	1,70205	6,6349	0,19244	1	0
21.09.2019	52,9951	54,6847	0,01526	25,8168	35,4657	0,13468	10,7734	19,9396	0,24111	1,71018	6,6349	0,19141	1	0
22.09.2019	52,9208	54,6847	0,01557	25,8326	35,4657	0,13418	10,872	19,9396	0,23143	1,80432	6,6349	0,17947	1	0
23.09.2019	53,7659	54,6847	0,01282	26,3348	35,4657	0,11942	10,9242	19,9396	0,2263	1,83266	6,6349	0,17588	1	0
24.09.2019	55,1321	54,6847	0,00916	27,5569	35,4657	0,08872	11,0075	19,9396	0,21812	1,95233	6,6349	0,16289	1	1
25.09.2019	55,1798	54,6847	0,00907	27,4365	35,4657	0,09139	11,0671	19,9396	0,21227	1,98425	6,6349	0,15946	1	1
26.09.2019	55,3894	54,6847	0,00868	27,5771	35,4657	0,08829	11,0182	19,9396	0,21707	1,98711	6,6349	0,15915	1	1
27.09.2019	55,4683	54,6847	0,00853	27,6039	35,4657	0,08771	11,0435	19,9396	0,21459	1,98997	6,6349	0,15885	1	1
28.09.2019	55,4683	54,6847	0,00853	27,576	35,4657	0,08831	11,0598	19,9396	0,21298	1,99344	6,6349	0,15847	1	1
29.09.2019	55,5229	54,6847	0,00843	27,5607	35,4657	0,08864	11,0773	19,9396	0,21126	1,99577	6,6349	0,15822	1	1
30.09.2019	55,5855	54,6847	0,00831	27,6149	35,4657	0,08747	11,1127	19,9396	0,20779	2,00022	6,6349	0,15774	1	1
1.10.2019	55,5177	54,6847	0,00844	27,5041	35,4657	0,08987	11,1473	19,9396	0,20439	2,00369	6,6349	0,15737	1	1
2.10.2019	55,6473	54,6847	0,0082	27,5776	35,4657	0,08827	11,1703	19,9396	0,20213	2,00695	6,6349	0,15702	1	1
3.10.2019	55,7283	54,6847	0,00804	27,6034	35,4657	0,08772	11,1961	19,9396	0,19977	2,01128	6,6349	0,15656	1	1
4.10.2019	55,9037	54,6847	0,00771	27,7211	35,4657	0,08517	11,2215	19,9396	0,19835	2,01474	6,6349	0,15618	1	1
5.10.2019	55,9518	54,6847	0,00762	27,8048	35,4657	0,08343	11,2377	19,9396	0,19746	2,01848	6,6349	0,15578	1	1
6.10.2019	56,0442	54,6847	0,00745	27,8329	35,4657	0,08285	11,2364	19,9396	0,19753	2,01847	6,6349	0,15578	1	1
7.10.2019	55,9234	54,6847	0,00768	27,7618	35,4657	0,08432	11,2897	19,9396	0,19455	2,02514	6,6349	0,15507	1	1
8.10.2019	55,8972	54,6847	0,00773	27,6887	35,4657	0,08587	11,3198	19,9396	0,19288	2,02855	6,6349	0,1547	1	1
9.10.2019	55,4797	54,6847	0,00851	27,5571	35,4657	0,08872	11,3365	19,9396	0,19195	2,00873	6,6349	0,15683	1	1
10.10.2019	55,3751	54,6847	0,00871	27,4414	35,4657	0,09128	11,358	19,9396	0,19075	2,01977	6,6349	0,15564	1	1
11.10.2019	55,73	54,6847	0,00804	27,5264	35,4657	0,08938	11,4012	19,9396	0,18834	2,04703	6,6349	0,15271	1	1
12.10.2019	55,79	54,6847	0,00793	27,6151	35,4657	0,08746	11,3921	19,9396	0,18885	2,0298	6,6349	0,15457	1	1
13.10.2019	55,2571	54,6847	0,00893	27,4731	35,4657	0,09056	11,3847	19,9396	0,18927	2,01543	6,6349	0,15611	1	1
14.10.2019	55,2925	54,6847	0,00886	27,4883	35,4657	0,09022	11,4177	19,9396	0,18743	2,01442	6,6349	0,15622	1	1
15.10.2019	55,3396	54,6847	0,00877	27,5442	35,4657	0,089	11,4265	19,9396	0,18694	2,01622	6,6349	0,15603	1	1
16.10.2019	55,8145	54,6847	0,00788	27,8198	35,4657	0,08312	11,4569	19,9396	0,18524	2,03574	6,6349	0,15393	1	1
17.10.2019	55,6011	54,6847	0,00828	27,697	35,4657	0,08569	11,4745	19,9396	0,18426	2,01643	6,6349	0,156	1	1
18.10.2019	55,7101	54,6847	0,00808	27,7341	35,4657	0,08489	11,4878	19,9396	0,18352	2,02674	6,6349	0,15489	1	1

18.10.2019	55,7101	54,6847	0,00808	27,7341	35,4657	0,08489	11,4878	19,9396	0,18352	2,02674	6,6349	0,15489	1	1
19.10.2019	55,9478	54,6847	0,00763	27,8116	35,4657	0,08329	11,5149	19,9396	0,18201	2,02725	6,6349	0,15484	1	1
20.10.2019	56,1945	54,6847	0,00717	27,8851	35,4657	0,08178	11,5266	19,9396	0,18136	2,00475	6,6349	0,15726	1	1
21.10.2019	56,4129	54,6847	0,00676	27,9711	35,4657	0,08	11,5651	19,9396	0,17921	2,00453	6,6349	0,15728	1	1
22.10.2019	56,4153	54,6847	0,00675	27,9252	35,4657	0,08095	11,5851	19,9396	0,1781	2,01752	6,6349	0,15588	1	1
23.10.2019	56,4767	54,6847	0,00664	27,9637	35,4657	0,08015	11,5945	19,9396	0,17757	2,07489	6,6349	0,14977	1	1
24.10.2019	56,4105	54,6847	0,00676	27,876	35,4657	0,08196	11,6304	19,9396	0,17557	2,06803	6,6349	0,15046	1	1
25.10.2019	55,8149	54,6847	0,00788	27,2973	35,4657	0,09455	11,668	19,9396	0,17365	2,05107	6,6349	0,15228	1	1
26.10.2019	55,8461	54,6847	0,00782	27,2659	35,4657	0,09527	11,6921	19,9396	0,17246	2,03389	6,6349	0,15413	1	1
27.10.2019	55,5954	54,6847	0,00829	27,0041	35,4657	0,10164	11,7181	19,9396	0,17118	2,02677	6,6349	0,15489	1	1
28.10.2019	55,0149	54,6847	0,00938	26,392	35,4657	0,1179	11,7224	19,9396	0,17097	2,0096	6,6349	0,15674	1	1
29.10.2019	54,8524	54,6847	0,00969	26,2597	35,4657	0,12141	11,6965	19,9396	0,17225	1,9677	6,6349	0,16124	1	1
30.10.2019	54,9393	54,6847	0,00952	26,2299	35,4657	0,1222	11,782	19,9396	0,16803	2,0346	6,6349	0,15405	1	1
31.10.2019	55,162	54,6847	0,0091	26,3594	35,4657	0,11876	11,8037	19,9396	0,16696	2,02743	6,6349	0,15482	1	1
1.11.2019	55,0866	54,6847	0,00925	26,2486	35,4657	0,12171	11,8367	19,9396	0,16533	2,03849	6,6349	0,15363	1	1
2.11.2019	54,8291	54,6847	0,00973	25,9367	35,4657	0,1309	11,8591	19,9396	0,16423	2,03264	6,6349	0,15426	1	1
3.11.2019	55,0673	54,6847	0,00928	26,1251	35,4657	0,12498	11,8608	19,9396	0,16414	2,02303	6,6349	0,15529	1	1
4.11.2019	55,3217	54,6847	0,00881	26,3291	35,4657	0,11957	11,8213	19,9396	0,16609	1,96428	6,6349	0,16161	1	1
5.11.2019	55,547	54,6847	0,00838	26,5058	35,4657	0,11487	11,8275	19,9396	0,16579	1,94798	6,6349	0,16336	1	1
6.11.2019	55,9341	54,6847	0,00766	26,8409	35,4657	0,10598	11,8233	19,9396	0,16599	1,93023	6,6349	0,16526	1	1
7.11.2019	56,0405	54,6847	0,00746	27,1145	35,4657	0,09885	11,8277	19,9396	0,16577	1,89813	6,6349	0,16871	1	1
8.11.2019	56,4561	54,6847	0,00668	27,3137	35,4657	0,09418	11,8683	19,9396	0,16377	1,97215	6,6349	0,16076	1	1
9.11.2019	35,1478	54,6847	0,46766	16,7163	35,4657	0,66938	6,07994	19,9396	0,70206	0,16895	6,6349	0,76018	0	0
10.11.2019	35,9775	54,6847	0,42731	17,2684	35,4657	0,63386	6,65037	19,9396	0,64604	0,3105	6,6349	0,70636	0	0
11.11.2019	270,203	54,6847	0,001	28,1278	35,4657	0,07696	11,567	19,9396	0,17911	1,63073	6,6349	0,20444	1	1
12.11.2019	270,603	54,6847	0,001	28,1338	35,4657	0,07684	11,554	19,9396	0,17983	1,58095	6,6349	0,22336	1	1
13.11.2019	270,981	54,6847	0,001	28,1115	35,4657	0,07727	11,5618	19,9396	0,1794	1,55497	6,6349	0,23324	1	1
14.11.2019	271,472	54,6847	0,001	28,2025	35,4657	0,07551	11,5931	19,9396	0,17765	1,5564	6,6349	0,2327	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test															
Maximum Eigen Value Test Stat															
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
21.05.2018	22,5125	37,4853	0,48792	17,7533	30,8346	0,43627	10,8836	23,9774	0,56095	1,30802	16,5569	0,9953	0	0	1
22.05.2018	23,2665	37,4853	0,43573	18,2193	30,8346	0,40025	11,5102	23,9774	0,5044	1,13472	16,5569	0,99745	0	0	1
23.05.2018	23,3339	37,4853	0,43106	18,9297	30,8346	0,34534	12,4425	23,9774	0,42026	1,1615	16,5569	0,99712	0	0	1
24.05.2018	23,7581	37,4853	0,4017	19,2866	30,8346	0,31776	12,6233	23,9774	0,40395	1,26687	16,5569	0,99581	0	0	1
25.05.2018	23,974	37,4853	0,38676	18,9404	30,8346	0,34451	12,8968	23,9774	0,37927	1,33113	16,5569	0,99501	0	0	1
26.05.2018	24,4627	37,4853	0,35292	19,0618	30,8346	0,33513	13,1986	23,9774	0,35204	1,34721	16,5569	0,99462	0	0	1
27.05.2018	24,1199	37,4853	0,37665	18,6532	30,8346	0,36671	13,4895	23,9774	0,32578	1,29126	16,5569	0,99551	0	0	1
28.05.2018	24,8003	37,4853	0,32955	17,5631	30,8346	0,45096	13,09	23,9774	0,36184	1,2926	16,5569	0,99549	0	0	1
29.05.2018	25,2357	37,4853	0,29941	18,0257	30,8346	0,41521	13,5945	23,9774	0,31631	1,35712	16,5569	0,99438	0	0	1
30.05.2018	25,7104	37,4853	0,26654	18,2351	30,8346	0,39903	13,471	23,9774	0,32745	1,40422	16,5569	0,9932	0	0	1
31.05.2018	25,4787	37,4853	0,28259	18,1917	30,8346	0,40238	13,9973	23,9774	0,27996	1,38522	16,5569	0,99367	0	0	1
1.06.2018	25,2273	37,4853	0,29999	18,3443	30,8346	0,39059	14,0102	23,9774	0,27879	1,41296	16,5569	0,99298	0	0	1
2.06.2018	26,2607	37,4853	0,22845	18,5477	30,8346	0,37486	12,5445	23,9774	0,41107	1,44135	16,5569	0,99227	0	0	1
3.06.2018	26,2403	37,4853	0,22986	18,8172	30,8346	0,35404	12,6206	23,9774	0,40419	1,49881	16,5569	0,99083	0	0	1
4.06.2018	26,5512	37,4853	0,20834	18,6602	30,8346	0,36617	12,295	23,9774	0,43358	1,47289	16,5569	0,99148	0	0	1
5.06.2018	26,0228	37,4853	0,24492	19,1459	30,8346	0,32863	10,4684	23,9774	0,59842	1,48967	16,5569	0,99106	0	0	1
6.06.2018	25,7753	37,4853	0,26205	19,6111	30,8346	0,29268	8,38433	23,9774	0,7865	1,60788	16,5569	0,98734	0	0	1
7.06.2018	26,4624	37,4853	0,21449	19,9833	30,8346	0,2639	9,113	23,9774	0,72074	1,60135	16,5569	0,98757	0	0	1
8.06.2018	27,213	37,4853	0,17681	21,3503	30,8346	0,17472	8,08504	23,9774	0,81367	1,92228	16,5569	0,97315	0	0	1
9.06.2018	27,541	37,4853	0,16406	21,1688	30,8346	0,18319	8,43584	23,9774	0,78185	1,68019	16,5569	0,98476	0	0	1
10.06.2018	26,8208	37,4853	0,19361	21,3796	30,8346	0,1735	10,2069	23,9774	0,62202	1,61391	16,5569	0,98713	0	0	1
11.06.2018	25,9516	37,4853	0,24985	21,7593	30,8346	0,15764	9,60388	23,9774	0,67644	1,62433	16,5569	0,98677	0	0	1
12.06.2018	27,2026	37,4853	0,17725	21,1286	30,8346	0,18508	9,5633	23,9774	0,6801	1,8319	16,5569	0,9779	0	0	1
13.06.2018	25,6655	37,4853	0,26965	21,4941	30,8346	0,16872	9,96758	23,9774	0,64362	2,07063	16,5569	0,96416	0	0	1
14.06.2018	24,4745	37,4853	0,3521	21,6473	30,8346	0,16232	10,207	23,9774	0,62201	1,91649	16,5569	0,97347	0	0	1
15.06.2018	24,4057	37,4853	0,35686	21,9307	30,8346	0,15049	10,3136	23,9774	0,61239	2,20055	16,5569	0,95506	0	0	1
16.06.2018	24,0566	37,4853	0,38104	21,5215	30,8346	0,16757	10,381	23,9774	0,60631	2,28395	16,5569	0,94859	0	0	1
17.06.2018	24,117	37,4853	0,37685	20,367	30,8346	0,23425	10,1979	23,9774	0,62283	2,49573	16,5569	0,93029	0	0	1
18.06.2018	24,2967	37,4853	0,36441	19,6571	30,8346	0,28912	10,0449	23,9774	0,63664	2,20714	16,5569	0,95456	0	0	1
19.06.2018	24,5202	37,4853	0,34894	18,9662	30,8346	0,34252	10,1831	23,9774	0,62417	1,97985	16,5569	0,96988	0	0	1
20.06.2018	24,8726	37,4853	0,32454	18,888	30,8346	0,34857	10,9345	23,9774	0,55635	1,95667	16,5569	0,9712	0	0	1
21.06.2018	25,5061	37,4853	0,28069	18,1442	30,8346	0,40605	10,5135	23,9774	0,59435	2,19657	16,5569	0,95535	0	0	1
22.06.2018	25,8616	37,4853	0,25608	18,1995	30,8346	0,40178	11,0358	23,9774	0,54722	2,61677	16,5569	0,91859	0	0	1
23.06.2018	26,2142	37,4853	0,23167	18,9943	30,8346	0,34034	11,1852	23,9774	0,53373	2,48866	16,5569	0,93094	0	0	1
24.06.2018	26,2074	37,4853	0,23214	18,9275	30,8346	0,34551	10,7334	23,9774	0,5745	2,45045	16,5569	0,93446	0	0	1
25.06.2018	26,3644	37,4853	0,22128	18,8847	30,8346	0,34882	10,9706	23,9774	0,5531	2,50876	16,5569	0,92907	0	0	1

26.06.2018	26,5633	37,4853	0,2075	19,6015	30,8346	0,29342	10,1509	23,9774	0,62707	2,48226	16,5569	0,93153	0	0	1
27.06.2018	26,3748	37,4853	0,22055	19,8703	30,8346	0,27264	10,2546	23,9774	0,61771	2,49747	16,5569	0,93013	0	0	1
28.06.2018	25,1704	37,4853	0,30393	20,2427	30,8346	0,24386	10,8068	23,9774	0,56788	2,60825	16,5569	0,91944	0	0	1
29.06.2018	24,8481	37,4853	0,32624	19,8771	30,8346	0,27211	11,2467	23,9774	0,52818	2,57273	16,5569	0,92294	0	0	1
30.06.2018	24,5804	37,4853	0,34477	19,913	30,8346	0,26934	11,1293	23,9774	0,53878	2,42408	16,5569	0,9368	0	0	1
1.07.2018	23,8479	37,4853	0,39548	19,901	30,8346	0,27026	11,0589	23,9774	0,54513	2,40273	16,5569	0,93867	0	0	1
2.07.2018	26,0708	37,4853	0,2416	20,2863	30,8346	0,24049	10,8075	23,9774	0,56782	2,25803	16,5569	0,95065	0	0	1
3.07.2018	26,7772	37,4853	0,19548	20,6692	30,8346	0,21089	10,5017	23,9774	0,59542	2,28547	16,5569	0,94847	0	0	1
4.07.2018	27,0853	37,4853	0,18228	20,7995	30,8346	0,20082	10,508	23,9774	0,59484	2,16974	16,5569	0,95729	0	0	1
5.07.2018	27,3169	37,4853	0,17264	21,2966	30,8346	0,1772	9,92019	23,9774	0,64789	2,13847	16,5569	0,95955	0	0	1
6.07.2018	27,5631	37,4853	0,16322	21,1016	30,8346	0,18634	8,8614	23,9774	0,74344	2,18945	16,5569	0,95586	0	0	1
7.07.2018	27,9053	37,4853	0,15012	21,2598	30,8346	0,17893	9,46849	23,9774	0,68866	2,19606	16,5569	0,95539	0	0	1
8.07.2018	27,9528	37,4853	0,14852	21,5198	30,8346	0,16765	9,11482	23,9774	0,72057	2,18207	16,5569	0,9564	0	0	1
9.07.2018	27,5492	37,4853	0,16375	21,7642	30,8346	0,15744	7,87769	23,9774	0,83215	2,1597	16,5569	0,95802	0	0	1
10.07.2018	26,2028	37,4853	0,23246	21,7874	30,8346	0,15647	5,65022	23,9774	0,96892	2,1077	16,5569	0,96166	0	0	1
11.07.2018	24,3487	37,4853	0,36081	21,8958	30,8346	0,15194	4,21061	23,9774	0,99568	1,9922	16,5569	0,96911	0	0	1
12.07.2018	25,5008	37,4853	0,28106	21,8238	30,8346	0,15495	3,48406	23,9774	0,999	1,87178	16,5569	0,97589	0	0	1
13.07.2018	25,3682	37,4853	0,29024	22,0035	30,8346	0,14777	3,48039	23,9774	0,999	1,93362	16,5569	0,9725	0	0	1
14.07.2018	25,6642	37,4853	0,26975	22,198	30,8346	0,14068	3,41604	23,9774	0,999	1,95585	16,5569	0,97125	0	0	1
15.07.2018	26,6238	37,4853	0,20332	22,3719	30,8346	0,13434	4,55496	23,9774	0,99245	2,20028	16,5569	0,95508	0	0	1
16.07.2018	26,6574	37,4853	0,20099	21,8965	30,8346	0,15192	5,9353	23,9774	0,95842	2,02267	16,5569	0,96721	0	0	1
17.07.2018	26,78	37,4853	0,19536	22,1248	30,8346	0,14335	6,60093	23,9774	0,92581	1,9858	16,5569	0,96951	0	0	1
18.07.2018	26,1366	37,4853	0,23705	22,8163	30,8346	0,1192	6,54773	23,9774	0,92884	1,86447	16,5569	0,97626	0	0	1
19.07.2018	26,6718	37,4853	0,2	23,0162	30,8346	0,11306	6,37424	23,9774	0,93821	1,95684	16,5569	0,97119	0	0	1
20.07.2018	25,1178	37,4853	0,30757	22,7817	30,8346	0,12027	5,82351	23,9774	0,96276	1,90126	16,5569	0,97433	0	0	1
21.07.2018	25,0811	37,4853	0,31011	22,9368	30,8346	0,1155	6,02852	23,9774	0,95457	1,85641	16,5569	0,97666	0	0	1
22.07.2018	24,6723	37,4853	0,33841	22,8992	30,8346	0,11665	5,98784	23,9774	0,95627	1,86557	16,5569	0,9762	0	0	1
23.07.2018	24,7744	37,4853	0,33134	22,1554	30,8346	0,14223	5,88701	23,9774	0,96037	1,95583	16,5569	0,97125	0	0	1
24.07.2018	24,8036	37,4853	0,32932	22,1683	30,8346	0,14176	6,03103	23,9774	0,95446	1,92612	16,5569	0,97293	0	0	1
25.07.2018	25,3114	37,4853	0,29417	22,2219	30,8346	0,1398	6,29217	23,9774	0,94237	2,12121	16,5569	0,96075	0	0	1
26.07.2018	25,4931	37,4853	0,28159	22,2406	30,8346	0,13912	6,62251	23,9774	0,92457	2,29788	16,5569	0,94747	0	0	1
27.07.2018	25,6906	37,4853	0,26792	22,7582	30,8346	0,12099	6,91849	23,9774	0,90619	2,3863	16,5569	0,9401	0	0	1
28.07.2018	25,9521	37,4853	0,24981	23,1967	30,8346	0,10751	7,14617	23,9774	0,89022	2,5186	16,5569	0,92814	0	0	1
29.07.2018	26,1368	37,4853	0,23703	23,1384	30,8346	0,1093	7,13243	23,9774	0,89122	2,34376	16,5569	0,9437	0	0	1
30.07.2018	26,2582	37,4853	0,22862	22,491	30,8346	0,12999	7,16458	23,9774	0,88889	2,33492	16,5569	0,94445	0	0	1
31.07.2018	26,3948	37,4853	0,21917	22,1934	30,8346	0,14084	7,33023	23,9774	0,8769	2,64602	16,5569	0,91566	0	0	1
1.08.2018	26,4591	37,4853	0,21471	22,5293	30,8346	0,12859	7,15093	23,9774	0,88988	2,56257	16,5569	0,92394	0	0	1
2.08.2018	26,9242	37,4853	0,18918	21,5219	30,8346	0,16756	7,38831	23,9774	0,87245	2,76101	16,5569	0,90363	0	0	1
3.08.2018	27,0071	37,4853	0,18563	21,753	30,8346	0,15791	7,45646	23,9774	0,86702	2,6655	16,5569	0,91367	0	0	1
4.08.2018	27,5466	37,4853	0,16385	21,0968	30,8346	0,18657	7,51949	23,9774	0,86199	2,72105	16,5569	0,90788	0	0	1

4.08.2018	27,5466	37,4853	0,16385	21,0968	30,8346	0,18657	7,51949	23,9774	0,86199	2,72105	16,5569	0,90788	0	0	1
5.08.2018	27,7677	37,4853	0,15539	20,6977	30,8346	0,20869	7,55655	23,9774	0,85903	2,6641	16,5569	0,91381	0	0	1
6.08.2018	27,9816	37,4853	0,14756	20,1242	30,8346	0,25302	7,61798	23,9774	0,85413	2,69004	16,5569	0,91113	0	0	1
7.08.2018	28,2053	37,4853	0,14008	18,787	30,8346	0,35637	7,58153	23,9774	0,85704	2,7085	16,5569	0,90921	0	0	1
8.08.2018	28,3895	37,4853	0,13393	18,4987	30,8346	0,37865	7,26914	23,9774	0,88132	2,67499	16,5569	0,91269	0	0	1
9.08.2018	28,5945	37,4853	0,12708	17,4069	30,8346	0,46304	7,63172	23,9774	0,85303	2,71449	16,5569	0,90857	0	0	1
10.08.2018	28,7396	37,4853	0,12265	16,4364	30,8346	0,53805	7,20871	23,9774	0,88569	2,70532	16,5569	0,90954	0	0	1
11.08.2018	28,8837	37,4853	0,11857	14,8974	30,8346	0,657	7,1081	23,9774	0,89298	2,69505	16,5569	0,91061	0	0	1
12.08.2018	29,0625	37,4853	0,11351	13,5833	30,8346	0,75857	7,23345	23,9774	0,8839	2,72676	16,5569	0,90728	0	0	1
13.08.2018	28,9475	37,4853	0,11677	12,5861	30,8346	0,83378	6,16833	23,9774	0,94833	2,54541	16,5569	0,9256	0	0	1
14.08.2018	29,2809	37,4853	0,10733	12,5606	30,8346	0,83557	5,35709	23,9774	0,97765	2,51275	16,5569	0,92869	0	0	1
15.08.2018	29,702	37,4853	0,09592	11,6794	30,8346	0,89139	5,1331	23,9774	0,98306	2,52999	16,5569	0,92706	0	0	1
16.08.2018	29,5783	37,4853	0,09904	11,222	30,8346	0,91588	5,3911	23,9774	0,97674	2,55985	16,5569	0,92421	0	0	1
17.08.2018	29,3937	37,4853	0,10414	11,7008	30,8346	0,89015	7,44339	23,9774	0,86806	2,57467	16,5569	0,92275	0	0	1
18.08.2018	26,6459	37,4853	0,20178	12,0615	30,8346	0,86871	7,95582	23,9774	0,82544	2,63025	16,5569	0,91724	0	0	1
19.08.2018	28,4994	37,4853	0,13025	11,6715	30,8346	0,89184	7,48098	23,9774	0,86506	2,63133	16,5569	0,91713	0	0	1
20.08.2018	25,2544	37,4853	0,29812	11,3953	30,8346	0,90714	7,06691	23,9774	0,89596	2,66597	16,5569	0,91362	0	0	1
21.08.2018	26,3863	37,4853	0,21976	10,729	30,8346	0,93787	6,78264	23,9774	0,9149	2,72646	16,5569	0,90731	0	0	1
22.08.2018	27,2057	37,4853	0,17712	10,6251	30,8346	0,94198	6,54784	23,9774	0,92884	2,75934	16,5569	0,90381	0	0	1
23.08.2018	27,0382	37,4853	0,1843	10,571	30,8346	0,94406	6,83628	23,9774	0,9115	2,76928	16,5569	0,90273	0	0	1
24.08.2018	27,1725	37,4853	0,17854	10,1649	30,8346	0,95799	6,90687	23,9774	0,90695	2,83422	16,5569	0,89546	0	0	1
25.08.2018	27,8589	37,4853	0,1519	10,2166	30,8346	0,95637	7,04895	23,9774	0,89726	2,87145	16,5569	0,8912	0	0	1
26.08.2018	28,0504	37,4853	0,14526	10,2549	30,8346	0,95517	6,8571	23,9774	0,91018	2,8516	16,5569	0,89348	0	0	1
27.08.2018	28,3847	37,4853	0,13409	10,3003	30,8346	0,95364	7,31153	23,9774	0,87825	2,86752	16,5569	0,89165	0	0	1
28.08.2018	28,5522	37,4853	0,12849	10,3727	30,8346	0,95119	7,9419	23,9774	0,82664	2,87425	16,5569	0,89088	0	0	1
29.08.2018	28,6725	37,4853	0,12455	10,4273	30,8346	0,9493	7,3925	23,9774	0,87212	2,89275	16,5569	0,88876	0	0	1
30.08.2018	29,047	37,4853	0,11395	10,5055	30,8346	0,94648	7,11223	23,9774	0,89268	2,89976	16,5569	0,88796	0	0	1
31.08.2018	29,4168	37,4853	0,10349	10,4352	30,8346	0,94901	6,93455	23,9774	0,90515	2,91959	16,5569	0,88569	0	0	1
1.09.2018	29,5758	37,4853	0,0991	10,4999	30,8346	0,94668	7,06909	23,9774	0,8958	2,93646	16,5569	0,88376	0	0	1
2.09.2018	29,6407	37,4853	0,09747	10,5786	30,8346	0,94377	7,24905	23,9774	0,88277	2,95485	16,5569	0,88166	0	0	1
3.09.2018	29,7493	37,4853	0,09474	10,6505	30,8346	0,941	7,22193	23,9774	0,88474	2,97347	16,5569	0,87952	0	0	1
4.09.2018	29,5292	37,4853	0,10031	10,6946	30,8346	0,93927	7,19697	23,9774	0,88654	2,98743	16,5569	0,87793	0	0	1
5.09.2018	29,5304	37,4853	0,10027	10,8567	30,8346	0,93257	6,91839	23,9774	0,9062	2,99608	16,5569	0,87694	0	0	1
6.09.2018	29,2168	37,4853	0,10915	10,9111	30,8346	0,93025	6,70736	23,9774	0,91952	3,01441	16,5569	0,87483	0	0	1
7.09.2018	28,7211	37,4853	0,12317	10,9879	30,8346	0,92683	6,63757	23,9774	0,92367	3,04999	16,5569	0,87043	0	0	1
8.09.2018	28,0051	37,4853	0,14677	10,9063	30,8346	0,93045	6,61083	23,9774	0,92525	3,07875	16,5569	0,86687	0	0	1
9.09.2018	27,8237	37,4853	0,15324	10,9946	30,8346	0,92653	6,58413	23,9774	0,92677	3,10802	16,5569	0,86326	0	0	1
10.09.2018	27,4502	37,4853	0,16754	11,0454	30,8346	0,92423	6,50835	23,9774	0,93104	3,10926	16,5569	0,8631	0	0	1
11.09.2018	26,9191	37,4853	0,1894	11,1438	30,8346	0,91965	6,4158	23,9774	0,93604	3,14477	16,5569	0,85872	0	0	1
12.09.2018	26,4296	37,4853	0,21676	11,1951	30,8346	0,91717	6,44496	23,9774	0,93449	3,18616	16,5569	0,8536	0	0	1
13.09.2018	26,9405	37,4853	0,18849	11,3969	30,8346	0,90706	6,62227	23,9774	0,92458	3,16656	16,5569	0,85602	0	0	1

14.09.2018	26,918	37,4853	0,18945	11,6117	30,8346	0,89529	6,54826	23,9774	0,92881	3,16313	16,5569	0,85645	0	0	1
15.09.2018	27,1738	37,4853	0,17849	11,6827	30,8346	0,89119	6,75839	23,9774	0,91639	3,18018	16,5569	0,85434	0	0	1
16.09.2018	27,1504	37,4853	0,17949	11,7452	30,8346	0,88759	6,74151	23,9774	0,91742	3,21273	16,5569	0,85032	0	0	1
17.09.2018	26,7746	37,4853	0,19559	11,8023	30,8346	0,88429	6,62017	23,9774	0,9247	3,27716	16,5569	0,84195	0	0	1
18.09.2018	26,8634	37,4853	0,19179	11,9007	30,8346	0,87861	6,66839	23,9774	0,92185	3,28513	16,5569	0,84091	0	0	1
19.09.2018	26,6452	37,4853	0,20184	11,9436	30,8346	0,87614	6,77259	23,9774	0,91552	3,30151	16,5569	0,83878	0	0	1
20.09.2018	26,512	37,4853	0,21106	12,0925	30,8346	0,86673	6,78848	23,9774	0,91453	3,29385	16,5569	0,83978	0	0	1
21.09.2018	26,9603	37,4853	0,18763	12,2089	30,8346	0,85928	6,9548	23,9774	0,90379	3,30748	16,5569	0,838	0	0	1
22.09.2018	27,2978	37,4853	0,17337	12,2805	30,8346	0,8547	6,98356	23,9774	0,90185	3,32802	16,5569	0,83533	0	0	1
23.09.2018	27,2716	37,4853	0,17437	12,3453	30,8346	0,85055	7,01739	23,9774	0,89954	3,34937	16,5569	0,83255	0	0	1
24.09.2018	27,171	37,4853	0,17861	12,4497	30,8346	0,84331	7,05261	23,9774	0,89699	3,37138	16,5569	0,82969	0	0	1
25.09.2018	26,6379	37,4853	0,20234	12,5268	30,8346	0,83793	7,02792	23,9774	0,89878	3,39762	16,5569	0,82627	0	0	1
26.09.2018	26,6074	37,4853	0,20445	12,5985	30,8346	0,83292	7,09866	23,9774	0,89366	3,41827	16,5569	0,82353	0	0	1
27.09.2018	26,0242	37,4853	0,24482	12,6856	30,8346	0,82684	7,21982	23,9774	0,88489	3,43656	16,5569	0,82105	0	0	1
28.09.2018	26,0732	37,4853	0,24143	12,7722	30,8346	0,82051	7,2254	23,9774	0,88448	3,45431	16,5569	0,81864	0	0	1
29.09.2018	26,1426	37,4853	0,23663	12,8532	30,8346	0,81447	7,28832	23,9774	0,87993	3,4687	16,5569	0,81669	0	0	1
30.09.2018	26,7425	37,4853	0,19697	12,9218	30,8346	0,80935	7,36586	23,9774	0,87424	3,48704	16,5569	0,81421	0	0	1
1.10.2018	26,6335	37,4853	0,20265	12,9841	30,8346	0,80471	7,3693	23,9774	0,87397	3,50476	16,5569	0,81181	0	0	1
2.10.2018	26,5985	37,4853	0,20506	13,0606	30,8346	0,79898	7,36355	23,9774	0,87443	3,53147	16,5569	0,80819	0	0	1
3.10.2018	27,4676	37,4853	0,16687	13,0991	30,8346	0,79599	7,4367	23,9774	0,86859	3,5404	16,5569	0,80698	0	0	1
4.10.2018	27,6022	37,4853	0,16172	13,2196	30,8346	0,78668	7,47704	23,9774	0,86537	3,56053	16,5569	0,80425	0	0	1
5.10.2018	26,5525	37,4853	0,20825	13,0349	30,8346	0,80092	7,52315	23,9774	0,86169	3,57315	16,5569	0,80254	0	0	1
6.10.2018	26,3164	37,4853	0,22459	13,0866	30,8346	0,79696	7,57007	23,9774	0,85795	3,61458	16,5569	0,79733	0	0	1
7.10.2018	27,0356	37,4853	0,18441	13,155	30,8346	0,79167	7,55877	23,9774	0,85885	3,61058	16,5569	0,7978	0	0	1
8.10.2018	26,9578	37,4853	0,18774	13,1882	30,8346	0,78911	7,58007	23,9774	0,85715	3,62631	16,5569	0,79595	0	0	1
9.10.2018	26,3307	37,4853	0,22361	13,1802	30,8346	0,78973	7,62181	23,9774	0,85382	3,65735	16,5569	0,7923	0	0	1
10.10.2018	26,624	37,4853	0,2033	13,2944	30,8346	0,7809	7,66388	23,9774	0,85046	3,68752	16,5569	0,78876	0	0	1
11.10.2018	27,2035	37,4853	0,17722	13,5004	30,8346	0,76498	7,5828	23,9774	0,85693	3,82521	16,5569	0,77257	0	0	1
12.10.2018	27,1034	37,4853	0,1815	13,4997	30,8346	0,76504	7,63917	23,9774	0,85244	3,82493	16,5569	0,7726	0	0	1
13.10.2018	27,1924	37,4853	0,17769	13,5676	30,8346	0,75979	7,67738	23,9774	0,84934	3,84179	16,5569	0,77062	0	0	1
14.10.2018	27,1572	37,4853	0,1792	13,6356	30,8346	0,75453	7,71275	23,9774	0,84631	3,87042	16,5569	0,76725	0	0	1
15.10.2018	27,4017	37,4853	0,16939	13,7027	30,8346	0,74935	7,8312	23,9774	0,83614	3,81662	16,5569	0,77358	0	0	1
16.10.2018	27,5215	37,4853	0,16481	13,7697	30,8346	0,74417	7,87563	23,9774	0,83233	3,8607	16,5569	0,76839	0	0	1
17.10.2018	27,8163	37,4853	0,15353	13,861	30,8346	0,73711	7,90875	23,9774	0,82948	3,87422	16,5569	0,7668	0	0	1
18.10.2018	27,9012	37,4853	0,15028	13,9225	30,8346	0,73235	7,91967	23,9774	0,82855	3,90366	16,5569	0,76334	0	0	1
19.10.2018	28,0281	37,4853	0,146	13,9826	30,8346	0,72771	7,95892	23,9774	0,82518	3,92095	16,5569	0,76131	0	0	1
20.10.2018	28,1948	37,4853	0,14043	14,0498	30,8346	0,72251	8,0134	23,9774	0,82021	3,94265	16,5569	0,75876	0	0	1
21.10.2018	28,384	37,4853	0,13411	14,1192	30,8346	0,71715	8,04193	23,9774	0,81761	3,9565	16,5569	0,75713	0	0	1
22.10.2018	28,5232	37,4853	0,12946	14,1866	30,8346	0,71194	8,07774	23,9774	0,81434	3,97441	16,5569	0,75502	0	0	1
23.10.2018	28,6597	37,4853	0,12491	14,2546	30,8346	0,70668	8,11514	23,9774	0,81092	3,98918	16,5569	0,75329	0	0	1

24.10.2018	28,8131	37,4853	0,12057	14,3172	30,8346	0,70185	8,15792	23,9774	0,80701	4,02175	16,5569	0,74946	0	0	1
25.10.2018	28,9468	37,4853	0,11679	14,3891	30,8346	0,69629	8,19798	23,9774	0,80335	4,04407	16,5569	0,74683	0	0	1
26.10.2018	29,0891	37,4853	0,11276	14,4562	30,8346	0,69111	8,23875	23,9774	0,79963	4,05873	16,5569	0,74511	0	0	1
27.10.2018	29,1849	37,4853	0,11005	14,5227	30,8346	0,68597	8,28047	23,9774	0,79587	4,07993	16,5569	0,74262	0	0	1
28.10.2018	29,2658	37,4853	0,10776	14,5896	30,8346	0,68079	8,31823	23,9774	0,79246	4,09862	16,5569	0,74042	0	0	1
29.10.2018	29,252	37,4853	0,10815	14,6453	30,8346	0,67649	8,34993	23,9774	0,7896	4,12022	16,5569	0,73788	0	0	1
30.10.2018	29,1759	37,4853	0,1103	14,7108	30,8346	0,67143	8,3895	23,9774	0,78603	4,14103	16,5569	0,73543	0	0	1
31.10.2018	29,0661	37,4853	0,11341	14,7736	30,8346	0,66657	8,42772	23,9774	0,78258	4,1539	16,5569	0,73392	0	0	1
1.11.2018	28,9739	37,4853	0,11602	14,8427	30,8346	0,66123	8,46521	23,9774	0,7792	4,16831	16,5569	0,73222	0	0	1
2.11.2018	29,0729	37,4853	0,11322	14,8943	30,8346	0,65724	8,49767	23,9774	0,77627	4,1848	16,5569	0,73028	0	0	1
3.11.2018	28,89	37,4853	0,11839	14,9609	30,8346	0,65209	8,53355	23,9774	0,77303	4,20636	16,5569	0,72775	0	0	1
4.11.2018	28,8941	37,4853	0,11828	15,0509	30,8346	0,64514	8,56912	23,9774	0,76982	4,22252	16,5569	0,72585	0	0	1
5.11.2018	29,0254	37,4853	0,11456	15,1231	30,8346	0,63956	8,60161	23,9774	0,76689	4,24199	16,5569	0,72356	0	0	1
6.11.2018	29,0794	37,4853	0,11303	15,1883	30,8346	0,63452	8,63042	23,9774	0,76429	4,26014	16,5569	0,72143	0	0	1
7.11.2018	29,3603	37,4853	0,10508	15,245	30,8346	0,63014	8,67459	23,9774	0,7603	4,27968	16,5569	0,71913	0	0	1
8.11.2018	29,8902	37,4853	0,09135	15,2523	30,8346	0,62957	8,69128	23,9774	0,7588	4,30471	16,5569	0,71618	0	0	1
9.11.2018	29,8617	37,4853	0,09203	15,3164	30,8346	0,62462	8,71746	23,9774	0,75643	4,34079	16,5569	0,71194	0	0	1
10.11.2018	29,6174	37,4853	0,09805	15,3414	30,8346	0,62269	8,75538	23,9774	0,75301	4,36559	16,5569	0,70903	0	0	1
11.11.2018	29,6095	37,4853	0,09825	15,3935	30,8346	0,61866	8,79272	23,9774	0,74964	4,3909	16,5569	0,70605	0	0	1
12.11.2018	30,0882	37,4853	0,08674	15,4896	30,8346	0,61123	8,82963	23,9774	0,74631	4,40876	16,5569	0,70395	0	0	1
13.11.2018	29,883	37,4853	0,09152	15,5538	30,8346	0,60627	8,86814	23,9774	0,74284	4,4373	16,5569	0,70059	0	0	1
14.11.2018	30,4727	37,4853	0,07837	15,5683	30,8346	0,60515	8,8988	23,9774	0,74007	4,48389	16,5569	0,69512	0	0	1
15.11.2018	30,6497	37,4853	0,07475	15,6432	30,8346	0,59936	8,92915	23,9774	0,73733	4,51453	16,5569	0,69151	0	0	1
16.11.2018	30,7034	37,4853	0,07371	15,578	30,8346	0,6044	8,97343	23,9774	0,73333	4,54027	16,5569	0,68849	0	0	1
17.11.2018	30,9352	37,4853	0,06925	15,5946	30,8346	0,60312	9,00062	23,9774	0,73088	4,56537	16,5569	0,68553	0	0	1
18.11.2018	31,0876	37,4853	0,06647	15,8284	30,8346	0,58504	9,04026	23,9774	0,7273	4,58001	16,5569	0,68381	0	0	1
19.11.2018	31,339	37,4853	0,06208	15,1384	30,8346	0,63838	9,03811	23,9774	0,7275	4,62173	16,5569	0,67891	0	0	1
20.11.2018	31,3965	37,4853	0,06109	14,6889	30,8346	0,67312	8,96704	23,9774	0,73391	4,64968	16,5569	0,67562	0	0	1
21.11.2018	31,5021	37,4853	0,05934	15,2018	30,8346	0,63347	9,03503	23,9774	0,72777	4,66879	16,5569	0,67337	0	0	1
22.11.2018	31,7901	37,4853	0,05479	14,9876	30,8346	0,65003	9,05181	23,9774	0,72626	4,6939	16,5569	0,67042	0	0	1
23.11.2018	31,9968	37,4853	0,05178	14,8756	30,8346	0,65869	9,07845	23,9774	0,72386	4,7164	16,5569	0,66778	0	0	1
24.11.2018	32,0817	37,4853	0,05054	14,3221	30,8346	0,70147	9,0166	23,9774	0,72944	4,74322	16,5569	0,66462	0	0	1
25.11.2018	32,2104	37,4853	0,04877	14,2473	30,8346	0,70725	9,09448	23,9774	0,72241	4,76241	16,5569	0,66237	1	0	1
26.11.2018	32,1988	37,4853	0,04892	13,7311	30,8346	0,74715	8,99675	23,9774	0,73123	4,78261	16,5569	0,65999	1	0	1
27.11.2018	32,2335	37,4853	0,04846	13,6782	30,8346	0,75124	9,02537	23,9774	0,72865	4,80185	16,5569	0,65773	1	0	1
28.11.2018	32,1328	37,4853	0,04981	14,1236	30,8346	0,71681	9,16322	23,9774	0,71621	4,81958	16,5569	0,65564	1	0	1
29.11.2018	32,7165	37,4853	0,04228	14,4333	30,8346	0,69287	9,25915	23,9774	0,70755	4,83749	16,5569	0,65354	1	0	1
30.11.2018	32,6204	37,4853	0,04345	14,3548	30,8346	0,69894	9,21175	23,9774	0,71183	4,86625	16,5569	0,65016	1	0	1
1.12.2018	32,734	37,4853	0,04207	14,2997	30,8346	0,7032	9,29719	23,9774	0,70412	4,87223	16,5569	0,64945	1	0	1
2.12.2018	32,7729	37,4853	0,0416	14,2761	30,8346	0,70503	9,30774	23,9774	0,70316	4,8936	16,5569	0,64694	1	0	1

3.12.2018	32,8409	37,4853	0,04078	14,1761	30,8346	0,71275	9,3121	23,9774	0,70277	4,91558	16,5569	0,64436	1	0	1
4.12.2018	32,9107	37,4853	0,03994	14,6161	30,8346	0,67874	9,32456	23,9774	0,70165	4,88228	16,5569	0,64827	1	0	1
5.12.2018	32,7838	37,4853	0,04147	14,6419	30,8346	0,67675	9,30746	23,9774	0,70319	4,86737	16,5569	0,65002	1	0	1
6.12.2018	32,8643	37,4853	0,0405	13,9388	30,8346	0,7311	9,3561	23,9774	0,6988	4,99637	16,5569	0,63486	1	0	1
7.12.2018	32,9198	37,4853	0,03984	13,7009	30,8346	0,74949	9,36888	23,9774	0,69765	5,06685	16,5569	0,62657	1	0	1
8.12.2018	32,904	37,4853	0,04002	13,8697	30,8346	0,73644	9,37317	23,9774	0,69726	5,07809	16,5569	0,62525	1	0	1
9.12.2018	32,9806	37,4853	0,03919	13,9762	30,8346	0,7282	9,44567	23,9774	0,69072	5,0936	16,5569	0,62342	1	0	1
10.12.2018	33,2084	37,4853	0,03673	13,8394	30,8346	0,73878	9,46551	23,9774	0,68893	5,11599	16,5569	0,62079	1	0	1
11.12.2018	33,3805	37,4853	0,03489	14,0831	30,8346	0,71994	9,47901	23,9774	0,68771	5,12541	16,5569	0,61968	1	0	1
12.12.2018	33,5322	37,4853	0,03344	14,1696	30,8346	0,71326	9,55473	23,9774	0,68087	5,13678	16,5569	0,61835	1	0	1
13.12.2018	33,6224	37,4853	0,03259	13,891	30,8346	0,73479	9,59189	23,9774	0,67752	5,18924	16,5569	0,61218	1	0	1
14.12.2018	33,7747	37,4853	0,03114	13,8661	30,8346	0,73672	9,6215	23,9774	0,67485	5,21173	16,5569	0,60953	1	0	1
15.12.2018	33,9042	37,4853	0,02992	13,9115	30,8346	0,73321	9,66642	23,9774	0,67079	5,23563	16,5569	0,60672	1	0	1
16.12.2018	34,0295	37,4853	0,0289	13,8304	30,8346	0,73947	9,72357	23,9774	0,66564	5,24125	16,5569	0,60606	1	0	1
17.12.2018	34,0852	37,4853	0,02845	14,0532	30,8346	0,72225	9,80979	23,9774	0,65786	5,226	16,5569	0,60785	1	0	1
18.12.2018	34,0198	37,4853	0,02898	14,2516	30,8346	0,70691	9,87036	23,9774	0,65239	5,19472	16,5569	0,61153	1	0	1
19.12.2018	33,952	37,4853	0,02953	14,2084	30,8346	0,71026	9,91671	23,9774	0,64821	5,22851	16,5569	0,60756	1	0	1
20.12.2018	33,0307	37,4853	0,03865	14,1684	30,8346	0,71335	9,95083	23,9774	0,64513	5,19047	16,5569	0,61203	1	0	1
21.12.2018	32,7414	37,4853	0,04198	14,1474	30,8346	0,71497	9,99509	23,9774	0,64113	5,23428	16,5569	0,60688	1	0	1
22.12.2018	32,1466	37,4853	0,04962	14,3071	30,8346	0,70263	10,0187	23,9774	0,639	5,22232	16,5569	0,60829	1	0	1
23.12.2018	32,3258	37,4853	0,04722	14,3021	30,8346	0,70301	10,0335	23,9774	0,63767	5,22244	16,5569	0,60827	1	0	1
24.12.2018	29,7458	37,4853	0,09483	14,4536	30,8346	0,6913	10,0097	23,9774	0,63981	5,24793	16,5569	0,60528	0	0	1
25.12.2018	29,1558	37,4853	0,11087	14,4745	30,8346	0,68969	10,0619	23,9774	0,6351	5,34281	16,5569	0,59412	0	0	1
26.12.2018	25,2224	37,4853	0,30033	14,527	30,8346	0,68563	10,0246	23,9774	0,63847	5,33241	16,5569	0,59534	0	0	1
27.12.2018	24,584	37,4853	0,34453	14,3945	30,8346	0,69587	10,0836	23,9774	0,63315	5,38793	16,5569	0,58881	0	0	1
28.12.2018	20,4571	37,4853	0,63021	14,5355	30,8346	0,68497	10,0051	23,9774	0,64023	5,26438	16,5569	0,60334	0	0	1
29.12.2018	18,807	37,4853	0,74445	14,626	30,8346	0,67798	10,0439	23,9774	0,63673	5,32267	16,5569	0,59649	0	0	1
30.12.2018	17,5843	37,4853	0,82703	14,671	30,8346	0,6745	9,9772	23,9774	0,64275	5,30671	16,5569	0,59836	0	0	1
31.12.2018	19,4254	37,4853	0,70164	14,6939	30,8346	0,67273	10,1929	23,9774	0,62329	5,20804	16,5569	0,60997	0	0	1
1.01.2019	18,1181	37,4853	0,79214	14,7612	30,8346	0,66753	10,0928	23,9774	0,63231	5,26236	16,5569	0,60358	0	0	1
2.01.2019	16,1153	37,4853	0,90611	14,6176	30,8346	0,67863	9,82478	23,9774	0,6565	5,31484	16,5569	0,59741	0	0	1
3.01.2019	16,5051	37,4853	0,88734	14,827	30,8346	0,66244	10,0369	23,9774	0,63736	5,38965	16,5569	0,58861	0	0	1
4.01.2019	15,5228	37,4853	0,93035	14,2742	30,8346	0,70517	9,85449	23,9774	0,65382	5,33197	16,5569	0,59539	0	0	1
5.01.2019	15,4954	37,4853	0,93135	14,381	30,8346	0,69692	9,93238	23,9774	0,64679	5,35959	16,5569	0,59215	0	0	1
6.01.2019	15,5739	37,4853	0,92842	13,3115	30,8346	0,77958	9,63236	23,9774	0,67387	5,2497	16,5569	0,60507	0	0	1
7.01.2019	15,4107	37,4853	0,93443	13,3263	30,8346	0,77843	9,67438	23,9774	0,67008	5,24638	16,5569	0,60546	0	0	1
8.01.2019	15,7295	37,4853	0,92239	13,2792	30,8346	0,78208	9,92975	23,9774	0,64703	5,13861	16,5569	0,61813	0	0	1
9.01.2019	15,6453	37,4853	0,9257	13,1132	30,8346	0,7949	9,73521	23,9774	0,66459	5,12896	16,5569	0,61926	0	0	1
10.01.2019	15,4578	37,4853	0,93272	14,4725	30,8346	0,68985	10,3405	23,9774	0,60996	5,33071	16,5569	0,59554	0	0	1
11.01.2019	15,6847	37,4853	0,92417	14,9835	30,8346	0,65035	10,5171	23,9774	0,59403	5,3335	16,5569	0,59521	0	0	1

12.01.2019	15,9385	37,4853	0,91381	15,0648	30,8346	0,64406	10,5465	23,9774	0,59137	5,38871	16,5569	0,58872	0	0	1
13.01.2019	16,0039	37,4853	0,91101	15,3243	30,8346	0,62401	10,5879	23,9774	0,58764	5,48136	16,5569	0,57783	0	0	1
14.01.2019	16,1707	37,4853	0,90361	15,1879	30,8346	0,63455	10,6218	23,9774	0,58458	5,3951	16,5569	0,58797	0	0	1
15.01.2019	16,1959	37,4853	0,90246	15,3195	30,8346	0,62438	10,6538	23,9774	0,58169	5,43131	16,5569	0,58371	0	0	1
16.01.2019	16,3459	37,4853	0,89523	15,3179	30,8346	0,6245	10,7335	23,9774	0,5745	5,37894	16,5569	0,58987	0	0	1
17.01.2019	16,4082	37,4853	0,89214	15,3376	30,8346	0,62298	10,7624	23,9774	0,57189	5,31607	16,5569	0,59726	0	0	1
18.01.2019	16,4402	37,4853	0,89056	15,3999	30,8346	0,61817	10,7979	23,9774	0,56869	5,25661	16,5569	0,60425	0	0	1
19.01.2019	16,5883	37,4853	0,88321	15,5208	30,8346	0,60882	10,878	23,9774	0,56145	5,268	16,5569	0,60292	0	0	1
20.01.2019	16,4923	37,4853	0,88797	15,2807	30,8346	0,62738	10,7389	23,9774	0,57401	5,29229	16,5569	0,60006	0	0	1
21.01.2019	16,5523	37,4853	0,88499	15,3254	30,8346	0,62392	10,7929	23,9774	0,56914	5,2852	16,5569	0,60089	0	0	1
22.01.2019	16,6455	37,4853	0,88037	15,3762	30,8346	0,62	10,8455	23,9774	0,56439	5,31027	16,5569	0,59795	0	0	1
23.01.2019	16,6116	37,4853	0,88205	15,1854	30,8346	0,63474	10,755	23,9774	0,57256	5,2845	16,5569	0,60098	0	0	1
24.01.2019	16,6618	37,4853	0,87956	15,1211	30,8346	0,63971	10,8127	23,9774	0,56735	5,31917	16,5569	0,5969	0	0	1
25.01.2019	16,8181	37,4853	0,87143	15,2137	30,8346	0,63256	10,8945	23,9774	0,55996	5,26453	16,5569	0,60332	0	0	1
26.01.2019	16,9269	37,4853	0,8654	15,2919	30,8346	0,62651	10,9459	23,9774	0,55533	5,1529	16,5569	0,61645	0	0	1
27.01.2019	17,0099	37,4853	0,86079	15,347	30,8346	0,62225	11,0024	23,9774	0,55023	5,14417	16,5569	0,61748	0	0	1
28.01.2019	17,0347	37,4853	0,85941	15,5331	30,8346	0,60787	10,9506	23,9774	0,55491	5,42292	16,5569	0,5847	0	0	1
29.01.2019	17,1005	37,4853	0,85577	15,8487	30,8346	0,58347	11,1231	23,9774	0,53933	5,45804	16,5569	0,58057	0	0	1
30.01.2019	17,1088	37,4853	0,8553	15,737	30,8346	0,59211	11,0147	23,9774	0,54912	5,47916	16,5569	0,57809	0	0	1
31.01.2019	17,1768	37,4853	0,85153	15,7589	30,8346	0,59041	11,0751	23,9774	0,54366	5,46468	16,5569	0,57979	0	0	1
1.02.2019	17,2549	37,4853	0,84695	15,8396	30,8346	0,58418	11,1031	23,9774	0,54114	5,36307	16,5569	0,59174	0	0	1
2.02.2019	17,3336	37,4853	0,84219	15,8501	30,8346	0,58337	11,1407	23,9774	0,53775	5,2852	16,5569	0,60089	0	0	1
3.02.2019	17,3899	37,4853	0,83878	15,8545	30,8346	0,58303	11,1464	23,9774	0,53724	5,3664	16,5569	0,59135	0	0	1
4.02.2019	17,4288	37,4853	0,83643	15,8219	30,8346	0,58555	11,1794	23,9774	0,53426	5,2303	16,5569	0,60735	0	0	1
5.02.2019	17,4405	37,4853	0,83573	15,7359	30,8346	0,59219	11,2855	23,9774	0,52468	4,99891	16,5569	0,63456	0	0	1
6.02.2019	17,4179	37,4853	0,83709	15,7699	30,8346	0,58957	11,3466	23,9774	0,51917	4,88316	16,5569	0,64817	0	0	1
7.02.2019	17,3551	37,4853	0,84089	16,0891	30,8346	0,56489	11,3993	23,9774	0,51441	5,0426	16,5569	0,62942	0	0	1
8.02.2019	17,4587	37,4853	0,83463	15,3565	30,8346	0,62152	11,2895	23,9774	0,52432	4,63296	16,5569	0,67759	0	0	1
9.02.2019	17,3711	37,4853	0,83992	15,1807	30,8346	0,6351	11,2986	23,9774	0,5235	4,59626	16,5569	0,6819	0	0	1
10.02.2019	17,4065	37,4853	0,83778	14,9045	30,8346	0,65646	11,2663	23,9774	0,52641	4,36179	16,5569	0,70947	0	0	1
11.02.2019	17,3816	37,4853	0,83929	14,6869	30,8346	0,67327	11,365	23,9774	0,5175	4,16705	16,5569	0,73237	0	0	1
12.02.2019	17,4405	37,4853	0,83573	14,8541	30,8346	0,66035	11,3132	23,9774	0,52218	4,27475	16,5569	0,71971	0	0	1
13.02.2019	17,6271	37,4853	0,82441	14,7255	30,8346	0,67029	11,041	23,9774	0,54675	4,57231	16,5569	0,68472	0	0	1
14.02.2019	17,7129	37,4853	0,81886	14,5143	30,8346	0,68661	10,913	23,9774	0,5583	4,6165	16,5569	0,67952	0	0	1
15.02.2019	17,7408	37,4853	0,81705	14,3656	30,8346	0,69811	10,9526	23,9774	0,55472	4,30192	16,5569	0,71651	0	0	1
16.02.2019	17,8039	37,4853	0,81297	14,4483	30,8346	0,69171	10,8374	23,9774	0,56512	4,39136	16,5569	0,706	0	0	1
17.02.2019	17,851	37,4853	0,80993	14,6198	30,8346	0,67846	10,642	23,9774	0,58275	4,34597	16,5569	0,71133	0	0	1
18.02.2019	17,9338	37,4853	0,80457	14,231	30,8346	0,70851	10,3657	23,9774	0,60769	4,10355	16,5569	0,73984	0	0	1
19.02.2019	17,9363	37,4853	0,80441	14,0277	30,8346	0,72423	10,7827	23,9774	0,57006	3,6911	16,5569	0,78834	0	0	1
20.02.2019	17,9761	37,4853	0,80184	13,9483	30,8346	0,73036	10,9354	23,9774	0,55628	3,57597	16,5569	0,80216	0	0	1

20.02.2019	17,9761	37,4853	0,80184	13,9483	30,8346	0,73036	10,9354	23,9774	0,55628	3,57597	16,5569	0,80216	0	0	1
21.02.2019	18,438	37,4853	0,76999	13,5369	30,8346	0,76216	9,344	23,9774	0,69989	3,76307	16,5569	0,77987	0	0	1
22.02.2019	18,6387	37,4853	0,7561	13,2395	30,8346	0,78515	8,60653	23,9774	0,76644	3,45051	16,5569	0,81916	0	0	1
23.02.2019	18,6493	37,4853	0,75536	13,2829	30,8346	0,78179	8,24568	23,9774	0,79901	3,3856	16,5569	0,82784	0	0	1
24.02.2019	18,853	37,4853	0,74126	13,6865	30,8346	0,75059	8,74945	23,9774	0,75355	3,91363	16,5569	0,76217	0	0	1
25.02.2019	18,8432	37,4853	0,74194	13,7289	30,8346	0,74732	8,63441	23,9774	0,76393	4,12518	16,5569	0,73729	0	0	1
26.02.2019	18,8909	37,4853	0,73864	13,7825	30,8346	0,74318	8,54703	23,9774	0,77181	4,32195	16,5569	0,71416	0	0	1
27.02.2019	19,0944	37,4853	0,72455	13,7222	30,8346	0,74784	8,79178	23,9774	0,74973	4,14846	16,5569	0,73456	0	0	1
28.02.2019	19,2002	37,4853	0,71723	13,6348	30,8346	0,75459	8,87461	23,9774	0,74225	3,94652	16,5569	0,7583	0	0	1
1.03.2019	19,1213	37,4853	0,72269	13,4785	30,8346	0,76667	9,11491	23,9774	0,72057	3,55284	16,5569	0,80529	0	0	1
2.03.2019	19,0435	37,4853	0,72808	13,3966	30,8346	0,773	9,08915	23,9774	0,72289	3,43091	16,5569	0,82181	0	0	1
3.03.2019	18,9846	37,4853	0,73215	13,5624	30,8346	0,76018	9,02126	23,9774	0,72902	3,60543	16,5569	0,79841	0	0	1
4.03.2019	18,6122	37,4853	0,75793	13,5551	30,8346	0,76075	9,26757	23,9774	0,70679	3,67425	16,5569	0,79032	0	0	1
5.03.2019	18,3054	37,4853	0,77917	13,0668	30,8346	0,79849	9,64392	23,9774	0,67283	3,16314	16,5569	0,85645	0	0	1
6.03.2019	17,7789	37,4853	0,81459	13,0078	30,8346	0,80295	9,97543	23,9774	0,64291	3,22964	16,5569	0,84813	0	0	1
7.03.2019	17,446	37,4853	0,83539	13,0725	30,8346	0,79805	9,76326	23,9774	0,66206	3,3306	16,5569	0,835	0	0	1
8.03.2019	17,3343	37,4853	0,84215	13,2302	30,8346	0,78586	9,11053	23,9774	0,72096	3,25703	16,5569	0,84457	0	0	1
9.03.2019	17,3686	37,4853	0,84007	13,0231	30,8346	0,80181	8,65477	23,9774	0,76209	3,24925	16,5569	0,84558	0	0	1
10.03.2019	17,2057	37,4853	0,84992	12,9227	30,8346	0,80929	8,23808	23,9774	0,79969	3,2526	16,5569	0,84515	0	0	1
11.03.2019	17,1224	37,4853	0,85455	13,2453	30,8346	0,7847	8,63187	23,9774	0,76416	3,27568	16,5569	0,84214	0	0	1
12.03.2019	17,3289	37,4853	0,84247	12,9907	30,8346	0,80422	8,40519	23,9774	0,78461	3,49061	16,5569	0,81373	0	0	1
13.03.2019	16,883	37,4853	0,86783	13,1248	30,8346	0,79401	8,16905	23,9774	0,806	3,36249	16,5569	0,83084	0	0	1
14.03.2019	17,3561	37,4853	0,84083	13,3596	30,8346	0,77586	8,25231	23,9774	0,79841	3,43482	16,5569	0,82128	0	0	1
15.03.2019	17,2405	37,4853	0,84781	13,5736	30,8346	0,75933	8,22472	23,9774	0,80091	3,39868	16,5569	0,82613	0	0	1
16.03.2019	17,0783	37,4853	0,857	13,3399	30,8346	0,77738	8,59277	23,9774	0,76769	3,71726	16,5569	0,78526	0	0	1
17.03.2019	17,0656	37,4853	0,8577	13,3993	30,8346	0,7728	8,3543	23,9774	0,78921	3,54439	16,5569	0,80644	0	0	1
18.03.2019	16,9845	37,4853	0,8622	13,5879	30,8346	0,75822	8,31418	23,9774	0,79283	3,48796	16,5569	0,81408	0	0	1
19.03.2019	16,948	37,4853	0,86423	13,6904	30,8346	0,7503	8,21986	23,9774	0,80136	3,44514	16,5569	0,81989	0	0	1
20.03.2019	16,8615	37,4853	0,86902	14,015	30,8346	0,7252	8,06184	23,9774	0,81579	3,37246	16,5569	0,82955	0	0	1
21.03.2019	16,8756	37,4853	0,86824	14,1849	30,8346	0,71208	7,95123	23,9774	0,82584	3,32236	16,5569	0,83607	0	0	1
22.03.2019	16,6266	37,4853	0,88131	14,1184	30,8346	0,71721	8,09925	23,9774	0,81237	3,36989	16,5569	0,82988	0	0	1
23.03.2019	16,8647	37,4853	0,86884	14,1261	30,8346	0,71662	8,11584	23,9774	0,81086	3,38498	16,5569	0,82792	0	0	1
24.03.2019	16,5934	37,4853	0,88296	14,1418	30,8346	0,7154	8,60183	23,9774	0,76687	3,97606	16,5569	0,75483	0	0	1
25.03.2019	16,485	37,4853	0,88833	14,4358	30,8346	0,69268	8,38992	23,9774	0,78599	3,74314	16,5569	0,78222	0	0	1
26.03.2019	16,5587	37,4853	0,88468	14,4084	30,8346	0,6948	8,26037	23,9774	0,79768	3,57767	16,5569	0,80193	0	0	1
27.03.2019	16,5195	37,4853	0,88662	14,3212	30,8346	0,70153	8,26506	23,9774	0,79726	3,65208	16,5569	0,79292	0	0	1
28.03.2019	16,5533	37,4853	0,88494	14,3908	30,8346	0,69616	8,25536	23,9774	0,79814	3,68616	16,5569	0,78892	0	0	1
29.03.2019	16,3915	37,4853	0,89297	14,7351	30,8346	0,66955	8,09999	23,9774	0,8123	3,58719	16,5569	0,80064	0	0	1
30.03.2019	16,3181	37,4853	0,89661	14,8787	30,8346	0,65845	8,12949	23,9774	0,80961	3,66241	16,5569	0,79171	0	0	1
31.03.2019	16,3534	37,4853	0,89486	14,8329	30,8346	0,66199	8,60702	23,9774	0,7664	3,87962	16,5569	0,76617	0	0	1
1.04.2019	16,3294	37,4853	0,89605	14,9432	30,8346	0,65346	8,62805	23,9774	0,7645	3,9553	16,5569	0,75727	0	0	1

2.04.2019	16,5888	37,4853	0,88319	15,066	30,8346	0,64397	8,88508	23,9774	0,74131	4,65405	16,5569	0,67511	0	0	1
3.04.2019	16,4189	37,4853	0,89161	14,8221	30,8346	0,66282	8,43198	23,9774	0,7822	4,3571	16,5569	0,71002	0	0	1
4.04.2019	16,585	37,4853	0,88337	14,8269	30,8346	0,66245	8,35977	23,9774	0,78871	5,04662	16,5569	0,62895	0	0	1
5.04.2019	16,7361	37,4853	0,87588	14,9019	30,8346	0,65665	8,11418	23,9774	0,81101	5,29551	16,5569	0,59968	0	0	1
6.04.2019	16,4741	37,4853	0,88887	14,7535	30,8346	0,66813	7,85421	23,9774	0,83417	5,14245	16,5569	0,61768	0	0	1
7.04.2019	16,3358	37,4853	0,89573	14,8964	30,8346	0,65708	7,59216	23,9774	0,85619	5,19085	16,5569	0,61199	0	0	1
8.04.2019	15,6695	37,4853	0,92477	14,8499	30,8346	0,66068	7,32524	23,9774	0,87726	4,6219	16,5569	0,67889	0	0	1
9.04.2019	15,4694	37,4853	0,93229	14,2425	30,8346	0,70762	7,41764	23,9774	0,87011	4,72652	16,5569	0,66659	0	0	1
10.04.2019	15,5361	37,4853	0,92986	14,6411	30,8346	0,67682	7,35097	23,9774	0,87539	4,5114	16,5569	0,69188	0	0	1
11.04.2019	16,2842	37,4853	0,89829	14,6151	30,8346	0,67883	7,41028	23,9774	0,8707	4,11251	16,5569	0,73878	0	0	1
12.04.2019	16,664	37,4853	0,87945	14,3901	30,8346	0,69622	7,50979	23,9774	0,86276	4,49721	16,5569	0,69355	0	0	1
13.04.2019	16,9902	37,4853	0,86189	14,6607	30,8346	0,6753	7,56235	23,9774	0,85857	4,61491	16,5569	0,67971	0	0	1
14.04.2019	17,1354	37,4853	0,85383	14,583	30,8346	0,6813	7,73129	23,9774	0,84471	5,00419	16,5569	0,63394	0	0	1
15.04.2019	17,0347	37,4853	0,85942	14,5629	30,8346	0,68286	7,68747	23,9774	0,84847	4,98504	16,5569	0,63619	0	0	1
16.04.2019	16,9172	37,4853	0,86593	14,6217	30,8346	0,67831	7,66416	23,9774	0,85044	5,23402	16,5569	0,60691	0	0	1
17.04.2019	17,044	37,4853	0,8589	14,738	30,8346	0,66932	7,67926	23,9774	0,84918	5,07836	16,5569	0,62521	0	0	1
18.04.2019	17,4221	37,4853	0,83684	14,4829	30,8346	0,68904	8,76987	23,9774	0,7517	6,15131	16,5569	0,49905	0	0	1
19.04.2019	17,8695	37,4853	0,80873	14,2875	30,8346	0,70414	10,5193	23,9774	0,59383	6,53358	16,5569	0,4541	0	0	1
20.04.2019	17,9356	37,4853	0,80446	14,3291	30,8346	0,70093	11,0014	23,9774	0,55032	6,63027	16,5569	0,44273	0	0	1
21.04.2019	17,9821	37,4853	0,80145	14,3654	30,8346	0,69812	9,74103	23,9774	0,66406	6,47402	16,5569	0,46111	0	0	1
22.04.2019	18,056	37,4853	0,79643	14,4647	30,8346	0,69045	9,19347	23,9774	0,71348	6,20875	16,5569	0,4923	0	0	1
23.04.2019	18,0839	37,4853	0,79451	14,7675	30,8346	0,66704	8,44393	23,9774	0,78112	5,73076	16,5569	0,5485	0	0	1
24.04.2019	18,0926	37,4853	0,7939	14,688	30,8346	0,67319	8,78244	23,9774	0,75057	5,69571	16,5569	0,55262	0	0	1
25.04.2019	18,1183	37,4853	0,79212	14,817	30,8346	0,66321	8,32508	23,9774	0,79184	5,17331	16,5569	0,61405	0	0	1
26.04.2019	18,1021	37,4853	0,79324	14,7931	30,8346	0,66506	8,4857	23,9774	0,77735	5,30083	16,5569	0,59906	0	0	1
27.04.2019	18,2179	37,4853	0,78523	14,8555	30,8346	0,66024	8,3315	23,9774	0,79126	5,1708	16,5569	0,61435	0	0	1
28.04.2019	18,169	37,4853	0,78861	14,8468	30,8346	0,66091	8,43696	23,9774	0,78175	5,29691	16,5569	0,59952	0	0	1
29.04.2019	18,2197	37,4853	0,7851	14,908	30,8346	0,65618	8,14831	23,9774	0,80789	4,98644	16,5569	0,63602	0	0	1
30.04.2019	18,2472	37,4853	0,7832	14,9288	30,8346	0,65458	8,23813	23,9774	0,79969	5,15793	16,5569	0,61586	0	0	1
1.05.2019	18,42	37,4853	0,77124	14,9668	30,8346	0,65164	8,23647	23,9774	0,79984	5,11292	16,5569	0,62115	0	0	1
2.05.2019	18,3133	37,4853	0,77862	14,957	30,8346	0,6524	8,5678	23,9774	0,76994	5,55244	16,5569	0,56947	0	0	1
3.05.2019	18,3835	37,4853	0,77376	14,994	30,8346	0,64954	8,57404	23,9774	0,76938	5,64219	16,5569	0,55892	0	0	1
4.05.2019	18,4365	37,4853	0,7701	15,0453	30,8346	0,64557	8,34632	23,9774	0,78993	5,41138	16,5569	0,58606	0	0	1
5.05.2019	18,4049	37,4853	0,77228	15,0862	30,8346	0,64241	8,38317	23,9774	0,7866	5,39964	16,5569	0,58744	0	0	1
6.05.2019	18,7068	37,4853	0,75138	15,106	30,8346	0,64088	8,21507	23,9774	0,80179	5,26838	16,5569	0,60287	0	0	1
7.05.2019	18,7736	37,4853	0,74676	15,1962	30,8346	0,63391	8,11435	23,9774	0,81099	4,94327	16,5569	0,6411	0	0	1
8.05.2019	18,7837	37,4853	0,74606	15,2267	30,8346	0,63155	8,10376	23,9774	0,81196	4,85337	16,5569	0,65167	0	0	1
9.05.2019	18,806	37,4853	0,74452	15,2948	30,8346	0,62628	8,02767	23,9774	0,81891	4,44668	16,5569	0,69949	0	0	1
10.05.2019	18,91	37,4853	0,73732	15,3086	30,8346	0,62522	8,08367	23,9774	0,8138	4,60792	16,5569	0,68053	0	0	1
11.05.2019	18,9566	37,4853	0,73409	15,298	30,8346	0,62604	8,14345	23,9774	0,80834	5,1012	16,5569	0,62253	0	0	1

12.05.2019	18,9953	37,4853	0,73141	15,361	30,8346	0,62117	8,13124	23,9774	0,80945	4,92579	16,5569	0,64316	0	0	1
13.05.2019	19,2232	37,4853	0,71563	14,972	30,8346	0,65124	8,23638	23,9774	0,79985	5,58072	16,5569	0,56615	0	0	1
14.05.2019	19,151	37,4853	0,72063	14,857	30,8346	0,66013	8,24413	23,9774	0,79915	5,73589	16,5569	0,5479	0	0	1
15.05.2019	18,3801	37,4853	0,774	13,7884	30,8346	0,74272	8,58166	23,9774	0,76869	7,42166	16,5569	0,34968	0	0	1
16.05.2019	17,831	37,4853	0,81122	13,8149	30,8346	0,74067	8,44396	23,9774	0,78112	7,27975	16,5569	0,36636	0	0	1
17.05.2019	19,1665	37,4853	0,71956	14,5885	30,8346	0,68088	8,34897	23,9774	0,78969	6,39512	16,5569	0,47038	0	0	1
18.05.2019	23,4714	37,4853	0,42155	13,8748	30,8346	0,73604	9,22786	23,9774	0,71037	7,18031	16,5569	0,37806	0	0	1
19.05.2019	20,2656	37,4853	0,64347	13,5264	30,8346	0,76297	9,8663	23,9774	0,65276	7,67175	16,5569	0,32027	0	0	1
20.05.2019	21,3081	37,4853	0,5713	13,6502	30,8346	0,7534	9,60981	23,9774	0,6759	7,50192	16,5569	0,34024	0	0	1
21.05.2019	27,5145	37,4853	0,16508	13,5343	30,8346	0,76236	10,806	23,9774	0,56796	7,49545	16,5569	0,341	0	0	1
22.05.2019	26,7257	37,4853	0,19768	13,8497	30,8346	0,73798	9,93814	23,9774	0,64627	7,402	16,5569	0,35199	0	0	1
23.05.2019	26,5805	37,4853	0,20631	13,5741	30,8346	0,75929	10,0779	23,9774	0,63366	7,46425	16,5569	0,34467	0	0	1
24.05.2019	29,0156	37,4853	0,11484	13,4441	30,8346	0,76933	11,4239	23,9774	0,5122	7,50516	16,5569	0,33986	0	0	1
25.05.2019	30,2068	37,4853	0,08407	13,5464	30,8346	0,76142	11,8724	23,9774	0,47172	7,5537	16,5569	0,33415	0	0	1
26.05.2019	26,7627	37,4853	0,1961	13,5559	30,8346	0,76069	11,2629	23,9774	0,52672	7,71003	16,5569	0,31577	0	0	1
27.05.2019	25,0028	37,4853	0,31553	13,3603	30,8346	0,77581	11,9039	23,9774	0,46888	7,80297	16,5569	0,30484	0	0	1
28.05.2019	24,5796	37,4853	0,34483	13,5275	30,8346	0,76289	10,9858	23,9774	0,55173	7,82969	16,5569	0,3017	0	0	1
29.05.2019	24,7578	37,4853	0,33249	13,4633	30,8346	0,76785	11,2912	23,9774	0,52416	7,82562	16,5569	0,30218	0	0	1
30.05.2019	24,126	37,4853	0,37623	13,6914	30,8346	0,75021	9,39281	23,9774	0,69549	7,70209	16,5569	0,3167	0	0	1
31.05.2019	23,4782	37,4853	0,42107	13,6228	30,8346	0,75552	10,4078	23,9774	0,60389	7,88946	16,5569	0,29467	0	0	1
1.06.2019	23,2628	37,4853	0,43598	13,409	30,8346	0,77205	10,6519	23,9774	0,58186	7,91188	16,5569	0,29204	0	0	1
2.06.2019	22,5042	37,4853	0,4885	13,4053	30,8346	0,77233	10,9819	23,9774	0,55208	8,01919	16,5569	0,27942	0	0	1
3.06.2019	21,5732	37,4853	0,55295	13,7582	30,8346	0,74506	8,99484	23,9774	0,7314	7,85382	16,5569	0,29886	0	0	1
4.06.2019	21,1434	37,4853	0,58271	13,979	30,8346	0,72799	8,42918	23,9774	0,78245	6,86173	16,5569	0,41552	0	0	1
5.06.2019	22,2337	37,4853	0,50723	13,8868	30,8346	0,73511	8,61989	23,9774	0,76524	7,49377	16,5569	0,3412	0	0	1
6.06.2019	22,4706	37,4853	0,49083	13,8452	30,8346	0,73833	8,6363	23,9774	0,76376	7,55588	16,5569	0,3339	0	0	1
7.06.2019	22,4581	37,4853	0,49169	14,0226	30,8346	0,72461	8,70964	23,9774	0,75714	7,69851	16,5569	0,31713	0	0	1
8.06.2019	22,7021	37,4853	0,4748	13,9995	30,8346	0,7264	8,83191	23,9774	0,74611	7,62625	16,5569	0,32562	0	0	1
9.06.2019	23,0905	37,4853	0,44791	14,1639	30,8346	0,7137	8,53827	23,9774	0,7726	6,79706	16,5569	0,42312	0	0	1
10.06.2019	23,217	37,4853	0,43915	14,0506	30,8346	0,72245	8,71189	23,9774	0,75694	7,46113	16,5569	0,34504	0	0	1
11.06.2019	23,1604	37,4853	0,44307	14,0676	30,8346	0,72114	8,56354	23,9774	0,77032	7,5165	16,5569	0,33853	0	0	1
12.06.2019	23,189	37,4853	0,4411	14,0676	30,8346	0,72114	9,47124	23,9774	0,68841	8,33274	16,5569	0,24255	0	0	1
13.06.2019	22,6611	37,4853	0,47764	14,2864	30,8346	0,70423	9,45356	23,9774	0,69	8,10388	16,5569	0,26946	0	0	1
14.06.2019	22,9238	37,4853	0,45946	14,7305	30,8346	0,6699	8,51067	23,9774	0,7751	7,2104	16,5569	0,37452	0	0	1
15.06.2019	22,1027	37,4853	0,5163	14,9796	30,8346	0,65065	8,5147	23,9774	0,77473	6,81829	16,5569	0,42063	0	0	1
16.06.2019	22,4512	37,4853	0,49217	15,0106	30,8346	0,64826	8,50261	23,9774	0,77582	6,55711	16,5569	0,45134	0	0	1
17.06.2019	22,4071	37,4853	0,49523	15,1073	30,8346	0,64078	8,6984	23,9774	0,75815	7,43664	16,5569	0,34792	0	0	1
18.06.2019	20,3556	37,4853	0,63724	15,0841	30,8346	0,64257	8,79209	23,9774	0,7497	7,08588	16,5569	0,38916	0	0	1
19.06.2019	19,7119	37,4853	0,6818	15,0343	30,8346	0,64642	8,86546	23,9774	0,74308	7,14773	16,5569	0,38189	0	0	1
20.06.2019	21,1671	37,4853	0,58106	15,1666	30,8346	0,6362	9,6299	23,9774	0,67409	8,16434	16,5569	0,26235	0	0	1

21.06.2019	19,6352	37,4853	0,68711	15,0699	30,8346	0,64367	11,091	23,9774	0,54223	8,26686	16,5569	0,2503	0	0	1
22.06.2019	19,0932	37,4853	0,72463	15,1068	30,8346	0,64082	9,93348	23,9774	0,64669	8,08517	16,5569	0,27166	0	0	1
23.06.2019	20,0117	37,4853	0,66105	15,1338	30,8346	0,63873	9,52403	23,9774	0,68364	8,12442	16,5569	0,26704	0	0	1
24.06.2019	19,6097	37,4853	0,68888	15,2196	30,8346	0,6321	9,42536	23,9774	0,69255	8,22212	16,5569	0,25556	0	0	1
25.06.2019	20,394	37,4853	0,63458	15,2255	30,8346	0,63165	8,87047	23,9774	0,74263	7,77982	16,5569	0,30756	0	0	1
26.06.2019	22,7658	37,4853	0,4704	15,2692	30,8346	0,62826	8,7564	23,9774	0,75292	8,23341	16,5569	0,25423	0	0	1
27.06.2019	22,369	37,4853	0,49786	15,3029	30,8346	0,62566	8,7354	23,9774	0,75481	7,15354	16,5569	0,3812	0	0	1
28.06.2019	22,3772	37,4853	0,49729	15,3732	30,8346	0,62023	8,74009	23,9774	0,75439	7,39837	16,5569	0,35242	0	0	1
29.06.2019	22,5239	37,4853	0,48714	15,4248	30,8346	0,61624	8,75637	23,9774	0,75292	8,00706	16,5569	0,28084	0	0	1
30.06.2019	22,604	37,4853	0,48159	15,4818	30,8346	0,61183	8,79223	23,9774	0,74969	6,3602	16,5569	0,47449	0	0	1
1.07.2019	22,7471	37,4853	0,47169	15,5371	30,8346	0,60756	8,81173	23,9774	0,74793	6,33519	16,5569	0,47743	0	0	1
2.07.2019	23,0081	37,4853	0,45362	15,5451	30,8346	0,60694	8,82314	23,9774	0,7469	5,74446	16,5569	0,54689	0	0	1
3.07.2019	23,7283	37,4853	0,40376	15,6856	30,8346	0,59608	8,84153	23,9774	0,74524	6,14362	16,5569	0,49996	0	0	1
4.07.2019	22,9655	37,4853	0,45656	15,8008	30,8346	0,58718	8,86696	23,9774	0,74294	6,27232	16,5569	0,48482	0	0	1
5.07.2019	23,092	37,4853	0,44781	15,7964	30,8346	0,58752	8,88847	23,9774	0,741	6,07867	16,5569	0,50759	0	0	1
6.07.2019	21,8025	37,4853	0,53708	15,7441	30,8346	0,59156	8,90198	23,9774	0,73978	5,7835	16,5569	0,5423	0	0	1
7.07.2019	23,8897	37,4853	0,39259	15,8789	30,8346	0,58114	8,93307	23,9774	0,73698	6,2966	16,5569	0,48197	0	0	1
8.07.2019	21,9559	37,4853	0,52646	15,6893	30,8346	0,5958	8,9535	23,9774	0,73513	6,27829	16,5569	0,48412	0	0	1
9.07.2019	22,0391	37,4853	0,5207	15,7141	30,8346	0,59388	8,9774	23,9774	0,73298	5,8471	16,5569	0,53482	0	0	1
10.07.2019	22,6761	37,4853	0,4766	15,5493	30,8346	0,60662	9,0039	23,9774	0,73058	5,31606	16,5569	0,59726	0	0	1
11.07.2019	23,6369	37,4853	0,41009	15,7421	30,8346	0,59172	9,01969	23,9774	0,72916	4,76411	16,5569	0,66217	0	0	1
12.07.2019	22,627	37,4853	0,48	15,7004	30,8346	0,59493	9,0895	23,9774	0,72286	5,39489	16,5569	0,588	0	0	1
13.07.2019	22,0813	37,4853	0,51778	15,6541	30,8346	0,59851	9,11017	23,9774	0,72099	5,16244	16,5569	0,61533	0	0	1
14.07.2019	23,3958	37,4853	0,42678	15,9991	30,8346	0,57185	9,10744	23,9774	0,72124	4,60422	16,5569	0,68097	0	0	1
15.07.2019	23,7809	37,4853	0,40012	15,7553	30,8346	0,59069	9,1125	23,9774	0,72078	4,44226	16,5569	0,70001	0	0	1
16.07.2019	24,0684	37,4853	0,38022	15,9423	30,8346	0,57624	9,11921	23,9774	0,72018	3,73163	16,5569	0,78357	0	0	1
17.07.2019	22,7905	37,4853	0,46868	15,8492	30,8346	0,58344	9,18013	23,9774	0,71468	4,05365	16,5569	0,7457	0	0	1
18.07.2019	23,8746	37,4853	0,39363	16,2831	30,8346	0,5499	9,16309	23,9774	0,71622	4,7043	16,5569	0,6692	0	0	1
19.07.2019	22,7387	37,4853	0,47227	16,0511	30,8346	0,56783	9,16678	23,9774	0,71589	4,59994	16,5569	0,68147	0	0	1
20.07.2019	22,8695	37,4853	0,46321	16,2056	30,8346	0,55589	9,19029	23,9774	0,71376	5,14823	16,5569	0,617	0	0	1
21.07.2019	24,3973	37,4853	0,35745	16,388	30,8346	0,54179	9,19315	23,9774	0,71351	5,19957	16,5569	0,61096	0	0	1
22.07.2019	23,6429	37,4853	0,40968	16,351	30,8346	0,54465	9,22136	23,9774	0,71096	5,04955	16,5569	0,6286	0	0	1
23.07.2019	23,5549	37,4853	0,41577	16,3107	30,8346	0,54777	9,2399	23,9774	0,70929	4,65069	16,5569	0,6755	0	0	1
24.07.2019	23,8383	37,4853	0,39614	16,3158	30,8346	0,54737	9,25675	23,9774	0,70777	4,55553	16,5569	0,68669	0	0	1
25.07.2019	23,8497	37,4853	0,39536	16,2666	30,8346	0,55118	9,27494	23,9774	0,70612	4,53752	16,5569	0,68881	0	0	1
26.07.2019	23,8898	37,4853	0,39258	16,3461	30,8346	0,54503	9,28356	23,9774	0,70535	4,53103	16,5569	0,68957	0	0	1
27.07.2019	24,9807	37,4853	0,31707	16,5294	30,8346	0,53087	9,28726	23,9774	0,70501	4,3726	16,5569	0,7082	0	0	1
28.07.2019	25,4513	37,4853	0,28448	16,6805	30,8346	0,51918	9,28969	23,9774	0,70479	4,43846	16,5569	0,70046	0	0	1
29.07.2019	25,2618	37,4853	0,2976	15,8096	30,8346	0,5865	9,27761	23,9774	0,70588	4,10835	16,5569	0,73927	0	0	1
30.07.2019	25,1189	37,4853	0,3075	15,7395	30,8346	0,59192	9,30015	23,9774	0,70385	4,00781	16,5569	0,75109	0	0	1

31.07.2019	25,0107	37,4853	0,31498	15,3894	30,8346	0,61898	9,30899	23,9774	0,70305	4,2147	16,5569	0,72677	0	0	1
1.08.2019	24,3731	37,4853	0,35913	15,4598	30,8346	0,61354	9,36369	23,9774	0,69811	4,49772	16,5569	0,69349	0	0	1
2.08.2019	24,7611	37,4853	0,33227	15,3999	30,8346	0,61816	9,32826	23,9774	0,70131	4,27436	16,5569	0,71975	0	0	1
3.08.2019	24,9196	37,4853	0,32129	15,1918	30,8346	0,63425	9,31341	23,9774	0,70265	4,21068	16,5569	0,72724	0	0	1
4.08.2019	25,0987	37,4853	0,30889	14,892	30,8346	0,65742	9,29745	23,9774	0,70409	4,11	16,5569	0,73908	0	0	1
5.08.2019	25,0387	37,4853	0,31305	14,874	30,8346	0,65881	9,31935	23,9774	0,70212	4,19645	16,5569	0,72891	0	0	1
6.08.2019	25,1217	37,4853	0,3073	15,0636	30,8346	0,64415	9,34884	23,9774	0,69945	4,13847	16,5569	0,73573	0	0	1
7.08.2019	24,5486	37,4853	0,34697	14,7938	30,8346	0,66501	9,477	23,9774	0,68789	4,65321	16,5569	0,67521	0	0	1
8.08.2019	23,9096	37,4853	0,39121	14,7777	30,8346	0,66625	9,61087	23,9774	0,67581	5,13312	16,5569	0,61878	0	0	1
9.08.2019	24,4116	37,4853	0,35646	14,6886	30,8346	0,67314	9,5607	23,9774	0,68034	4,74529	16,5569	0,66438	0	0	1
10.08.2019	24,5276	37,4853	0,34843	15,0072	30,8346	0,64851	9,6006	23,9774	0,67673	4,71999	16,5569	0,66735	0	0	1
11.08.2019	24,388	37,4853	0,35809	14,8902	30,8346	0,65756	9,56748	23,9774	0,67972	4,81742	16,5569	0,6559	0	0	1
12.08.2019	24,3522	37,4853	0,36057	14,8622	30,8346	0,65972	9,57343	23,9774	0,67919	4,80476	16,5569	0,65739	0	0	1
13.08.2019	24,5875	37,4853	0,34428	14,9376	30,8346	0,6539	9,56606	23,9774	0,67985	4,63055	16,5569	0,67787	0	0	1
14.08.2019	25,2261	37,4853	0,30007	15,1543	30,8346	0,63715	9,55278	23,9774	0,68105	4,17791	16,5569	0,73109	0	0	1
15.08.2019	25,1417	37,4853	0,30591	15,1682	30,8346	0,63607	9,58959	23,9774	0,67773	4,38926	16,5569	0,70624	0	0	1
16.08.2019	25,221	37,4853	0,30042	15,2512	30,8346	0,62966	9,5733	23,9774	0,6792	4,28053	16,5569	0,71903	0	0	1
17.08.2019	25,3067	37,4853	0,2945	15,1415	30,8346	0,63814	9,54344	23,9774	0,68189	4,21996	16,5569	0,72615	0	0	1
18.08.2019	25,2826	37,4853	0,29616	15,1355	30,8346	0,6386	9,57401	23,9774	0,67913	4,32618	16,5569	0,71366	0	0	1
19.08.2019	25,0796	37,4853	0,31022	15,0681	30,8346	0,64381	9,59393	23,9774	0,67734	4,48562	16,5569	0,69491	0	0	1
20.08.2019	25,1315	37,4853	0,30662	15,121	30,8346	0,63972	9,59693	23,9774	0,67707	4,28452	16,5569	0,71856	0	0	1
21.08.2019	25,4367	37,4853	0,28549	15,2904	30,8346	0,62663	9,57749	23,9774	0,67882	4,05329	16,5569	0,74575	0	0	1
22.08.2019	25,3795	37,4853	0,28945	15,2955	30,8346	0,62624	9,58281	23,9774	0,67834	4,04356	16,5569	0,74689	0	0	1
23.08.2019	25,4897	37,4853	0,28182	15,4265	30,8346	0,61611	9,58009	23,9774	0,67859	4,0847	16,5569	0,74205	0	0	1
24.08.2019	25,651	37,4853	0,27066	15,4204	30,8346	0,61658	9,58219	23,9774	0,6784	3,91875	16,5569	0,76157	0	0	1
25.08.2019	25,7218	37,4853	0,26576	15,5978	30,8346	0,60287	9,59768	23,9774	0,677	3,86347	16,5569	0,76807	0	0	1
26.08.2019	25,8435	37,4853	0,25733	15,5888	30,8346	0,60357	9,59098	23,9774	0,6776	3,89089	16,5569	0,76484	0	0	1
27.08.2019	25,8962	37,4853	0,25368	15,5963	30,8346	0,60298	9,61257	23,9774	0,67565	3,76015	16,5569	0,78022	0	0	1
28.08.2019	25,9012	37,4853	0,25334	15,505	30,8346	0,61004	9,63266	23,9774	0,67384	3,16222	16,5569	0,85656	0	0	1
29.08.2019	26,1113	37,4853	0,2388	15,6753	30,8346	0,59687	9,6276	23,9774	0,6743	2,83721	16,5569	0,89512	0	0	1
30.08.2019	26,0259	37,4853	0,2447	15,775	30,8346	0,58917	9,61976	23,9774	0,67501	2,90034	16,5569	0,8879	0	0	1
31.08.2019	26,3792	37,4853	0,22025	15,9532	30,8346	0,5754	9,62957	23,9774	0,67412	2,73751	16,5569	0,90614	0	0	1
1.09.2019	26,4417	37,4853	0,21592	15,6888	30,8346	0,59583	9,58861	23,9774	0,67782	2,75469	16,5569	0,90431	0	0	1
2.09.2019	26,2787	37,4853	0,2272	15,4995	30,8346	0,61046	9,60257	23,9774	0,67656	3,04488	16,5569	0,87106	0	0	1
3.09.2019	26,5133	37,4853	0,21096	15,13	30,8346	0,63903	9,58295	23,9774	0,67833	2,94492	16,5569	0,88279	0	0	1
4.09.2019	26,7187	37,4853	0,19799	15,2068	30,8346	0,63309	9,62548	23,9774	0,67449	2,84411	16,5569	0,89433	0	0	1
5.09.2019	26,5492	37,4853	0,20848	15,2062	30,8346	0,63314	9,65553	23,9774	0,67178	3,03944	16,5569	0,87173	0	0	1
6.09.2019	26,618	37,4853	0,20372	15,2319	30,8346	0,63115	9,71642	23,9774	0,66628	2,90608	16,5569	0,88724	0	0	1
7.09.2019	26,5696	37,4853	0,20707	15,546	30,8346	0,60687	9,64586	23,9774	0,67265	2,95031	16,5569	0,88218	0	0	1
8.09.2019	26,6218	37,4853	0,20346	15,4547	30,8346	0,61393	9,52668	23,9774	0,68341	2,89564	16,5569	0,88843	0	0	1

9.09.2019	26,7107	37,4853	0,19833	15,2591	30,8346	0,62904	9,54727	23,9774	0,68155	2,82036	16,5569	0,89705	0	0	1
10.09.2019	26,7999	37,4853	0,19451	15,2735	30,8346	0,62793	9,58589	23,9774	0,67806	2,73545	16,5569	0,90636	0	0	1
11.09.2019	27,1229	37,4853	0,18067	14,9742	30,8346	0,65107	9,56815	23,9774	0,67966	2,5443	16,5569	0,92571	0	0	1
12.09.2019	27,2131	37,4853	0,17681	14,6828	30,8346	0,67359	9,55197	23,9774	0,68112	2,52413	16,5569	0,92762	0	0	1
13.09.2019	27,2567	37,4853	0,17494	14,7009	30,8346	0,67219	9,55364	23,9774	0,68097	2,52883	16,5569	0,92717	0	0	1
14.09.2019	27,3007	37,4853	0,17326	14,6854	30,8346	0,67339	9,57282	23,9774	0,67924	2,57978	16,5569	0,92225	0	0	1
15.09.2019	27,398	37,4853	0,16953	14,5054	30,8346	0,6873	9,60246	23,9774	0,67657	2,46077	16,5569	0,93351	0	0	1
16.09.2019	27,4654	37,4853	0,16696	14,9025	30,8346	0,65661	9,65722	23,9774	0,67163	2,50415	16,5569	0,9295	0	0	1
17.09.2019	27,4813	37,4853	0,16635	14,897	30,8346	0,65704	9,63437	23,9774	0,67369	2,65935	16,5569	0,9143	0	0	1
18.09.2019	27,4704	37,4853	0,16677	15,0108	30,8346	0,64824	9,62769	23,9774	0,67429	2,85665	16,5569	0,8929	0	0	1
19.09.2019	27,4574	37,4853	0,16726	15,1071	30,8346	0,64079	9,63842	23,9774	0,67332	2,69202	16,5569	0,91093	0	0	1
20.09.2019	27,5939	37,4853	0,16204	15,2748	30,8346	0,62783	9,6385	23,9774	0,67331	2,69603	16,5569	0,91051	0	0	1
21.09.2019	27,7433	37,4853	0,15632	15,3821	30,8346	0,61954	9,63952	23,9774	0,67322	2,69156	16,5569	0,91098	0	0	1
22.09.2019	27,7626	37,4853	0,15558	15,3661	30,8346	0,62077	9,65525	23,9774	0,6718	2,52596	16,5569	0,92744	0	0	1
23.09.2019	27,8033	37,4853	0,15403	15,6749	30,8346	0,59691	9,66837	23,9774	0,67062	2,49237	16,5569	0,9306	0	0	1
24.09.2019	27,6643	37,4853	0,15934	16,5588	30,8346	0,52859	9,78119	23,9774	0,66044	2,28792	16,5569	0,94827	0	0	1
25.09.2019	27,8679	37,4853	0,15155	16,4145	30,8346	0,53975	9,76381	23,9774	0,66201	2,20243	16,5569	0,95492	0	0	1
26.09.2019	27,9426	37,4853	0,14886	16,5832	30,8346	0,5267	9,81505	23,9774	0,65738	2,11077	16,5569	0,96145	0	0	1
27.09.2019	28,0151	37,4853	0,14644	16,5921	30,8346	0,52601	9,82214	23,9774	0,65674	2,14144	16,5569	0,95934	0	0	1
28.09.2019	28,083	37,4853	0,14417	16,5636	30,8346	0,52822	9,83494	23,9774	0,65559	2,13272	16,5569	0,95997	0	0	1
29.09.2019	28,1186	37,4853	0,14298	16,546	30,8346	0,52958	9,84618	23,9774	0,65457	2,07912	16,5569	0,96358	0	0	1
30.09.2019	28,1719	37,4853	0,1412	16,5732	30,8346	0,52747	9,8509	23,9774	0,65415	2,12984	16,5569	0,96017	0	0	1
1.10.2019	28,2225	37,4853	0,13951	16,4705	30,8346	0,53541	9,8499	23,9774	0,65424	2,11737	16,5569	0,96101	0	0	1
2.10.2019	28,2739	37,4853	0,13779	16,5226	30,8346	0,53139	9,86209	23,9774	0,65314	2,13482	16,5569	0,95982	0	0	1
3.10.2019	28,3247	37,4853	0,13609	16,5371	30,8346	0,53027	9,87057	23,9774	0,65237	2,11608	16,5569	0,96109	0	0	1
4.10.2019	28,3732	37,4853	0,13447	16,6209	30,8346	0,52379	9,88165	23,9774	0,65137	2,12532	16,5569	0,96047	0	0	1
5.10.2019	28,4191	37,4853	0,13294	16,6889	30,8346	0,51853	9,89619	23,9774	0,65006	2,10977	16,5569	0,96152	0	0	1
6.10.2019	28,4727	37,4853	0,13115	16,7243	30,8346	0,5158	9,91776	23,9774	0,64811	2,05351	16,5569	0,96529	0	0	1
7.10.2019	28,4788	37,4853	0,13094	16,6484	30,8346	0,52167	9,91991	23,9774	0,64792	2,13313	16,5569	0,95994	0	0	1
8.10.2019	28,532	37,4853	0,12916	16,591	30,8346	0,5261	9,92763	23,9774	0,64722	2,11822	16,5569	0,96095	0	0	1
9.10.2019	28,4181	37,4853	0,13297	16,5086	30,8346	0,53247	9,93577	23,9774	0,64649	2,2985	16,5569	0,94742	0	0	1
10.10.2019	28,4536	37,4853	0,13178	16,4369	30,8346	0,53801	9,95016	23,9774	0,64519	2,2608	16,5569	0,95044	0	0	1
11.10.2019	28,6096	37,4853	0,12657	16,4787	30,8346	0,53478	9,9658	23,9774	0,64378	2,19047	16,5569	0,95579	0	0	1
12.10.2019	28,6289	37,4853	0,12593	16,557	30,8346	0,52873	9,98647	23,9774	0,64191	2,26301	16,5569	0,95027	0	0	1
13.10.2019	28,4803	37,4853	0,13089	16,4997	30,8346	0,53316	10,0031	23,9774	0,64041	2,3314	16,5569	0,94475	0	0	1
14.10.2019	28,5223	37,4853	0,12949	16,51	30,8346	0,53236	10,0138	23,9774	0,63944	2,3469	16,5569	0,94343	0	0	1
15.10.2019	28,5462	37,4853	0,12869	16,5581	30,8346	0,52865	10,0321	23,9774	0,63779	2,35226	16,5569	0,94298	0	0	1
16.10.2019	28,6964	37,4853	0,12387	16,7216	30,8346	0,51601	10,0506	23,9774	0,63612	2,32093	16,5569	0,9456	0	0	1
17.10.2019	28,6706	37,4853	0,1246	16,6575	30,8346	0,52096	10,0647	23,9774	0,63485	2,37465	16,5569	0,94109	0	0	1
18.10.2019	28,7404	37,4853	0,12263	16,6896	30,8346	0,51848	10,0826	23,9774	0,63324	2,35707	16,5569	0,94257	0	0	1

18.10.2019	28,7404	37,4853	0,12263	16,6896	30,8346	0,51848	10,0826	23,9774	0,63324	2,35707	16,5569	0,94257	0	0	1
19.10.2019	28,8529	37,4853	0,11944	16,7343	30,8346	0,51503	10,0995	23,9774	0,63172	2,3669	16,5569	0,94174	0	0	1
20.10.2019	28,9543	37,4853	0,11657	16,7819	30,8346	0,51134	10,1161	23,9774	0,63022	2,43275	16,5569	0,93604	0	0	1
21.10.2019	28,9927	37,4853	0,11549	16,8237	30,8346	0,50811	10,1314	23,9774	0,62883	2,44579	16,5569	0,93489	0	0	1
22.10.2019	29,0525	37,4853	0,1138	16,8073	30,8346	0,50938	10,1488	23,9774	0,62726	2,42074	16,5569	0,93709	0	0	1
23.10.2019	28,9931	37,4853	0,11548	16,8416	30,8346	0,50673	10,1691	23,9774	0,62543	2,25914	16,5569	0,95056	0	0	1
24.10.2019	28,9437	37,4853	0,11687	16,7894	30,8346	0,51077	10,1827	23,9774	0,6242	2,29555	16,5569	0,94765	0	0	1
25.10.2019	29,1254	37,4853	0,11173	16,4626	30,8346	0,53603	10,1784	23,9774	0,62459	2,38155	16,5569	0,9405	0	0	1
26.10.2019	29,1285	37,4853	0,11165	16,4475	30,8346	0,53719	10,1847	23,9774	0,62403	2,44575	16,5569	0,93489	0	0	1
27.10.2019	29,1985	37,4853	0,10967	16,3192	30,8346	0,54711	10,1827	23,9774	0,62421	2,46349	16,5569	0,93326	0	0	1
28.10.2019	29,2994	37,4853	0,10681	16,013	30,8346	0,57078	10,1824	23,9774	0,62423	2,49238	16,5569	0,9306	0	0	1
29.10.2019	29,3481	37,4853	0,10543	15,9824	30,8346	0,57314	10,197	23,9774	0,62291	2,5532	16,5569	0,92486	0	0	1
30.10.2019	29,3996	37,4853	0,10397	15,9538	30,8346	0,57535	10,2015	23,9774	0,62251	2,48892	16,5569	0,93092	0	0	1
31.10.2019	29,4316	37,4853	0,10307	16,0315	30,8346	0,56935	10,2079	23,9774	0,62193	2,50288	16,5569	0,92962	0	0	1
1.11.2019	29,4949	37,4853	0,10128	15,9943	30,8346	0,57222	10,2075	23,9774	0,62197	2,49568	16,5569	0,9303	0	0	1
2.11.2019	29,5086	37,4853	0,10089	15,8491	30,8346	0,58345	10,1943	23,9774	0,62315	2,50547	16,5569	0,92938	0	0	1
3.11.2019	29,5522	37,4853	0,09969	15,967	30,8346	0,57433	10,2247	23,9774	0,62042	2,52238	16,5569	0,92778	0	0	1
4.11.2019	29,6514	37,4853	0,0972	16,1123	30,8346	0,5631	10,2457	23,9774	0,61852	2,58951	16,5569	0,9213	0	0	1
5.11.2019	29,6795	37,4853	0,09649	16,2211	30,8346	0,55469	10,2563	23,9774	0,61756	2,61543	16,5569	0,91872	0	0	1
6.11.2019	29,7418	37,4853	0,09492	16,4017	30,8346	0,54073	10,2851	23,9774	0,61496	2,64359	16,5569	0,9159	0	0	1
7.11.2019	29,3568	37,4853	0,10519	16,5265	30,8346	0,53109	10,2931	23,9774	0,61424	2,69415	16,5569	0,91071	0	0	1
8.11.2019	29,6548	37,4853	0,09711	16,6171	30,8346	0,52408	10,3288	23,9774	0,61102	2,60514	16,5569	0,91976	0	0	1
9.11.2019	18,444	37,4853	0,76958	10,6438	30,8346	0,94126	9,05054	23,9774	0,72637	4,26753	16,5569	0,72056	0	0	1
10.11.2019	18,7091	37,4853	0,75123	10,6963	30,8346	0,9392	9,96335	23,9774	0,644	4,08815	16,5569	0,74165	0	0	1
11.11.2019	245,505	37,4853	0,001	17,4153	30,8346	0,46239	10,3737	23,9774	0,60697	2,1715	16,5569	0,95716	1	1	1
12.11.2019	245,846	37,4853	0,001	17,4417	30,8346	0,46035	10,3912	23,9774	0,60539	2,24128	16,5569	0,95194	1	1	1
13.11.2019	246,209	37,4853	0,001	17,4477	30,8346	0,45989	10,4101	23,9774	0,60368	2,28274	16,5569	0,94869	1	1	1
14.11.2019	246,574	37,4853	0,001	17,4954	30,8346	0,4562	10,4294	23,9774	0,60194	2,28653	16,5569	0,94838	1	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
21.05.2018	52,4575	71,4894	0,33708	29,9449	49,3657	0,52841	12,1917	31,1526	0,79856	1,30802	16,5569	0,9953	0	0
22.05.2018	54,1308	71,4894	0,26704	30,8643	49,3657	0,47994	12,645	31,1526	0,76604	1,13472	16,5569	0,99745	0	0
23.05.2018	55,8677	71,4894	0,19624	32,5338	49,3657	0,39192	13,604	31,1526	0,69725	1,1615	16,5569	0,99712	0	0
24.05.2018	56,9348	71,4894	0,16735	33,1767	49,3657	0,35802	13,8902	31,1526	0,67672	1,26687	16,5569	0,99581	0	0
25.05.2018	57,1423	71,4894	0,16215	33,1683	49,3657	0,35847	14,2279	31,1526	0,65249	1,33113	16,5569	0,99501	0	0
26.05.2018	58,0703	71,4894	0,1402	33,6076	49,3657	0,33531	14,5458	31,1526	0,62969	1,34721	16,5569	0,99462	0	0
27.05.2018	57,5539	71,4894	0,15182	33,434	49,3657	0,34446	14,7808	31,1526	0,61283	1,29126	16,5569	0,99551	0	0
28.05.2018	56,746	71,4894	0,17209	31,9457	49,3657	0,42292	14,3826	31,1526	0,6414	1,2926	16,5569	0,99549	0	0
29.05.2018	58,2131	71,4894	0,13705	32,9774	49,3657	0,36853	14,9516	31,1526	0,60058	1,35712	16,5569	0,99438	0	0
30.05.2018	58,8207	71,4894	0,12384	33,1103	49,3657	0,36153	14,8752	31,1526	0,60606	1,40422	16,5569	0,9932	0	0
31.05.2018	59,0529	71,4894	0,11947	33,5742	49,3657	0,33707	15,3825	31,1526	0,56967	1,38522	16,5569	0,99367	0	0
1.06.2018	58,9948	71,4894	0,12057	33,7674	49,3657	0,32688	15,4232	31,1526	0,56675	1,41296	16,5569	0,99298	0	0
2.06.2018	58,7943	71,4894	0,12434	32,5335	49,3657	0,39193	13,9858	31,1526	0,66986	1,44135	16,5569	0,99227	0	0
3.06.2018	59,1769	71,4894	0,11714	32,9366	49,3657	0,37068	14,1195	31,1526	0,66027	1,49881	16,5569	0,99083	0	0
4.06.2018	58,9793	71,4894	0,12086	32,4281	49,3657	0,39749	13,7679	31,1526	0,68549	1,47289	16,5569	0,99148	0	0
5.06.2018	57,1268	71,4894	0,16254	31,104	49,3657	0,4673	11,958	31,1526	0,81473	1,48967	16,5569	0,99106	0	0
6.06.2018	55,3786	71,4894	0,21482	29,6033	49,3657	0,54642	9,99221	31,1526	0,92532	1,60788	16,5569	0,98734	0	0
7.06.2018	57,1601	71,4894	0,1617	30,6977	49,3657	0,48872	10,7144	31,1526	0,89054	1,60135	16,5569	0,98757	0	0
8.06.2018	58,5705	71,4894	0,12916	31,3576	49,3657	0,45393	10,0073	31,1526	0,92467	1,92228	16,5569	0,97315	0	0
9.06.2018	58,8258	71,4894	0,12375	31,2848	49,3657	0,45777	10,116	31,1526	0,91996	1,68019	16,5569	0,98476	0	0
10.06.2018	60,0212	71,4894	0,10126	33,2004	49,3657	0,35678	11,8208	31,1526	0,8242	1,61391	16,5569	0,98713	0	0
11.06.2018	58,9391	71,4894	0,12161	32,9875	49,3657	0,368	11,2282	31,1526	0,86161	1,62433	16,5569	0,98677	0	0
12.06.2018	59,7264	71,4894	0,1068	32,5238	49,3657	0,39245	11,3952	31,1526	0,85164	1,8319	16,5569	0,9779	0	0
13.06.2018	59,1978	71,4894	0,11675	33,5323	49,3657	0,33927	12,0382	31,1526	0,8092	2,07063	16,5569	0,96416	0	0
14.06.2018	58,2454	71,4894	0,13634	33,7708	49,3657	0,3267	12,1235	31,1526	0,80332	1,91649	16,5569	0,97347	0	0
15.06.2018	58,8506	71,4894	0,12328	34,4448	49,3657	0,29117	12,5141	31,1526	0,77543	2,20055	16,5569	0,95506	0	0
16.06.2018	58,243	71,4894	0,13639	34,1864	49,3657	0,30479	12,6649	31,1526	0,76461	2,28395	16,5569	0,94859	0	0
17.06.2018	57,1776	71,4894	0,16126	33,0606	49,3657	0,36414	12,6936	31,1526	0,76255	2,49573	16,5569	0,93029	0	0
18.06.2018	56,2059	71,4894	0,18682	31,9092	49,3657	0,42485	12,2521	31,1526	0,79423	2,20714	16,5569	0,95456	0	0
19.06.2018	55,6494	71,4894	0,20348	31,1291	49,3657	0,46597	12,1629	31,1526	0,8006	1,97985	16,5569	0,96988	0	0
20.06.2018	56,6518	71,4894	0,17446	31,7792	49,3657	0,4317	12,8912	31,1526	0,74838	1,95667	16,5569	0,9712	0	0
21.06.2018	56,3604	71,4894	0,18251	30,8543	49,3657	0,48046	12,7101	31,1526	0,76137	2,19657	16,5569	0,95535	0	0
22.06.2018	57,7137	71,4894	0,14807	31,852	49,3657	0,42786	13,6526	31,1526	0,69376	2,61677	16,5569	0,91859	0	0
23.06.2018	58,8824	71,4894	0,12268	32,6682	49,3657	0,38483	13,6739	31,1526	0,69224	2,48866	16,5569	0,93094	0	0
24.06.2018	58,3188	71,4894	0,13472	32,1114	49,3657	0,41419	13,1839	31,1526	0,72738	2,45045	16,5569	0,93446	0	0
25.06.2018	58,7284	71,4894	0,12568	32,3641	49,3657	0,40087	13,4794	31,1526	0,70619	2,50876	16,5569	0,92907	0	0

26.06.2018	58,7979	71,4894	0,12427	32,2346	49,3657	0,40769	12,6332	31,1526	0,76689	2,48226	16,5569	0,93153	0	0
27.06.2018	58,9972	71,4894	0,12052	32,6224	49,3657	0,38725	12,7521	31,1526	0,75836	2,49747	16,5569	0,93013	0	0
28.06.2018	58,8281	71,4894	0,1237	33,6577	49,3657	0,33266	13,415	31,1526	0,7108	2,60825	16,5569	0,91944	0	0
29.06.2018	58,5447	71,4894	0,12973	33,6966	49,3657	0,33061	13,8195	31,1526	0,68179	2,57273	16,5569	0,92294	0	0
30.06.2018	58,0468	71,4894	0,14072	33,4664	49,3657	0,34275	13,5534	31,1526	0,70088	2,42408	16,5569	0,9368	0	0
1.07.2018	57,2105	71,4894	0,16043	33,3627	49,3657	0,34822	13,4616	31,1526	0,70746	2,40273	16,5569	0,93867	0	0
2.07.2018	59,4226	71,4894	0,11252	33,3518	49,3657	0,34879	13,0656	31,1526	0,73587	2,25803	16,5569	0,95065	0	0
3.07.2018	60,2335	71,4894	0,09754	33,4564	49,3657	0,34328	12,7871	31,1526	0,75585	2,28547	16,5569	0,94847	0	0
4.07.2018	60,5625	71,4894	0,09212	33,4773	49,3657	0,34218	12,6778	31,1526	0,76369	2,16974	16,5569	0,95729	0	0
5.07.2018	60,6722	71,4894	0,09035	33,3553	49,3657	0,34861	12,0587	31,1526	0,80779	2,13847	16,5569	0,95955	0	0
6.07.2018	59,7155	71,4894	0,10701	32,1524	49,3657	0,41202	11,0508	31,1526	0,8722	2,18945	16,5569	0,95586	0	0
7.07.2018	60,8297	71,4894	0,0879	32,9244	49,3657	0,37133	11,6646	31,1526	0,83436	2,19606	16,5569	0,95539	0	0
8.07.2018	60,7695	71,4894	0,08883	32,8167	49,3657	0,37701	11,2969	31,1526	0,85751	2,18207	16,5569	0,9564	0	0
9.07.2018	59,3508	71,4894	0,11387	31,8016	49,3657	0,43052	10,0374	31,1526	0,92337	2,1597	16,5569	0,95802	0	0
10.07.2018	55,7481	71,4894	0,19957	29,5454	49,3657	0,54947	7,75791	31,1526	0,98581	2,1077	16,5569	0,96166	0	0
11.07.2018	52,4473	71,4894	0,3375	28,0986	49,3657	0,62575	6,20281	31,1526	0,99724	1,9922	16,5569	0,96911	0	0
12.07.2018	52,6805	71,4894	0,32774	27,1797	49,3657	0,6742	5,35584	31,1526	0,999	1,87178	16,5569	0,97589	0	0
13.07.2018	52,7858	71,4894	0,32334	27,4175	49,3657	0,66166	5,41401	31,1526	0,999	1,93362	16,5569	0,9725	0	0
14.07.2018	53,2341	71,4894	0,30457	27,5699	49,3657	0,65362	5,37189	31,1526	0,999	1,95585	16,5569	0,97125	0	0
15.07.2018	55,7509	71,4894	0,19949	29,1271	49,3657	0,57153	6,75524	31,1526	0,99523	2,20028	16,5569	0,95508	0	0
16.07.2018	56,5119	71,4894	0,17829	29,8545	49,3657	0,53318	7,95797	31,1526	0,98286	2,02267	16,5569	0,96721	0	0
17.07.2018	57,4915	71,4894	0,15338	30,7115	49,3657	0,48799	8,58673	31,1526	0,97091	1,9858	16,5569	0,96951	0	0
18.07.2018	57,3651	71,4894	0,15656	31,2285	49,3657	0,46074	8,4122	31,1526	0,97475	1,86447	16,5569	0,97626	0	0
19.07.2018	58,019	71,4894	0,14133	31,3472	49,3657	0,45447	8,33108	31,1526	0,97632	1,95684	16,5569	0,97119	0	0
20.07.2018	55,6242	71,4894	0,20454	30,5064	49,3657	0,4988	7,72477	31,1526	0,98622	1,90126	16,5569	0,97433	0	0
21.07.2018	55,9028	71,4894	0,19526	30,8218	49,3657	0,48218	7,88494	31,1526	0,98402	1,85641	16,5569	0,97666	0	0
22.07.2018	55,4248	71,4894	0,21288	30,7526	49,3657	0,48583	7,85341	31,1526	0,98452	1,86557	16,5569	0,9762	0	0
23.07.2018	54,7727	71,4894	0,24018	29,9983	49,3657	0,5256	7,84284	31,1526	0,98469	1,95583	16,5569	0,97125	0	0
24.07.2018	54,9291	71,4894	0,23363	30,1255	49,3657	0,51889	7,95715	31,1526	0,98287	1,92612	16,5569	0,97293	0	0
25.07.2018	55,9467	71,4894	0,19404	30,6353	49,3657	0,49201	8,41339	31,1526	0,97472	2,12121	16,5569	0,96075	0	0
26.07.2018	56,6541	71,4894	0,1744	31,161	49,3657	0,46429	8,92039	31,1526	0,96256	2,29788	16,5569	0,94747	0	0
27.07.2018	57,7535	71,4894	0,14719	32,0629	49,3657	0,41674	9,30479	31,1526	0,95111	2,3863	16,5569	0,9401	0	0
28.07.2018	58,8136	71,4894	0,12398	32,8615	49,3657	0,37464	9,66477	31,1526	0,93846	2,5186	16,5569	0,92814	0	0
29.07.2018	58,7514	71,4894	0,12517	32,6146	49,3657	0,38766	9,47618	31,1526	0,94534	2,34376	16,5569	0,9437	0	0
30.07.2018	58,2487	71,4894	0,13626	31,9905	49,3657	0,42056	9,4995	31,1526	0,94452	2,33492	16,5569	0,94445	0	0
31.07.2018	58,5645	71,4894	0,1293	32,1697	49,3657	0,41112	9,97624	31,1526	0,92598	2,64602	16,5569	0,91566	0	0
1.08.2018	58,702	71,4894	0,12626	32,2428	49,3657	0,40726	9,71351	31,1526	0,93659	2,56257	16,5569	0,92394	0	0
2.08.2018	58,5954	71,4894	0,12861	31,6712	49,3657	0,4374	10,1493	31,1526	0,91846	2,76101	16,5569	0,90363	0	0
3.08.2018	58,882	71,4894	0,12269	31,875	49,3657	0,42665	10,122	31,1526	0,91969	2,6655	16,5569	0,91367	0	0
4.08.2018	58,8839	71,4894	0,12265	31,3373	49,3657	0,455	10,2405	31,1526	0,91433	2,72105	16,5569	0,90788	0	0

5.08.2018	58,686	71,4894	0,12661	30,9183	49,3657	0,47709	10,2207	31,1526	0,91525	2,6641	16,5569	0,91381	0	0
6.08.2018	58,4138	71,4894	0,13262	30,4322	49,3657	0,50272	10,308	31,1526	0,91118	2,69004	16,5569	0,91113	0	0
7.08.2018	57,2823	71,4894	0,15863	29,077	49,3657	0,57417	10,29	31,1526	0,91202	2,7085	16,5569	0,90921	0	0
8.08.2018	56,8324	71,4894	0,16992	28,4429	49,3657	0,6076	9,94413	31,1526	0,92732	2,67499	16,5569	0,91269	0	0
9.08.2018	56,3476	71,4894	0,18287	27,7531	49,3657	0,64397	10,3462	31,1526	0,90938	2,71449	16,5569	0,90857	0	0
10.08.2018	55,09	71,4894	0,22689	26,3504	49,3657	0,71792	9,91402	31,1526	0,92858	2,70532	16,5569	0,90954	0	0
11.08.2018	53,5843	71,4894	0,28991	24,7006	49,3657	0,8044	9,80315	31,1526	0,93307	2,69505	16,5569	0,91061	0	0
12.08.2018	52,606	71,4894	0,33086	23,5435	49,3657	0,85618	9,96021	31,1526	0,92665	2,72676	16,5569	0,90728	0	0
13.08.2018	50,2473	71,4894	0,42958	21,2999	49,3657	0,93204	8,71375	31,1526	0,96789	2,54541	16,5569	0,9256	0	0
14.08.2018	49,7113	71,4894	0,45201	20,4304	49,3657	0,95227	7,86984	31,1526	0,98426	2,51275	16,5569	0,92869	0	0
15.08.2018	49,0444	71,4894	0,47992	19,3424	49,3657	0,97112	7,66309	31,1526	0,98698	2,52999	16,5569	0,92706	0	0
16.08.2018	48,7512	71,4894	0,4922	19,1729	49,3657	0,97346	7,95095	31,1526	0,98297	2,55985	16,5569	0,92421	0	0
17.08.2018	51,1125	71,4894	0,39337	21,7188	49,3657	0,92053	10,0181	31,1526	0,92421	2,57467	16,5569	0,92275	0	0
18.08.2018	49,2935	71,4894	0,4695	22,6476	49,3657	0,89035	10,5861	31,1526	0,89743	2,63025	16,5569	0,91724	0	0
19.08.2018	50,2832	71,4894	0,42808	21,7838	49,3657	0,91863	10,1123	31,1526	0,92012	2,63133	16,5569	0,91713	0	0
20.08.2018	46,3825	71,4894	0,59133	21,1282	49,3657	0,93643	9,73287	31,1526	0,93585	2,66597	16,5569	0,91362	0	0
21.08.2018	46,6244	71,4894	0,58121	20,2381	49,3657	0,95611	9,50911	31,1526	0,94417	2,72646	16,5569	0,90731	0	0
22.08.2018	47,138	71,4894	0,55971	19,9323	49,3657	0,96174	9,30718	31,1526	0,95104	2,75934	16,5569	0,90381	0	0
23.08.2018	47,2148	71,4894	0,5565	20,1765	49,3657	0,95728	9,60556	31,1526	0,94069	2,76928	16,5569	0,90273	0	0
24.08.2018	47,0785	71,4894	0,5622	19,906	49,3657	0,9622	9,74109	31,1526	0,93553	2,83422	16,5569	0,89546	0	0
25.08.2018	47,996	71,4894	0,52381	20,137	49,3657	0,95803	9,92039	31,1526	0,92831	2,87145	16,5569	0,8912	0	0
26.08.2018	48,014	71,4894	0,52305	19,9636	49,3657	0,9612	9,7087	31,1526	0,93678	2,8516	16,5569	0,89348	0	0
27.08.2018	48,864	71,4894	0,48747	20,4794	49,3657	0,95126	10,179	31,1526	0,91712	2,86752	16,5569	0,89165	0	0
28.08.2018	49,7411	71,4894	0,45077	21,1889	49,3657	0,93492	10,8161	31,1526	0,88508	2,87425	16,5569	0,89088	0	0
29.08.2018	49,385	71,4894	0,46567	20,7125	49,3657	0,94624	10,2853	31,1526	0,91224	2,89275	16,5569	0,88876	0	0
30.08.2018	49,5646	71,4894	0,45815	20,5175	49,3657	0,95048	10,012	31,1526	0,92447	2,89976	16,5569	0,88796	0	0
31.08.2018	49,7062	71,4894	0,45223	20,2893	49,3657	0,95514	9,85414	31,1526	0,93103	2,91959	16,5569	0,88569	0	0
1.09.2018	50,0813	71,4894	0,43653	20,5055	49,3657	0,95073	10,0055	31,1526	0,92475	2,93646	16,5569	0,88376	0	0
2.09.2018	50,4231	71,4894	0,42222	20,7825	49,3657	0,94469	10,2039	31,1526	0,916	2,95485	16,5569	0,88166	0	0
3.09.2018	50,5952	71,4894	0,41502	20,8459	49,3657	0,94322	10,1954	31,1526	0,91638	2,97347	16,5569	0,87952	0	0
4.09.2018	50,4082	71,4894	0,42285	20,879	49,3657	0,94244	10,1844	31,1526	0,91688	2,98743	16,5569	0,87793	0	0
5.09.2018	50,3016	71,4894	0,42731	20,7712	49,3657	0,94496	9,91447	31,1526	0,92856	2,99608	16,5569	0,87694	0	0
6.09.2018	49,8496	71,4894	0,44622	20,6328	49,3657	0,94799	9,72177	31,1526	0,93628	3,01441	16,5569	0,87483	0	0
7.09.2018	49,3966	71,4894	0,46518	20,6755	49,3657	0,94706	9,68756	31,1526	0,93759	3,04999	16,5569	0,87043	0	0
8.09.2018	48,601	71,4894	0,49848	20,5959	49,3657	0,9488	9,68958	31,1526	0,93751	3,07875	16,5569	0,86687	0	0
9.09.2018	48,5105	71,4894	0,50227	20,6868	49,3657	0,94681	9,69215	31,1526	0,93741	3,10802	16,5569	0,86326	0	0
10.09.2018	48,1133	71,4894	0,5189	20,6631	49,3657	0,94733	9,61761	31,1526	0,94026	3,10926	16,5569	0,8631	0	0
11.09.2018	47,6235	71,4894	0,5394	20,7044	49,3657	0,94642	9,56057	31,1526	0,94231	3,14477	16,5569	0,85872	0	0
12.09.2018	47,2558	71,4894	0,55478	20,8262	49,3657	0,94367	9,63112	31,1526	0,93975	3,18616	16,5569	0,8536	0	0
13.09.2018	48,1261	71,4894	0,51836	21,1857	49,3657	0,93501	9,78883	31,1526	0,93365	3,16656	16,5569	0,85602	0	0

48,2412	71,4894	0,51354	21,3231	49,3657	0,93143	9,71139	31,1526	0,93667	3,16313	16,5569	0,85645	0	0
48,7951	71,4894	0,49036	21,6213	49,3657	0,92331	9,93857	31,1526	0,92756	3,18018	16,5569	0,85434	0	0
48,8498	71,4894	0,48807	21,6994	49,3657	0,92108	9,95423	31,1526	0,9269	3,21273	16,5569	0,85032	0	0
48,4743	71,4894	0,50379	21,6996	49,3657	0,92108	9,89734	31,1526	0,92928	3,27716	16,5569	0,84195	0	0
48,7176	71,4894	0,4936	21,8542	49,3657	0,91655	9,95352	31,1526	0,92693	3,28513	16,5569	0,84091	0	0
48,6628	71,4894	0,49589	22,0177	49,3657	0,91159	10,0741	31,1526	0,92178	3,30151	16,5569	0,83878	0	0
48,6868	71,4894	0,49489	22,1748	49,3657	0,90665	10,0823	31,1526	0,92142	3,29385	16,5569	0,83978	0	0
49,4315	71,4894	0,46372	22,4712	49,3657	0,89667	10,2623	31,1526	0,91331	3,30748	16,5569	0,838	0	0
49,8899	71,4894	0,44454	22,5921	49,3657	0,89234	10,3116	31,1526	0,91102	3,32802	16,5569	0,83533	0	0
49,9837	71,4894	0,44061	22,712	49,3657	0,88804	10,3668	31,1526	0,9084	3,34937	16,5569	0,83255	0	0
50,0446	71,4894	0,43806	22,8737	49,3657	0,88224	10,424	31,1526	0,90564	3,37138	16,5569	0,82969	0	0
49,5902	71,4894	0,45708	22,9523	49,3657	0,87942	10,4255	31,1526	0,90557	3,39762	16,5569	0,82627	0	0
49,7229	71,4894	0,45153	23,1154	49,3657	0,8734	10,5169	31,1526	0,90106	3,41827	16,5569	0,82353	0	0
49,3662	71,4894	0,46646	23,342	49,3657	0,86429	10,6564	31,1526	0,89366	3,43656	16,5569	0,82105	0	0
49,5251	71,4894	0,45981	23,4519	49,3657	0,85987	10,6797	31,1526	0,8924	3,45431	16,5569	0,81864	0	0
49,7528	71,4894	0,45028	23,6102	49,3657	0,8535	10,757	31,1526	0,88825	3,4687	16,5569	0,81669	0	0
50,5172	71,4894	0,41828	23,7747	49,3657	0,8466	10,8529	31,1526	0,88311	3,48704	16,5569	0,81421	0	0
50,4916	71,4894	0,41935	23,8581	49,3657	0,84293	10,8741	31,1526	0,88197	3,50476	16,5569	0,81181	0	0
50,5541	71,4894	0,41674	23,9556	49,3657	0,83864	10,895	31,1526	0,88085	3,53147	16,5569	0,80819	0	0
51,5438	71,4894	0,37532	24,0762	49,3657	0,83333	10,9771	31,1526	0,87644	3,5404	16,5569	0,80698	0	0
51,8594	71,4894	0,36211	24,2572	49,3657	0,82537	11,0376	31,1526	0,87299	3,56053	16,5569	0,80425	0	0
50,6837	71,4894	0,41131	24,1312	49,3657	0,83092	11,0963	31,1526	0,86948	3,57315	16,5569	0,80254	0	0
50,5877	71,4894	0,41533	24,2712	49,3657	0,82474	11,1846	31,1526	0,86421	3,61458	16,5569	0,79733	0	0
51,3599	71,4894	0,38301	24,3244	49,3657	0,82222	11,1694	31,1526	0,86512	3,61058	16,5569	0,7978	0	0
51,3524	71,4894	0,38333	24,3946	49,3657	0,8189	11,2064	31,1526	0,86291	3,62631	16,5569	0,79595	0	0
50,7901	71,4894	0,40686	24,4594	49,3657	0,81583	11,2792	31,1526	0,85857	3,65735	16,5569	0,7923	0	0
51,2699	71,4894	0,38678	24,6458	49,3657	0,80699	11,3514	31,1526	0,85426	3,68752	16,5569	0,78876	0	0
52,1119	71,4894	0,35154	24,9084	49,3657	0,79394	11,408	31,1526	0,85088	3,82521	16,5569	0,77257	0	0
52,0671	71,4894	0,35341	24,9637	49,3657	0,79102	11,4641	31,1526	0,84732	3,82493	16,5569	0,7726	0	0
52,2792	71,4894	0,34454	25,0868	49,3657	0,78454	11,5192	31,1526	0,84376	3,84179	16,5569	0,77062	0	0
52,376	71,4894	0,34049	25,2188	49,3657	0,77758	11,5832	31,1526	0,83962	3,87042	16,5569	0,76725	0	0
52,7522	71,4894	0,32474	25,3505	49,3657	0,77064	11,6478	31,1526	0,83544	3,81662	16,5569	0,77358	0	0
53,0275	71,4894	0,31322	25,506	49,3657	0,76243	11,7363	31,1526	0,82971	3,8607	16,5569	0,76839	0	0
53,4603	71,4894	0,29511	25,644	49,3657	0,75516	11,783	31,1526	0,8267	3,87422	16,5569	0,7668	0	0
53,647	71,4894	0,28729	25,7459	49,3657	0,74979	11,8233	31,1526	0,82403	3,90366	16,5569	0,76334	0	0
53,8906	71,4894	0,2771	25,8625	49,3657	0,74364	11,8799	31,1526	0,82012	3,92095	16,5569	0,76131	0	0
54,2007	71,4894	0,26412	26,0059	49,3657	0,73608	11,956	31,1526	0,81487	3,94265	16,5569	0,75876	0	0
54,5016	71,4894	0,25152	26,1176	49,3657	0,73019	11,9984	31,1526	0,81195	3,9565	16,5569	0,75713	0	0
54,762	71,4894	0,24062	26,2388	49,3657	0,7238	12,0521	31,1526	0,80824	3,97441	16,5569	0,75502	0	0
55,0187	71,4894	0,22988	26,3589	49,3657	0,71747	12,1043	31,1526	0,80464	3,98918	16,5569	0,75329	0	0

24.10.2018	55,31	71,4894	0,21769	26,4969	49,3657	0,71019	12,1797	31,1526	0,79942	4,02175	16,5569	0,74946	0	0
25.10.2018	55,578	71,4894	0,20647	26,6312	49,3657	0,70312	12,242	31,1526	0,79495	4,04407	16,5569	0,74683	0	0
26.10.2018	55,8427	71,4894	0,19693	26,7536	49,3657	0,69666	12,2975	31,1526	0,79097	4,05873	16,5569	0,74511	0	0
27.10.2018	56,068	71,4894	0,19066	26,8831	49,3657	0,68984	12,3604	31,1526	0,78646	4,07993	16,5569	0,74262	0	0
28.10.2018	56,2722	71,4894	0,18497	27,0064	49,3657	0,68333	12,4168	31,1526	0,78241	4,09862	16,5569	0,74042	0	0
29.10.2018	56,3675	71,4894	0,18231	27,1155	49,3657	0,67758	12,4702	31,1526	0,77858	4,12022	16,5569	0,73788	0	0
30.10.2018	56,4172	71,4894	0,18093	27,2413	49,3657	0,67095	12,5305	31,1526	0,77425	4,14103	16,5569	0,73543	0	0
31.10.2018	56,4213	71,4894	0,18081	27,3553	49,3657	0,66494	12,5816	31,1526	0,77059	4,1539	16,5569	0,73392	0	0
1.11.2018	56,4501	71,4894	0,18001	27,4762	49,3657	0,65856	12,6335	31,1526	0,76687	4,16831	16,5569	0,73222	0	0
2.11.2018	56,6497	71,4894	0,17451	27,5768	49,3657	0,65326	12,6825	31,1526	0,76335	4,1848	16,5569	0,73028	0	0
3.11.2018	56,5908	71,4894	0,17609	27,7008	49,3657	0,64672	12,7399	31,1526	0,75923	4,20636	16,5569	0,72775	0	0
4.11.2018	56,7366	71,4894	0,17233	27,8425	49,3657	0,63925	12,7916	31,1526	0,75552	4,22252	16,5569	0,72585	0	0
5.11.2018	56,9921	71,4894	0,16592	27,9667	49,3657	0,6327	12,8436	31,1526	0,7518	4,24199	16,5569	0,72356	0	0
6.11.2018	57,1582	71,4894	0,16175	28,0788	49,3657	0,62679	12,8906	31,1526	0,74843	4,26014	16,5569	0,72143	0	0
7.11.2018	57,5596	71,4894	0,15167	28,1992	49,3657	0,62044	12,9543	31,1526	0,74386	4,27968	16,5569	0,71913	0	0
8.11.2018	58,1384	71,4894	0,1387	28,2483	49,3657	0,61786	12,996	31,1526	0,74086	4,30471	16,5569	0,71618	0	0
9.11.2018	58,2364	71,4894	0,13654	28,3747	49,3657	0,61119	13,0583	31,1526	0,7364	4,34079	16,5569	0,71194	0	0
10.11.2018	58,0798	71,4894	0,13999	28,4623	49,3657	0,60657	13,121	31,1526	0,7319	4,36559	16,5569	0,70903	0	0
11.11.2018	58,1866	71,4894	0,13764	28,5771	49,3657	0,60052	13,1836	31,1526	0,7274	4,3909	16,5569	0,70605	0	0
12.11.2018	58,8161	71,4894	0,12393	28,728	49,3657	0,59257	13,2384	31,1526	0,72348	4,40876	16,5569	0,70395	0	0
13.11.2018	58,7422	71,4894	0,12537	28,8592	49,3657	0,58565	13,3054	31,1526	0,71867	4,4373	16,5569	0,70059	0	0
14.11.2018	59,4237	71,4894	0,1125	28,951	49,3657	0,58081	13,3827	31,1526	0,71312	4,48389	16,5569	0,69512	0	0
15.11.2018	59,7365	71,4894	0,10661	29,0868	49,3657	0,57365	13,4437	31,1526	0,70875	4,51453	16,5569	0,69151	0	0
16.11.2018	59,7951	71,4894	0,10551	29,0917	49,3657	0,57339	13,5137	31,1526	0,70373	4,54027	16,5569	0,68849	0	0
17.11.2018	60,0957	71,4894	0,09987	29,1606	49,3657	0,56976	13,566	31,1526	0,69998	4,56537	16,5569	0,68553	0	0
18.11.2018	60,5363	71,4894	0,09255	29,4487	49,3657	0,55457	13,6203	31,1526	0,69608	4,58001	16,5569	0,68381	0	0
19.11.2018	60,1373	71,4894	0,09917	28,7982	49,3657	0,58886	13,6598	31,1526	0,69324	4,62173	16,5569	0,67891	0	0
20.11.2018	59,7021	71,4894	0,10726	28,3056	49,3657	0,61484	13,6167	31,1526	0,69634	4,64968	16,5569	0,67562	0	0
21.11.2018	60,4078	71,4894	0,09462	28,9057	49,3657	0,5832	13,7038	31,1526	0,69009	4,66879	16,5569	0,67337	0	0
22.11.2018	60,5234	71,4894	0,09275	28,7333	49,3657	0,59229	13,7457	31,1526	0,68708	4,6939	16,5569	0,67042	0	0
23.11.2018	60,6672	71,4894	0,09043	28,6704	49,3657	0,5956	13,7949	31,1526	0,68356	4,7164	16,5569	0,66778	0	0
24.11.2018	60,1636	71,4894	0,09872	28,0819	49,3657	0,62663	13,7598	31,1526	0,68607	4,74322	16,5569	0,66462	0	0
25.11.2018	60,3147	71,4894	0,09618	28,1042	49,3657	0,62545	13,8569	31,1526	0,67911	4,76241	16,5569	0,66237	0	0
26.11.2018	59,7092	71,4894	0,10713	27,5104	49,3657	0,65676	13,7794	31,1526	0,68467	4,78261	16,5569	0,65999	0	0
27.11.2018	59,739	71,4894	0,10657	27,5054	49,3657	0,65702	13,8272	31,1526	0,68124	4,80185	16,5569	0,65773	0	0
28.11.2018	60,2392	71,4894	0,09745	28,1064	49,3657	0,62534	13,9828	31,1526	0,67008	4,81958	16,5569	0,65564	0	0
29.11.2018	61,2465	71,4894	0,08164	28,53	49,3657	0,60301	14,0966	31,1526	0,66191	4,83749	16,5569	0,65354	0	0
30.11.2018	61,0532	71,4894	0,08448	28,4328	49,3657	0,60813	14,078	31,1526	0,66325	4,86625	16,5569	0,65016	0	0
1.12.2018	61,2031	71,4894	0,08228	28,4691	49,3657	0,60621	14,1694	31,1526	0,65669	4,87223	16,5569	0,64945	0	0
2.12.2018	61,2503	71,4894	0,08158	28,4774	49,3657	0,60578	14,2013	31,1526	0,6544	4,8936	16,5569	0,64694	0	0

2.12.2018	61,2503	71,4894	0,08158	28,4774	49,3657	0,60578	14,2013	31,1526	0,6544	4,8936	16,5569	0,64694	0	0
3.12.2018	61,2446	71,4894	0,08167	28,4038	49,3657	0,60966	14,2277	31,1526	0,65251	4,91558	16,5569	0,64436	0	0
4.12.2018	61,7336	71,4894	0,07476	28,823	49,3657	0,58756	14,2068	31,1526	0,65401	4,88228	16,5569	0,64827	0	0
5.12.2018	61,6006	71,4894	0,07661	28,8167	49,3657	0,58789	14,1748	31,1526	0,6563	4,86737	16,5569	0,65002	0	0
6.12.2018	61,1556	71,4894	0,08298	28,2913	49,3657	0,61559	14,3525	31,1526	0,64356	4,99637	16,5569	0,63486	0	0
7.12.2018	61,0564	71,4894	0,08443	28,1366	49,3657	0,62375	14,4357	31,1526	0,63759	5,06685	16,5569	0,62657	0	0
8.12.2018	61,2249	71,4894	0,08196	28,3209	49,3657	0,61403	14,4513	31,1526	0,63647	5,07809	16,5569	0,62525	0	0
9.12.2018	61,4961	71,4894	0,07807	28,5155	49,3657	0,60377	14,5393	31,1526	0,63016	5,0936	16,5569	0,62342	0	0
10.12.2018	61,6293	71,4894	0,07621	28,4209	49,3657	0,60876	14,5815	31,1526	0,62713	5,11599	16,5569	0,62079	0	0
11.12.2018	62,068	71,4894	0,07034	28,6875	49,3657	0,5947	14,6044	31,1526	0,62549	5,12541	16,5569	0,61968	0	0
12.12.2018	62,3932	71,4894	0,06627	28,8611	49,3657	0,58555	14,6915	31,1526	0,61924	5,13678	16,5569	0,61835	0	0
13.12.2018	62,2945	71,4894	0,0675	28,6721	49,3657	0,59551	14,7811	31,1526	0,61281	5,18924	16,5569	0,61218	0	0
14.12.2018	62,474	71,4894	0,06526	28,6993	49,3657	0,59408	14,8332	31,1526	0,60907	5,21173	16,5569	0,60953	0	0
15.12.2018	62,7178	71,4894	0,06238	28,8135	49,3657	0,58806	14,902	31,1526	0,60414	5,23563	16,5569	0,60672	0	0
16.12.2018	62,8247	71,4894	0,06113	28,7952	49,3657	0,58902	14,9648	31,1526	0,59963	5,24125	16,5569	0,60606	0	0
17.12.2018	63,1742	71,4894	0,05725	29,089	49,3657	0,57353	15,0358	31,1526	0,59454	5,226	16,5569	0,60785	0	0
18.12.2018	63,3365	71,4894	0,05548	29,3167	49,3657	0,56153	15,0651	31,1526	0,59244	5,19472	16,5569	0,61153	0	0
19.12.2018	63,3056	71,4894	0,05582	29,3536	49,3657	0,55958	15,1452	31,1526	0,58669	5,22851	16,5569	0,60756	0	0
20.12.2018	62,3404	71,4894	0,06692	29,3097	49,3657	0,5619	15,1413	31,1526	0,58697	5,19047	16,5569	0,61203	0	0
21.12.2018	62,1181	71,4894	0,0697	29,3768	49,3657	0,55836	15,2294	31,1526	0,58066	5,23428	16,5569	0,60688	0	0
22.12.2018	61,6947	71,4894	0,07529	29,5481	49,3657	0,54933	15,241	31,1526	0,57982	5,22232	16,5569	0,60829	0	0
23.12.2018	61,8839	71,4894	0,07278	29,558	49,3657	0,5488	15,2559	31,1526	0,57875	5,22244	16,5569	0,60827	0	0
24.12.2018	59,457	71,4894	0,11187	29,7113	49,3657	0,54073	15,2577	31,1526	0,57863	5,24793	16,5569	0,60528	0	0
25.12.2018	59,0351	71,4894	0,11981	29,8792	49,3657	0,53187	15,4047	31,1526	0,56808	5,34281	16,5569	0,59412	0	0
26.12.2018	55,1064	71,4894	0,22621	29,884	49,3657	0,53162	15,357	31,1526	0,5715	5,33241	16,5569	0,59534	0	0
27.12.2018	54,45	71,4894	0,25368	29,866	49,3657	0,53257	15,4715	31,1526	0,56328	5,38793	16,5569	0,58881	0	0
28.12.2018	50,2621	71,4894	0,42896	29,805	49,3657	0,53579	15,2694	31,1526	0,57778	5,26438	16,5569	0,60334	0	0
29.12.2018	48,7995	71,4894	0,49017	29,9925	49,3657	0,5259	15,3665	31,1526	0,57082	5,32267	16,5569	0,59649	0	0
30.12.2018	47,5392	71,4894	0,54292	29,9549	49,3657	0,52788	15,2839	31,1526	0,57674	5,30671	16,5569	0,59836	0	0
31.12.2018	49,5202	71,4894	0,46001	30,0948	49,3657	0,52051	15,4009	31,1526	0,56835	5,20804	16,5569	0,60997	0	0
1.01.2019	48,2345	71,4894	0,51382	30,1164	49,3657	0,51937	15,3552	31,1526	0,57163	5,26236	16,5569	0,60358	0	0
2.01.2019	45,8725	71,4894	0,61268	29,7572	49,3657	0,53831	15,1396	31,1526	0,58709	5,31484	16,5569	0,59741	0	0
3.01.2019	46,7587	71,4894	0,57559	30,2536	49,3657	0,51214	15,4265	31,1526	0,56651	5,38965	16,5569	0,58861	0	0
4.01.2019	44,9834	71,4894	0,64989	29,4607	49,3657	0,55394	15,1865	31,1526	0,58373	5,33197	16,5569	0,59539	0	0
5.01.2019	45,1683	71,4894	0,64215	29,673	49,3657	0,54275	15,292	31,1526	0,57617	5,35959	16,5569	0,59215	0	0
6.01.2019	43,7675	71,4894	0,70078	28,1936	49,3657	0,62074	14,8821	31,1526	0,60557	5,2497	16,5569	0,60507	0	0
7.01.2019	43,6578	71,4894	0,70537	28,2471	49,3657	0,61792	14,9208	31,1526	0,60279	5,24638	16,5569	0,60546	0	0
8.01.2019	44,077	71,4894	0,68783	28,3476	49,3657	0,61262	15,0684	31,1526	0,59221	5,13861	16,5569	0,61813	0	0
9.01.2019	43,6227	71,4894	0,70684	27,9774	49,3657	0,63214	14,8642	31,1526	0,60685	5,12896	16,5569	0,61926	0	0
10.01.2019	45,6014	71,4894	0,62403	30,1437	49,3657	0,51793	15,6712	31,1526	0,54896	5,33071	16,5569	0,59554	0	0
11.01.2019	46,5188	71,4894	0,58563	30,8341	49,3657	0,48153	15,8506	31,1526	0,53609	5,3335	16,5569	0,59521	0	0

12.01.2019	46,9386	71,4894	0,56806	31,0001	49,3657	0,47278	15,9352	31,1526	0,53002	5,38871	16,5569	0,58872	0	0
13.01.2019	47,3975	71,4894	0,54886	31,3935	49,3657	0,45204	16,0692	31,1526	0,52041	5,48136	16,5569	0,57783	0	0
14.01.2019	47,3756	71,4894	0,54977	31,2048	49,3657	0,46198	16,0169	31,1526	0,52416	5,3951	16,5569	0,58797	0	0
15.01.2019	47,6005	71,4894	0,54036	31,4046	49,3657	0,45145	16,0851	31,1526	0,51927	5,43131	16,5569	0,58371	0	0
16.01.2019	47,7762	71,4894	0,533	31,4303	49,3657	0,45009	16,1124	31,1526	0,51731	5,37894	16,5569	0,58987	0	0
17.01.2019	47,8242	71,4894	0,53099	31,416	49,3657	0,45085	16,0784	31,1526	0,51975	5,31607	16,5569	0,59726	0	0
18.01.2019	47,8946	71,4894	0,52805	31,4544	49,3657	0,44883	16,0545	31,1526	0,52147	5,25661	16,5569	0,60425	0	0
19.01.2019	48,2552	71,4894	0,51296	31,6668	49,3657	0,43762	16,146	31,1526	0,5149	5,268	16,5569	0,60292	0	0
20.01.2019	47,8043	71,4894	0,53183	31,3119	49,3657	0,45634	16,0312	31,1526	0,52314	5,29229	16,5569	0,60006	0	0
21.01.2019	47,9558	71,4894	0,52549	31,4035	49,3657	0,45151	16,0781	31,1526	0,51978	5,2852	16,5569	0,60089	0	0
22.01.2019	48,1774	71,4894	0,51621	31,5319	49,3657	0,44474	16,1558	31,1526	0,5142	5,31027	16,5569	0,59795	0	0
23.01.2019	47,8365	71,4894	0,53048	31,2249	49,3657	0,46093	16,0395	31,1526	0,52255	5,2845	16,5569	0,60098	0	0
24.01.2019	47,9148	71,4894	0,5272	31,253	49,3657	0,45944	16,1319	31,1526	0,51592	5,31917	16,5569	0,5969	0	0
25.01.2019	48,1909	71,4894	0,51565	31,3728	49,3657	0,45313	16,1591	31,1526	0,51397	5,26453	16,5569	0,60332	0	0
26.01.2019	48,3176	71,4894	0,51034	31,3907	49,3657	0,45218	16,0988	31,1526	0,51829	5,1529	16,5569	0,61645	0	0
27.01.2019	48,5035	71,4894	0,50256	31,4936	49,3657	0,44676	16,1466	31,1526	0,51486	5,14417	16,5569	0,61748	0	0
28.01.2019	48,9413	71,4894	0,48424	31,9066	49,3657	0,42499	16,3735	31,1526	0,49858	5,42292	16,5569	0,5847	0	0
29.01.2019	49,5304	71,4894	0,45958	32,4299	49,3657	0,39739	16,5812	31,1526	0,48369	5,45804	16,5569	0,58057	0	0
30.01.2019	49,3397	71,4894	0,46757	32,2308	49,3657	0,40789	16,4939	31,1526	0,48995	5,47916	16,5569	0,57809	0	0
31.01.2019	49,4755	71,4894	0,46188	32,2987	49,3657	0,40431	16,5398	31,1526	0,48665	5,46468	16,5569	0,57979	0	0
1.02.2019	49,5606	71,4894	0,45832	32,3057	49,3657	0,40394	16,4662	31,1526	0,49194	5,36307	16,5569	0,59174	0	0
2.02.2019	49,6095	71,4894	0,45627	32,2759	49,3657	0,40551	16,4259	31,1526	0,49483	5,2852	16,5569	0,60089	0	0
3.02.2019	49,7572	71,4894	0,45009	32,3673	49,3657	0,4007	16,5128	31,1526	0,48859	5,3664	16,5569	0,59135	0	0
4.02.2019	49,6604	71,4894	0,45415	32,2316	49,3657	0,40785	16,4097	31,1526	0,49599	5,2303	16,5569	0,60735	0	0
5.02.2019	49,4608	71,4894	0,4625	32,0203	49,3657	0,41899	16,2844	31,1526	0,50498	4,99891	16,5569	0,63456	0	0
6.02.2019	49,4175	71,4894	0,46431	31,9996	49,3657	0,42008	16,2297	31,1526	0,5089	4,88316	16,5569	0,64817	0	0
7.02.2019	49,8862	71,4894	0,44469	32,531	49,3657	0,39206	16,4419	31,1526	0,49368	5,0426	16,5569	0,62942	0	0
8.02.2019	48,7376	71,4894	0,49277	31,2789	49,3657	0,45808	15,9225	31,1526	0,53094	4,63296	16,5569	0,67759	0	0
9.02.2019	48,4467	71,4894	0,50494	31,0756	49,3657	0,4688	15,8949	31,1526	0,53292	4,59626	16,5569	0,6819	0	0
10.02.2019	47,9391	71,4894	0,52618	30,5326	49,3657	0,49742	15,6281	31,1526	0,55205	4,36179	16,5569	0,70947	0	0
11.02.2019	47,6006	71,4894	0,54035	30,219	49,3657	0,51396	15,5321	31,1526	0,55894	4,16705	16,5569	0,73237	0	0
12.02.2019	47,8826	71,4894	0,52855	30,4421	49,3657	0,50219	15,588	31,1526	0,55493	4,27475	16,5569	0,71971	0	0
13.02.2019	47,9659	71,4894	0,52506	30,3389	49,3657	0,50764	15,6133	31,1526	0,55311	4,57231	16,5569	0,68472	0	0
14.02.2019	47,7567	71,4894	0,53382	30,0438	49,3657	0,52319	15,5295	31,1526	0,55913	4,6165	16,5569	0,67952	0	0
15.02.2019	47,3609	71,4894	0,55038	29,6201	49,3657	0,54553	15,2545	31,1526	0,57885	4,30192	16,5569	0,71651	0	0
16.02.2019	47,481	71,4894	0,54536	29,6771	49,3657	0,54253	15,2287	31,1526	0,5807	4,39136	16,5569	0,706	0	0
17.02.2019	47,4588	71,4894	0,54629	29,6078	49,3657	0,54618	14,988	31,1526	0,59797	4,34597	16,5569	0,71133	0	0
18.02.2019	46,6341	71,4894	0,5808	28,7003	49,3657	0,59403	14,4693	31,1526	0,63518	4,10355	16,5569	0,73984	0	0
19.02.2019	46,4378	71,4894	0,58902	28,5015	49,3657	0,60451	14,4738	31,1526	0,63486	3,6911	16,5569	0,78834	0	0
20.02.2019	46,4357	71,4894	0,58911	28,4596	49,3657	0,60672	14,5113	31,1526	0,63216	3,57597	16,5569	0,80216	0	0

21.02.2019	45,082	71,4894	0,64576	26,644	49,3657	0,70244	13,1071	31,1526	0,7329	3,76307	16,5569	0,77987	0	0
22.02.2019	43,9352	71,4894	0,69376	25,2965	49,3657	0,77348	12,057	31,1526	0,8079	3,45051	16,5569	0,81916	0	0
23.02.2019	43,5635	71,4894	0,70932	24,9142	49,3657	0,79364	11,6313	31,1526	0,83651	3,3856	16,5569	0,82784	0	0
24.02.2019	45,2026	71,4894	0,64072	26,3496	49,3657	0,71796	12,6631	31,1526	0,76474	3,91363	16,5569	0,76217	0	0
25.02.2019	45,3318	71,4894	0,63531	26,4885	49,3657	0,71064	12,7596	31,1526	0,75782	4,12518	16,5569	0,73729	0	0
26.02.2019	45,5423	71,4894	0,6265	26,6515	49,3657	0,70204	12,869	31,1526	0,74997	4,32195	16,5569	0,71416	0	0
27.02.2019	45,7568	71,4894	0,61752	26,6624	49,3657	0,70147	12,9402	31,1526	0,74486	4,14846	16,5569	0,73456	0	0
28.02.2019	45,6561	71,4894	0,62174	26,4559	49,3657	0,71235	12,8211	31,1526	0,75341	3,94652	16,5569	0,7583	0	0
1.03.2019	45,2675	71,4894	0,638	26,1463	49,3657	0,72868	12,6677	31,1526	0,76441	3,55284	16,5569	0,80529	0	0
2.03.2019	44,9601	71,4894	0,65087	25,9167	49,3657	0,74079	12,5201	31,1526	0,775	3,43091	16,5569	0,82181	0	0
3.03.2019	45,1737	71,4894	0,64193	26,1891	49,3657	0,72642	12,6267	31,1526	0,76735	3,60543	16,5569	0,79841	0	0
4.03.2019	45,1091	71,4894	0,64463	26,4969	49,3657	0,71019	12,9418	31,1526	0,74475	3,67425	16,5569	0,79032	0	0
5.03.2019	44,1793	71,4894	0,68355	25,8739	49,3657	0,74304	12,8071	31,1526	0,75442	3,16314	16,5569	0,85645	0	0
6.03.2019	43,9917	71,4894	0,6914	26,2129	49,3657	0,72517	13,2051	31,1526	0,72587	3,22964	16,5569	0,84813	0	0
7.03.2019	43,6124	71,4894	0,70727	26,1664	49,3657	0,72762	13,0939	31,1526	0,73384	3,3306	16,5569	0,835	0	0
8.03.2019	42,9321	71,4894	0,73575	25,5978	49,3657	0,7576	12,3676	31,1526	0,78594	3,25703	16,5569	0,84457	0	0
9.03.2019	42,2956	71,4894	0,76239	24,9271	49,3657	0,79296	11,904	31,1526	0,81846	3,24925	16,5569	0,84558	0	0
10.03.2019	41,6191	71,4894	0,7907	24,4134	49,3657	0,818	11,4907	31,1526	0,8456	3,2526	16,5569	0,84515	0	0
11.03.2019	42,2753	71,4894	0,76324	25,1528	49,3657	0,78105	11,9076	31,1526	0,81822	3,27568	16,5569	0,84214	0	0
12.03.2019	42,2155	71,4894	0,76574	24,8865	49,3657	0,7951	11,8958	31,1526	0,81903	3,49061	16,5569	0,81373	0	0
13.03.2019	41,5393	71,4894	0,79404	24,6563	49,3657	0,8065	11,5315	31,1526	0,84296	3,36249	16,5569	0,83084	0	0
14.03.2019	42,4028	71,4894	0,7579	25,0467	49,3657	0,78665	11,6871	31,1526	0,8329	3,43482	16,5569	0,82128	0	0
15.03.2019	42,4375	71,4894	0,75645	25,197	49,3657	0,77873	11,6234	31,1526	0,83702	3,39868	16,5569	0,82613	0	0
16.03.2019	42,7283	71,4894	0,74428	25,65	49,3657	0,75485	12,31	31,1526	0,79007	3,71726	16,5569	0,78526	0	0
17.03.2019	42,3635	71,4894	0,75954	25,298	49,3657	0,7734	11,8987	31,1526	0,81883	3,54439	16,5569	0,80644	0	0
18.03.2019	42,3745	71,4894	0,75908	25,39	49,3657	0,76855	11,8021	31,1526	0,82546	3,48796	16,5569	0,81408	0	0
19.03.2019	42,3034	71,4894	0,76206	25,3554	49,3657	0,77038	11,665	31,1526	0,83433	3,44514	16,5569	0,81989	0	0
20.03.2019	42,3109	71,4894	0,76175	25,4493	49,3657	0,76542	11,4343	31,1526	0,84925	3,37246	16,5569	0,82955	0	0
21.03.2019	42,334	71,4894	0,76078	25,4584	49,3657	0,76494	11,2736	31,1526	0,8589	3,32236	16,5569	0,83607	0	0
22.03.2019	42,2142	71,4894	0,76579	25,5876	49,3657	0,75814	11,4691	31,1526	0,847	3,36989	16,5569	0,82988	0	0
23.03.2019	42,4917	71,4894	0,75418	25,6269	49,3657	0,75606	11,5008	31,1526	0,84495	3,38498	16,5569	0,82792	0	0
24.03.2019	43,3131	71,4894	0,7198	26,7197	49,3657	0,69845	12,5779	31,1526	0,77086	3,97606	16,5569	0,75483	0	0
25.03.2019	43,0539	71,4894	0,73065	26,5689	49,3657	0,7064	12,1331	31,1526	0,80266	3,74314	16,5569	0,78222	0	0
26.03.2019	42,8052	71,4894	0,74106	26,2464	49,3657	0,7234	11,838	31,1526	0,82301	3,57767	16,5569	0,80193	0	0
27.03.2019	42,7579	71,4894	0,74304	26,2384	49,3657	0,72382	11,9171	31,1526	0,81755	3,65208	16,5569	0,79292	0	0
28.03.2019	42,8856	71,4894	0,73769	26,3323	49,3657	0,71887	11,9415	31,1526	0,81587	3,68616	16,5569	0,78892	0	0
29.03.2019	42,8138	71,4894	0,7407	26,4222	49,3657	0,71413	11,6872	31,1526	0,83289	3,58719	16,5569	0,80064	0	0
30.03.2019	42,9887	71,4894	0,73338	26,6706	49,3657	0,70104	11,7919	31,1526	0,82612	3,66241	16,5569	0,79171	0	0
31.03.2019	43,6729	71,4894	0,70474	27,3195	49,3657	0,66682	12,4866	31,1526	0,7774	3,87962	16,5569	0,76617	0	0
1.04.2019	43,856	71,4894	0,69708	27,5266	49,3657	0,65591	12,5833	31,1526	0,77046	3,9553	16,5569	0,75727	0	0

2.04.2019	45,1939	71,4894	0,64108	28,6051	49,3657	0,59905	13,5391	31,1526	0,7019	4,65405	16,5569	0,67511	0	0
3.04.2019	44,0301	71,4894	0,68979	27,6112	49,3657	0,65145	12,7891	31,1526	0,75571	4,3571	16,5569	0,71002	0	0
4.04.2019	44,8182	71,4894	0,65681	28,2333	49,3657	0,61865	13,4064	31,1526	0,71142	5,04662	16,5569	0,62895	0	0
5.04.2019	45,0478	71,4894	0,6472	28,3116	49,3657	0,61452	13,4097	31,1526	0,71119	5,29551	16,5569	0,59968	0	0
6.04.2019	44,2242	71,4894	0,68167	27,7501	49,3657	0,64412	12,9967	31,1526	0,74082	5,14245	16,5569	0,61768	0	0
7.04.2019	44,0152	71,4894	0,69041	27,6794	49,3657	0,64785	12,783	31,1526	0,75614	5,19085	16,5569	0,61199	0	0
8.04.2019	42,4665	71,4894	0,75523	26,797	49,3657	0,69437	11,9471	31,1526	0,81548	4,6219	16,5569	0,67889	0	0
9.04.2019	41,8561	71,4894	0,78078	26,3867	49,3657	0,716	12,1442	31,1526	0,80189	4,72652	16,5569	0,66659	0	0
10.04.2019	42,0395	71,4894	0,7731	26,5034	49,3657	0,70985	11,8624	31,1526	0,82133	4,5114	16,5569	0,69188	0	0
11.04.2019	42,4221	71,4894	0,75709	26,1378	49,3657	0,72912	11,5228	31,1526	0,84353	4,11251	16,5569	0,73878	0	0
12.04.2019	43,0611	71,4894	0,73035	26,3971	49,3657	0,71546	12,007	31,1526	0,81135	4,49721	16,5569	0,69355	0	0
13.04.2019	43,8281	71,4894	0,69825	26,8379	49,3657	0,69221	12,1773	31,1526	0,79959	4,61491	16,5569	0,67971	0	0
14.04.2019	44,4539	71,4894	0,67206	27,3185	49,3657	0,66688	12,7355	31,1526	0,75955	5,00419	16,5569	0,63394	0	0
15.04.2019	44,2701	71,4894	0,67975	27,2354	49,3657	0,67126	12,6725	31,1526	0,76407	4,98504	16,5569	0,63619	0	0
16.04.2019	44,4371	71,4894	0,67276	27,5199	49,3657	0,65626	12,8982	31,1526	0,74788	5,23402	16,5569	0,60691	0	0
17.04.2019	44,5397	71,4894	0,66846	27,4957	49,3657	0,65754	12,7576	31,1526	0,75796	5,07836	16,5569	0,62521	0	0
18.04.2019	46,8261	71,4894	0,57277	29,404	49,3657	0,55692	14,9212	31,1526	0,60276	6,15131	16,5569	0,49905	0	0
19.04.2019	49,2099	71,4894	0,473	31,3404	49,3657	0,45484	17,0529	31,1526	0,44985	6,53358	16,5569	0,4541	0	0
20.04.2019	49,8963	71,4894	0,44427	31,9607	49,3657	0,42213	17,6317	31,1526	0,40833	6,63027	16,5569	0,44273	0	0
21.04.2019	48,5625	71,4894	0,50009	30,5804	49,3657	0,4949	16,215	31,1526	0,50995	6,47402	16,5569	0,46111	0	0
22.04.2019	47,9229	71,4894	0,52686	29,8669	49,3657	0,53252	15,4022	31,1526	0,56826	6,20875	16,5569	0,4923	0	0
23.04.2019	47,0261	71,4894	0,5644	28,9422	49,3657	0,58127	14,1747	31,1526	0,65631	5,73076	16,5569	0,5485	0	0
24.04.2019	47,2587	71,4894	0,55466	29,1662	49,3657	0,56947	14,4782	31,1526	0,63454	5,69571	16,5569	0,55262	0	0
25.04.2019	46,4337	71,4894	0,58919	28,3154	49,3657	0,61432	13,4984	31,1526	0,70482	5,17331	16,5569	0,61405	0	0
26.04.2019	46,6818	71,4894	0,57881	28,5796	49,3657	0,60039	13,7865	31,1526	0,68416	5,30083	16,5569	0,59906	0	0
27.04.2019	46,5757	71,4894	0,58325	28,3578	49,3657	0,61208	13,5023	31,1526	0,70454	5,1708	16,5569	0,61435	0	0
28.04.2019	46,7497	71,4894	0,57597	28,5807	49,3657	0,60033	13,7339	31,1526	0,68793	5,29691	16,5569	0,59952	0	0
29.04.2019	46,2625	71,4894	0,59636	28,0428	49,3657	0,62869	13,1347	31,1526	0,73091	4,98644	16,5569	0,63602	0	0
30.04.2019	46,5721	71,4894	0,5834	28,3249	49,3657	0,61382	13,3961	31,1526	0,71217	5,15793	16,5569	0,61586	0	0
1.05.2019	46,7362	71,4894	0,57653	28,3162	49,3657	0,61428	13,3494	31,1526	0,71551	5,11292	16,5569	0,62115	0	0
2.05.2019	47,3905	71,4894	0,54915	29,0772	49,3657	0,57416	14,1202	31,1526	0,66022	5,55244	16,5569	0,56947	0	0
3.05.2019	47,5938	71,4894	0,54064	29,2102	49,3657	0,56714	14,2162	31,1526	0,65333	5,64219	16,5569	0,55892	0	0
4.05.2019	47,2395	71,4894	0,55547	28,803	49,3657	0,58861	13,7577	31,1526	0,68622	5,41138	16,5569	0,58606	0	0
5.05.2019	47,2739	71,4894	0,55403	28,869	49,3657	0,58513	13,7828	31,1526	0,68442	5,39964	16,5569	0,58744	0	0
6.05.2019	47,2962	71,4894	0,55309	28,5894	49,3657	0,59987	13,4834	31,1526	0,7059	5,26838	16,5569	0,60287	0	0
7.05.2019	47,0274	71,4894	0,56434	28,2538	49,3657	0,61757	13,0576	31,1526	0,73644	4,94327	16,5569	0,6411	0	0
8.05.2019	46,9675	71,4894	0,56685	28,1839	49,3657	0,62125	12,9571	31,1526	0,74365	4,85337	16,5569	0,65167	0	0
9.05.2019	46,5752	71,4894	0,58327	27,7692	49,3657	0,64312	12,4744	31,1526	0,77828	4,44668	16,5569	0,69949	0	0
10.05.2019	46,9101	71,4894	0,56925	28,0002	49,3657	0,63094	12,6916	31,1526	0,7627	4,60792	16,5569	0,68053	0	0
11.05.2019	47,4993	71,4894	0,54459	28,5427	49,3657	0,60234	13,2446	31,1526	0,72303	5,1012	16,5569	0,62253	0	0

12.05.2019	47,4134	71,4894	0,54819	28,4181	49,3657	0,60891	13,057	31,1526	0,73649	4,92579	16,5569	0,64316	0	0
13.05.2019	48,0123	71,4894	0,52312	28,7891	49,3657	0,58934	13,8171	31,1526	0,68196	5,58072	16,5569	0,56615	0	0
14.05.2019	47,9881	71,4894	0,52414	28,837	49,3657	0,58682	13,98	31,1526	0,67028	5,73589	16,5569	0,5479	0	0
15.05.2019	48,1718	71,4894	0,51645	29,7917	49,3657	0,53649	16,0033	31,1526	0,52514	7,42166	16,5569	0,34968	0	0
16.05.2019	47,3696	71,4894	0,55002	29,5386	49,3657	0,54983	15,7237	31,1526	0,5452	7,27975	16,5569	0,36636	0	0
17.05.2019	48,4991	71,4894	0,50275	29,3326	49,3657	0,56069	14,7441	31,1526	0,61547	6,39512	16,5569	0,47038	0	0
18.05.2019	53,7544	71,4894	0,2828	30,283	49,3657	0,51059	16,4082	31,1526	0,4961	7,18031	16,5569	0,37806	0	0
19.05.2019	51,3301	71,4894	0,38426	31,0644	49,3657	0,46938	17,538	31,1526	0,41505	7,67175	16,5569	0,32027	0	0
20.05.2019	52,07	71,4894	0,35329	30,7619	49,3657	0,48534	17,1117	31,1526	0,44563	7,50192	16,5569	0,34024	0	0
21.05.2019	59,3502	71,4894	0,11388	31,8357	49,3657	0,42872	18,3014	31,1526	0,36029	7,49545	16,5569	0,341	0	0
22.05.2019	57,9156	71,4894	0,14362	31,1899	49,3657	0,46277	17,3401	31,1526	0,42924	7,402	16,5569	0,35199	0	0
23.05.2019	57,6967	71,4894	0,14845	31,1162	49,3657	0,46666	17,5421	31,1526	0,41475	7,46425	16,5569	0,34467	0	0
24.05.2019	61,3887	71,4894	0,07957	32,3731	49,3657	0,40039	18,929	31,1526	0,31527	7,50516	16,5569	0,33986	0	0
25.05.2019	63,1792	71,4894	0,05719	32,9725	49,3657	0,36879	19,4261	31,1526	0,27961	7,5537	16,5569	0,33415	0	0
26.05.2019	59,2916	71,4894	0,11498	32,5289	49,3657	0,39218	18,973	31,1526	0,31211	7,71003	16,5569	0,31577	0	0
27.05.2019	58,07	71,4894	0,14021	33,0671	49,3657	0,3638	19,7069	31,1526	0,25947	7,80297	16,5569	0,30484	0	0
28.05.2019	56,9226	71,4894	0,16766	32,3429	49,3657	0,40198	18,8155	31,1526	0,32341	7,82969	16,5569	0,3017	0	0
29.05.2019	57,3379	71,4894	0,15724	32,5801	49,3657	0,38947	19,1168	31,1526	0,30179	7,82562	16,5569	0,30218	0	0
30.05.2019	54,9123	71,4894	0,23433	30,7863	49,3657	0,48405	17,0949	31,1526	0,44683	7,70209	16,5569	0,3167	0	0
31.05.2019	55,3983	71,4894	0,21399	31,9201	49,3657	0,42427	18,2973	31,1526	0,36059	7,88946	16,5569	0,29467	0	0
1.06.2019	55,2356	71,4894	0,2208	31,9728	49,3657	0,4215	18,5638	31,1526	0,34146	7,91188	16,5569	0,29204	0	0
2.06.2019	54,9105	71,4894	0,23441	32,4063	49,3657	0,39864	19,0011	31,1526	0,3101	8,01919	16,5569	0,27942	0	0
3.06.2019	52,1801	71,4894	0,34869	30,6068	49,3657	0,49351	16,8487	31,1526	0,4645	7,85382	16,5569	0,29886	0	0
4.06.2019	50,4133	71,4894	0,42263	29,2699	49,3657	0,564	15,2909	31,1526	0,57624	6,86173	16,5569	0,41552	0	0
5.06.2019	52,2342	71,4894	0,34642	30,0005	49,3657	0,52548	16,1137	31,1526	0,51722	7,49377	16,5569	0,3412	0	0
6.06.2019	52,508	71,4894	0,33496	30,0374	49,3657	0,52353	16,1922	31,1526	0,51159	7,55588	16,5569	0,3339	0	0
7.06.2019	52,8888	71,4894	0,31902	30,4308	49,3657	0,50279	16,4081	31,1526	0,4961	7,69851	16,5569	0,31713	0	0
8.06.2019	53,1598	71,4894	0,30768	30,4577	49,3657	0,50138	16,4582	31,1526	0,49251	7,62625	16,5569	0,32562	0	0
9.06.2019	52,5897	71,4894	0,33154	29,4992	49,3657	0,5519	15,3353	31,1526	0,57305	6,79706	16,5569	0,42312	0	0
10.06.2019	53,4406	71,4894	0,29593	30,2236	49,3657	0,51372	16,173	31,1526	0,51296	7,46113	16,5569	0,34504	0	0
11.06.2019	53,3081	71,4894	0,30148	30,1476	49,3657	0,51772	16,08	31,1526	0,51963	7,5165	16,5569	0,33853	0	0
12.06.2019	55,0605	71,4894	0,22813	31,8715	49,3657	0,42683	17,804	31,1526	0,39597	8,33274	16,5569	0,24255	0	0
13.06.2019	54,5049	71,4894	0,25138	31,8439	49,3657	0,42829	17,5574	31,1526	0,41366	8,10388	16,5569	0,26946	0	0
14.06.2019	53,3753	71,4894	0,29866	30,4516	49,3657	0,5017	15,7211	31,1526	0,54538	7,2104	16,5569	0,37452	0	0
15.06.2019	52,4153	71,4894	0,33884	30,3125	49,3657	0,50903	15,333	31,1526	0,57322	6,81829	16,5569	0,42063	0	0
16.06.2019	52,5215	71,4894	0,3344	30,0703	49,3657	0,5218	15,0597	31,1526	0,59283	6,55711	16,5569	0,45134	0	0
17.06.2019	53,6494	71,4894	0,28719	31,2423	49,3657	0,46001	16,135	31,1526	0,51569	7,43664	16,5569	0,34792	0	0
18.06.2019	51,3177	71,4894	0,38478	30,9621	49,3657	0,47478	15,878	31,1526	0,53413	7,08588	16,5569	0,38916	0	0
19.06.2019	50,7594	71,4894	0,40815	31,0475	49,3657	0,47028	16,0132	31,1526	0,52443	7,14773	16,5569	0,38189	0	0
20.06.2019	54,1279	71,4894	0,26716	32,9608	49,3657	0,3694	17,7942	31,1526	0,39667	8,16434	16,5569	0,26235	0	0

20.06.2019	54,1279	71,4894	0,26716	32,9608	49,3657	0,3694	17,7942	31,1526	0,39667	8,16434	16,5569	0,26235	0	0
21.06.2019	54,063	71,4894	0,26988	34,4278	49,3657	0,29206	19,3579	31,1526	0,2845	8,26686	16,5569	0,2503	0	0
22.06.2019	52,2186	71,4894	0,34707	33,1254	49,3657	0,36073	18,0187	31,1526	0,38057	8,08517	16,5569	0,27166	0	0
23.06.2019	52,794	71,4894	0,32299	32,7822	49,3657	0,37882	17,6485	31,1526	0,40713	8,12442	16,5569	0,26704	0	0
24.06.2019	52,4768	71,4894	0,33627	32,8671	49,3657	0,37435	17,6475	31,1526	0,4072	8,22212	16,5569	0,25556	0	0
25.06.2019	52,2697	71,4894	0,34493	31,8758	49,3657	0,42661	16,6503	31,1526	0,47873	7,77982	16,5569	0,30756	0	0
26.06.2019	55,0248	71,4894	0,22962	32,259	49,3657	0,4064	16,9898	31,1526	0,45437	8,23341	16,5569	0,25423	0	0
27.06.2019	53,5609	71,4894	0,29089	31,1918	49,3657	0,46267	15,8889	31,1526	0,53334	7,15354	16,5569	0,3812	0	0
28.06.2019	53,8888	71,4894	0,27717	31,5116	49,3657	0,44581	16,1385	31,1526	0,51544	7,39837	16,5569	0,35242	0	0
29.06.2019	54,7121	71,4894	0,24271	32,1882	49,3657	0,41014	16,7634	31,1526	0,47061	8,00706	16,5569	0,28084	0	0
30.06.2019	53,2383	71,4894	0,3044	30,6343	49,3657	0,49206	15,1524	31,1526	0,58617	6,3602	16,5569	0,47449	0	0
1.07.2019	53,431	71,4894	0,29633	30,684	49,3657	0,48944	15,1469	31,1526	0,58657	6,33519	16,5569	0,47743	0	0
2.07.2019	53,1207	71,4894	0,30932	30,1127	49,3657	0,51956	14,5676	31,1526	0,62813	5,74446	16,5569	0,54689	0	0
3.07.2019	54,3991	71,4894	0,25581	30,6707	49,3657	0,49014	14,9852	31,1526	0,59817	6,14362	16,5569	0,49996	0	0
4.07.2019	53,9056	71,4894	0,27647	30,9401	49,3657	0,47594	15,1393	31,1526	0,58712	6,27232	16,5569	0,48482	0	0
5.07.2019	53,8555	71,4894	0,27856	30,7635	49,3657	0,48525	14,9671	31,1526	0,59947	6,07867	16,5569	0,50759	0	0
6.07.2019	52,2321	71,4894	0,34651	30,4295	49,3657	0,50286	14,6855	31,1526	0,61967	5,7835	16,5569	0,5423	0	0
7.07.2019	54,9982	71,4894	0,23074	31,1085	49,3657	0,46706	15,2297	31,1526	0,58063	6,2966	16,5569	0,48197	0	0
8.07.2019	52,877	71,4894	0,31952	30,9211	49,3657	0,47694	15,2318	31,1526	0,58048	6,27829	16,5569	0,48412	0	0
9.07.2019	52,5777	71,4894	0,33204	30,5386	49,3657	0,49711	14,8245	31,1526	0,6097	5,8471	16,5569	0,53482	0	0
10.07.2019	52,5453	71,4894	0,3334	29,8692	49,3657	0,5324	14,32	31,1526	0,64589	5,31606	16,5569	0,59726	0	0
11.07.2019	53,1628	71,4894	0,30756	29,5259	49,3657	0,5505	13,7838	31,1526	0,68435	4,76411	16,5569	0,66217	0	0
12.07.2019	52,8119	71,4894	0,32224	30,1848	49,3657	0,51576	14,4844	31,1526	0,6341	5,39489	16,5569	0,588	0	0
13.07.2019	52,0081	71,4894	0,35589	29,9267	49,3657	0,52937	14,2726	31,1526	0,64929	5,16244	16,5569	0,61533	0	0
14.07.2019	53,1066	71,4894	0,30991	29,7108	49,3657	0,54075	13,7117	31,1526	0,68953	4,60422	16,5569	0,68097	0	0
15.07.2019	53,091	71,4894	0,31056	29,31	49,3657	0,56188	13,5548	31,1526	0,70078	4,44226	16,5569	0,70001	0	0
16.07.2019	52,8615	71,4894	0,32017	28,7931	49,3657	0,58913	12,8508	31,1526	0,75128	3,73163	16,5569	0,78357	0	0
17.07.2019	51,8734	71,4894	0,36152	29,083	49,3657	0,57385	13,2338	31,1526	0,72381	4,05365	16,5569	0,7457	0	0
18.07.2019	54,0251	71,4894	0,27146	30,1505	49,3657	0,51757	13,8674	31,1526	0,67835	4,7043	16,5569	0,6692	0	0
19.07.2019	52,5566	71,4894	0,33293	29,8178	49,3657	0,53511	13,7667	31,1526	0,68558	4,59994	16,5569	0,68147	0	0
20.07.2019	53,4136	71,4894	0,29706	30,5441	49,3657	0,49682	14,3385	31,1526	0,64456	5,14823	16,5569	0,617	0	0
21.07.2019	55,178	71,4894	0,22321	30,7807	49,3657	0,48435	14,3927	31,1526	0,64067	5,19957	16,5569	0,61096	0	0
22.07.2019	54,2648	71,4894	0,26143	30,6219	49,3657	0,49272	14,2709	31,1526	0,64941	5,04955	16,5569	0,6286	0	0
23.07.2019	53,7562	71,4894	0,28272	30,2013	49,3657	0,51489	13,8906	31,1526	0,67669	4,65069	16,5569	0,6755	0	0
24.07.2019	53,9664	71,4894	0,27392	30,1281	49,3657	0,51875	13,8123	31,1526	0,68231	4,55553	16,5569	0,68669	0	0
25.07.2019	53,9287	71,4894	0,2755	30,0791	49,3657	0,52134	13,8125	31,1526	0,68229	4,53752	16,5569	0,68881	0	0
26.07.2019	54,0505	71,4894	0,2704	30,1607	49,3657	0,51703	13,8146	31,1526	0,68214	4,53103	16,5569	0,68957	0	0
27.07.2019	55,1699	71,4894	0,22355	30,1892	49,3657	0,51553	13,6599	31,1526	0,69324	4,3726	16,5569	0,7082	0	0
28.07.2019	55,86	71,4894	0,19645	30,4087	49,3657	0,50396	13,7282	31,1526	0,68834	4,43846	16,5569	0,70046	0	0
29.07.2019	54,4573	71,4894	0,25337	29,1955	49,3657	0,56792	13,386	31,1526	0,71289	4,10835	16,5569	0,73927	0	0
30.07.2019	54,1663	71,4894	0,26555	29,0474	49,3657	0,57572	13,308	31,1526	0,71849	4,00781	16,5569	0,75109	0	0

30.07.2019	54,1663	71,4894	0,26555	29,0474	49,3657	0,57572	13,308	31,1526	0,71849	4,00781	16,5569	0,75109	0	0
31.07.2019	53,9238	71,4894	0,27571	28,913	49,3657	0,58281	13,5237	31,1526	0,70301	4,2147	16,5569	0,72677	0	0
1.08.2019	53,6942	71,4894	0,28531	29,3212	49,3657	0,56129	13,8614	31,1526	0,67878	4,49772	16,5569	0,69349	0	0
2.08.2019	53,7636	71,4894	0,28241	29,0025	49,3657	0,57809	13,6026	31,1526	0,69735	4,27436	16,5569	0,71975	0	0
3.08.2019	53,6355	71,4894	0,28777	28,7159	49,3657	0,5932	13,5241	31,1526	0,70298	4,21068	16,5569	0,72724	0	0
4.08.2019	53,3981	71,4894	0,29771	28,2994	49,3657	0,61516	13,4074	31,1526	0,71135	4,11	16,5569	0,73908	0	0
5.08.2019	53,4285	71,4894	0,29644	28,3898	49,3657	0,6104	13,5158	31,1526	0,70358	4,19645	16,5569	0,72891	0	0
6.08.2019	53,6726	71,4894	0,28622	28,5509	49,3657	0,6019	13,4873	31,1526	0,70562	4,13847	16,5569	0,73573	0	0
7.08.2019	53,4726	71,4894	0,29459	28,924	49,3657	0,58223	14,1302	31,1526	0,6595	4,65321	16,5569	0,67521	0	0
8.08.2019	53,4314	71,4894	0,29631	29,5217	49,3657	0,55072	14,744	31,1526	0,61547	5,13312	16,5569	0,61878	0	0
9.08.2019	53,4062	71,4894	0,29737	28,9945	49,3657	0,57851	14,306	31,1526	0,64689	4,74529	16,5569	0,66438	0	0
10.08.2019	53,8554	71,4894	0,27857	29,3278	49,3657	0,56094	14,3206	31,1526	0,64585	4,71999	16,5569	0,66735	0	0
11.08.2019	53,6631	71,4894	0,28661	29,2751	49,3657	0,56372	14,3849	31,1526	0,64123	4,81742	16,5569	0,6559	0	0
12.08.2019	53,5926	71,4894	0,28957	29,2404	49,3657	0,56555	14,3782	31,1526	0,64171	4,80476	16,5569	0,65739	0	0
13.08.2019	53,7217	71,4894	0,28416	29,1342	49,3657	0,57115	14,1966	31,1526	0,65474	4,63055	16,5569	0,67787	0	0
14.08.2019	54,1111	71,4894	0,26786	28,885	49,3657	0,58429	13,7307	31,1526	0,68816	4,17791	16,5569	0,73109	0	0
15.08.2019	54,2888	71,4894	0,26043	29,1471	49,3657	0,57047	13,9788	31,1526	0,67036	4,38926	16,5569	0,70624	0	0
16.08.2019	54,326	71,4894	0,25887	29,105	49,3657	0,57269	13,8538	31,1526	0,67933	4,28053	16,5569	0,71903	0	0
17.08.2019	54,2116	71,4894	0,26366	28,9049	49,3657	0,58324	13,7634	31,1526	0,68581	4,21996	16,5569	0,72615	0	0
18.08.2019	54,3183	71,4894	0,25919	29,0357	49,3657	0,57635	13,9002	31,1526	0,676	4,32618	16,5569	0,71366	0	0
19.08.2019	54,2273	71,4894	0,263	29,1477	49,3657	0,57044	14,0796	31,1526	0,66314	4,48562	16,5569	0,69491	0	0
20.08.2019	54,1339	71,4894	0,26691	29,0024	49,3657	0,5781	13,8815	31,1526	0,67735	4,28452	16,5569	0,71856	0	0
21.08.2019	54,3579	71,4894	0,25754	28,9212	49,3657	0,58238	13,6308	31,1526	0,69533	4,05329	16,5569	0,74575	0	0
22.08.2019	54,3013	71,4894	0,2599	28,9218	49,3657	0,58235	13,6264	31,1526	0,69564	4,04356	16,5569	0,74689	0	0
23.08.2019	54,581	71,4894	0,2482	29,0913	49,3657	0,57341	13,6648	31,1526	0,69289	4,0847	16,5569	0,74205	0	0
24.08.2019	54,5724	71,4894	0,24856	28,9214	49,3657	0,58237	13,5009	31,1526	0,70464	3,91875	16,5569	0,76157	0	0
25.08.2019	54,7807	71,4894	0,23984	29,059	49,3657	0,57512	13,4611	31,1526	0,7075	3,86347	16,5569	0,76807	0	0
26.08.2019	54,9141	71,4894	0,23426	29,0706	49,3657	0,5745	13,4819	31,1526	0,70601	3,89089	16,5569	0,76484	0	0
27.08.2019	54,8653	71,4894	0,2363	28,969	49,3657	0,57986	13,3727	31,1526	0,71384	3,76015	16,5569	0,78022	0	0
28.08.2019	54,201	71,4894	0,2641	28,2998	49,3657	0,61514	12,7949	31,1526	0,75529	3,16222	16,5569	0,85656	0	0
29.08.2019	54,2514	71,4894	0,26199	28,1401	49,3657	0,62356	12,4648	31,1526	0,77897	2,83721	16,5569	0,89512	0	0
30.08.2019	54,321	71,4894	0,25908	28,2951	49,3657	0,61539	12,5201	31,1526	0,775	2,90034	16,5569	0,8879	0	0
31.08.2019	54,6995	71,4894	0,24324	28,3203	49,3657	0,61406	12,3671	31,1526	0,78598	2,73751	16,5569	0,90614	0	0
1.09.2019	54,4738	71,4894	0,25269	28,0321	49,3657	0,62926	12,3433	31,1526	0,78768	2,75469	16,5569	0,90431	0	0
2.09.2019	54,4257	71,4894	0,2547	28,147	49,3657	0,6232	12,6475	31,1526	0,76587	3,04488	16,5569	0,87106	0	0
3.09.2019	54,1712	71,4894	0,26535	27,6578	49,3657	0,64899	12,5279	31,1526	0,77444	2,94492	16,5569	0,88279	0	0
4.09.2019	54,3951	71,4894	0,25598	27,6764	49,3657	0,64801	12,4696	31,1526	0,77862	2,84411	16,5569	0,89433	0	0
5.09.2019	54,4503	71,4894	0,25367	27,9011	49,3657	0,63616	12,695	31,1526	0,76246	3,03944	16,5569	0,87173	0	0
6.09.2019	54,4724	71,4894	0,25274	27,8544	49,3657	0,63862	12,6225	31,1526	0,76766	2,90608	16,5569	0,88724	0	0
7.09.2019	54,7118	71,4894	0,24272	28,1421	49,3657	0,62345	12,5962	31,1526	0,76954	2,95031	16,5569	0,88218	0	0
8.09.2019	54,4988	71,4894	0,25164	27,877	49,3657	0,63743	12,4223	31,1526	0,78201	2,89564	16,5569	0,88843	0	0

9.09.2019	54,3374	71,4894	0,25839	27,6268	49,3657	0,65063	12,3676	31,1526	0,78594	2,82036	16,5569	0,89705	0	0
10.09.2019	54,3947	71,4894	0,256	27,5948	49,3657	0,65231	12,3213	31,1526	0,78926	2,73545	16,5569	0,90636	0	0
11.09.2019	54,2095	71,4894	0,26375	27,0866	49,3657	0,6791	12,1124	31,1526	0,80408	2,5443	16,5569	0,92571	0	0
12.09.2019	53,9719	71,4894	0,27369	26,7589	49,3657	0,69638	12,0761	31,1526	0,80659	2,52413	16,5569	0,92762	0	0
13.09.2019	54,0401	71,4894	0,27084	26,7834	49,3657	0,69509	12,0825	31,1526	0,80615	2,52883	16,5569	0,92717	0	0
14.09.2019	54,1387	71,4894	0,26671	26,838	49,3657	0,69221	12,1526	31,1526	0,80131	2,57978	16,5569	0,92225	0	0
15.09.2019	53,9667	71,4894	0,27391	26,5686	49,3657	0,70641	12,0632	31,1526	0,80748	2,46077	16,5569	0,93351	0	0
16.09.2019	54,5292	71,4894	0,25036	27,0639	49,3657	0,6803	12,1614	31,1526	0,80071	2,50415	16,5569	0,9295	0	0
17.09.2019	54,672	71,4894	0,24439	27,1907	49,3657	0,67362	12,2937	31,1526	0,79124	2,65935	16,5569	0,9143	0	0
18.09.2019	54,9655	71,4894	0,23211	27,4951	49,3657	0,65757	12,4843	31,1526	0,77757	2,85665	16,5569	0,8929	0	0
19.09.2019	54,895	71,4894	0,23506	27,4376	49,3657	0,6606	12,3304	31,1526	0,78861	2,69202	16,5569	0,91093	0	0
20.09.2019	55,2032	71,4894	0,22216	27,6093	49,3657	0,65155	12,3345	31,1526	0,78831	2,69603	16,5569	0,91051	0	0
21.09.2019	55,4564	71,4894	0,21156	27,7132	49,3657	0,64607	12,3311	31,1526	0,78856	2,69156	16,5569	0,91098	0	0
22.09.2019	55,3099	71,4894	0,21769	27,5473	49,3657	0,65481	12,1812	31,1526	0,79931	2,52596	16,5569	0,92744	0	0
23.09.2019	55,6389	71,4894	0,20392	27,8356	49,3657	0,63962	12,1607	31,1526	0,80075	2,49237	16,5569	0,9306	0	0
24.09.2019	56,2923	71,4894	0,18441	28,6279	49,3657	0,59784	12,0691	31,1526	0,80707	2,28792	16,5569	0,94827	0	0
25.09.2019	56,2487	71,4894	0,18563	28,3807	49,3657	0,61088	11,9662	31,1526	0,81417	2,20243	16,5569	0,95492	0	0
26.09.2019	56,4517	71,4894	0,17997	28,509	49,3657	0,60411	11,9258	31,1526	0,81695	2,11077	16,5569	0,96145	0	0
27.09.2019	56,5708	71,4894	0,17665	28,5557	49,3657	0,60165	11,9636	31,1526	0,81435	2,14144	16,5569	0,95934	0	0
28.09.2019	56,6143	71,4894	0,17544	28,5312	49,3657	0,60294	11,9677	31,1526	0,81407	2,13272	16,5569	0,95997	0	0
29.09.2019	56,5899	71,4894	0,17612	28,4713	49,3657	0,6061	11,9253	31,1526	0,81699	2,07912	16,5569	0,96358	0	0
30.09.2019	56,7259	71,4894	0,1726	28,554	49,3657	0,60174	11,9807	31,1526	0,81317	2,12984	16,5569	0,96017	0	0
1.10.2019	56,6603	71,4894	0,17424	28,4378	49,3657	0,60787	11,9673	31,1526	0,8141	2,11737	16,5569	0,96101	0	0
2.10.2019	56,7934	71,4894	0,1709	28,5195	49,3657	0,60356	11,9969	31,1526	0,81205	2,13482	16,5569	0,95982	0	0
3.10.2019	56,8484	71,4894	0,16952	28,5237	49,3657	0,60334	11,9867	31,1526	0,81276	2,11608	16,5569	0,96109	0	0
4.10.2019	57,001	71,4894	0,16569	28,6278	49,3657	0,59785	12,007	31,1526	0,81136	2,12532	16,5569	0,96047	0	0
5.10.2019	57,114	71,4894	0,16286	28,6949	49,3657	0,59431	12,006	31,1526	0,81143	2,10977	16,5569	0,96152	0	0
6.10.2019	57,1682	71,4894	0,1615	28,6956	49,3657	0,59428	11,9713	31,1526	0,81382	2,05351	16,5569	0,96529	0	0
7.10.2019	57,1802	71,4894	0,16119	28,7014	49,3657	0,59397	12,053	31,1526	0,80818	2,13313	16,5569	0,95994	0	0
8.10.2019	57,1688	71,4894	0,16148	28,6368	49,3657	0,59737	12,0459	31,1526	0,80867	2,11822	16,5569	0,96095	0	0
9.10.2019	57,161	71,4894	0,16168	28,7429	49,3657	0,59178	12,2343	31,1526	0,7955	2,2985	16,5569	0,94742	0	0
10.10.2019	57,1015	71,4894	0,16317	28,6478	49,3657	0,59679	12,211	31,1526	0,79718	2,2608	16,5569	0,95044	0	0
11.10.2019	57,2446	71,4894	0,15958	28,635	49,3657	0,59747	12,1563	31,1526	0,80106	2,19047	16,5569	0,95579	0	0
12.10.2019	57,4354	71,4894	0,15479	28,8065	49,3657	0,58843	12,2495	31,1526	0,79441	2,26301	16,5569	0,95027	0	0
13.10.2019	57,3146	71,4894	0,15782	28,8343	49,3657	0,58696	12,3345	31,1526	0,78831	2,3314	16,5569	0,94475	0	0
14.10.2019	57,393	71,4894	0,15585	28,8707	49,3657	0,58504	12,3607	31,1526	0,78643	2,3469	16,5569	0,94343	0	0
15.10.2019	57,4886	71,4894	0,15345	28,9425	49,3657	0,58126	12,3844	31,1526	0,78474	2,35226	16,5569	0,94298	0	0
16.10.2019	57,7895	71,4894	0,1464	29,0931	49,3657	0,57332	12,3716	31,1526	0,78566	2,32093	16,5569	0,9456	0	0
17.10.2019	57,7675	71,4894	0,14689	29,0969	49,3657	0,57312	12,4394	31,1526	0,78079	2,37465	16,5569	0,94109	0	0
18.10.2019	57,8697	71,4894	0,14463	29,1293	49,3657	0,57141	12,4397	31,1526	0,78077	2,35707	16,5569	0,94257	0	0

18.10.2019	57,8697	71,4894	0,14463	29,1293	49,3657	0,57141	12,4397	31,1526	0,78077	2,35707	16,5569	0,94257	0	0
19.10.2019	58,0536	71,4894	0,14057	29,2006	49,3657	0,56765	12,4664	31,1526	0,77886	2,3669	16,5569	0,94174	0	0
20.10.2019	58,2851	71,4894	0,13546	29,3308	49,3657	0,56079	12,5488	31,1526	0,77294	2,43275	16,5569	0,93604	0	0
21.10.2019	58,3937	71,4894	0,13307	29,401	49,3657	0,55709	12,5772	31,1526	0,7709	2,44579	16,5569	0,93489	0	0
22.10.2019	58,4294	71,4894	0,13228	29,3769	49,3657	0,55836	12,5696	31,1526	0,77145	2,42074	16,5569	0,93709	0	0
23.10.2019	58,263	71,4894	0,13595	29,2699	49,3657	0,564	12,4283	31,1526	0,78159	2,25914	16,5569	0,95056	0	0
24.10.2019	58,2114	71,4894	0,13709	29,2676	49,3657	0,56412	12,4783	31,1526	0,778	2,29555	16,5569	0,94765	0	0
25.10.2019	58,148	71,4894	0,13849	29,0225	49,3657	0,57704	12,56	31,1526	0,77214	2,38155	16,5569	0,9405	0	0
26.10.2019	58,2064	71,4894	0,1372	29,0779	49,3657	0,57412	12,6304	31,1526	0,76709	2,44575	16,5569	0,93489	0	0
27.10.2019	58,1639	71,4894	0,13814	28,9654	49,3657	0,58005	12,6462	31,1526	0,76596	2,46349	16,5569	0,93326	0	0
28.10.2019	57,9873	71,4894	0,14203	28,6878	49,3657	0,59468	12,6748	31,1526	0,7639	2,49238	16,5569	0,9306	0	0
29.10.2019	58,0807	71,4894	0,13997	28,7326	49,3657	0,59233	12,7502	31,1526	0,7585	2,5532	16,5569	0,92486	0	0
30.10.2019	58,0438	71,4894	0,14079	28,6442	49,3657	0,59698	12,6904	31,1526	0,76278	2,48892	16,5569	0,93092	0	0
31.10.2019	58,1738	71,4894	0,13792	28,7422	49,3657	0,59182	12,7107	31,1526	0,76133	2,50288	16,5569	0,92962	0	0
1.11.2019	58,1923	71,4894	0,13751	28,6974	49,3657	0,59418	12,7031	31,1526	0,76187	2,49568	16,5569	0,9303	0	0
2.11.2019	58,0575	71,4894	0,14048	28,5489	49,3657	0,60201	12,6998	31,1526	0,76211	2,50547	16,5569	0,92938	0	0
3.11.2019	58,2662	71,4894	0,13588	28,714	49,3657	0,5933	12,747	31,1526	0,75872	2,52238	16,5569	0,92778	0	0
4.11.2019	58,5989	71,4894	0,12854	28,9475	49,3657	0,58099	12,8352	31,1526	0,7524	2,58951	16,5569	0,9213	0	0
5.11.2019	58,7723	71,4894	0,12475	29,0928	49,3657	0,57333	12,8717	31,1526	0,74978	2,61543	16,5569	0,91872	0	0
6.11.2019	59,0722	71,4894	0,11911	29,3304	49,3657	0,56081	12,9287	31,1526	0,74569	2,64359	16,5569	0,9159	0	0
7.11.2019	58,8705	71,4894	0,12291	29,5137	49,3657	0,55114	12,9872	31,1526	0,74149	2,69415	16,5569	0,91071	0	0
8.11.2019	59,2059	71,4894	0,1166	29,5511	49,3657	0,54917	12,934	31,1526	0,74531	2,60514	16,5569	0,91976	0	0
9.11.2019	42,4058	71,4894	0,75777	23,9618	49,3657	0,83836	13,3181	31,1526	0,71776	4,26753	16,5569	0,72056	0	0
10.11.2019	43,4569	71,4894	0,71378	24,7478	49,3657	0,80216	14,0515	31,1526	0,66515	4,08815	16,5569	0,74165	0	0
11.11.2019	275,465	71,4894	0,001	29,9605	49,3657	0,52759	12,5452	31,1526	0,7732	2,1715	16,5569	0,95716	1	1
12.11.2019	275,92	71,4894	0,001	30,0742	49,3657	0,52159	12,6325	31,1526	0,76694	2,24128	16,5569	0,95194	1	1
13.11.2019	276,35	71,4894	0,001	30,1405	49,3657	0,5181	12,6928	31,1526	0,76261	2,28274	16,5569	0,94869	1	1
14.11.2019	276,785	71,4894	0,001	30,2114	49,3657	0,51436	12,716	31,1526	0,76095	2,28653	16,5569	0,94838	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test

Maximum Eigen Value Test Stat

date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%	Lag Length
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value			
21.05.2018	22,5121	36,1943	0,39947	17,631	29,2649	0,3264	10,1687	21,7455	0,43046	1,08623	6,6349	0,41144	0	0	1
22.05.2018	23,2383	36,1943	0,34893	18,0243	29,2649	0,29573	11,1212	21,7455	0,34244	0,48779	6,6349	0,63896	0	0	1
23.05.2018	23,3294	36,1943	0,34259	18,5397	29,2649	0,25554	12,3684	21,7455	0,22719	0,42672	6,6349	0,66218	0	0	1
24.05.2018	23,7403	36,1943	0,314	18,8427	29,2649	0,23191	12,5593	21,7455	0,20955	0,83876	6,6349	0,50553	0	0	1
25.05.2018	23,9624	36,1943	0,29854	18,3043	29,2649	0,27389	12,8153	21,7455	0,19187	0,97858	6,6349	0,45237	0	0	1
26.05.2018	24,4622	36,1943	0,26375	18,4692	29,2649	0,26103	13,0722	21,7455	0,1782	1,00906	6,6349	0,44078	0	0	1
27.05.2018	24,1186	36,1943	0,28767	18,0382	29,2649	0,29465	13,2986	21,7455	0,16716	0,81084	6,6349	0,51614	0	0	1
28.05.2018	24,7867	36,1943	0,24117	16,6524	29,2649	0,40272	13,0896	21,7455	0,17727	0,54623	6,6349	0,61674	0	0	1
29.05.2018	25,2118	36,1943	0,21158	17,2639	29,2649	0,35503	13,5543	21,7455	0,1551	0,94602	6,6349	0,46475	0	0	1
30.05.2018	25,6126	36,1943	0,18992	17,5157	29,2649	0,33539	13,4653	21,7455	0,15929	1,06962	6,6349	0,41776	0	0	1
31.05.2018	25,358	36,1943	0,20141	17,6461	29,2649	0,32522	13,3856	21,7455	0,16305	0,93963	6,6349	0,46718	0	0	1
1.06.2018	25,131	36,1943	0,21721	17,9085	29,2649	0,30476	13,1344	21,7455	0,1749	1,01555	6,6349	0,43832	0	0	1
2.06.2018	26,2464	36,1943	0,164	18,1965	29,2649	0,2823	11,1948	21,7455	0,33564	1,06435	6,6349	0,41976	0	0	1
3.06.2018	26,2085	36,1943	0,16545	18,4867	29,2649	0,25967	11,3708	21,7455	0,31937	1,24719	6,6349	0,35025	0	0	1
4.06.2018	26,5174	36,1943	0,15362	18,2746	29,2649	0,27621	10,8858	21,7455	0,36419	1,06247	6,6349	0,42048	0	0	1
5.06.2018	25,9728	36,1943	0,17449	18,9131	29,2649	0,22642	8,401	21,7455	0,59381	0,94396	6,6349	0,46553	0	0	1
6.06.2018	25,7464	36,1943	0,18416	19,5029	29,2649	0,18816	5,41926	21,7455	0,86912	0,35806	6,6349	0,68828	0	0	1
7.06.2018	26,451	36,1943	0,15616	19,8495	29,2649	0,17217	6,62011	21,7455	0,75838	0,55396	6,6349	0,6138	0	0	1
8.06.2018	27,1994	36,1943	0,13032	20,955	29,2649	0,12897	5,37418	21,7455	0,873	0,13601	6,6349	0,7727	0	0	1
9.06.2018	27,5161	36,1943	0,12052	20,9139	29,2649	0,13047	5,94013	21,7455	0,82229	0,48428	6,6349	0,64029	0	0	1
10.06.2018	26,4809	36,1943	0,15502	20,5777	29,2649	0,14275	9,11708	21,7455	0,52764	1,14642	6,6349	0,38856	0	0	1
11.06.2018	25,6519	36,1943	0,18823	21,1458	29,2649	0,12247	8,10234	21,7455	0,62141	1,04717	6,6349	0,42629	0	0	1
12.06.2018	27,1832	36,1943	0,13086	20,6539	29,2649	0,13997	8,05382	21,7455	0,62589	0,50856	6,6349	0,63106	0	0	1
13.06.2018	25,628	36,1943	0,18926	21,0683	29,2649	0,12486	9,02106	21,7455	0,53651	0,39267	6,6349	0,67512	0	0	1
14.06.2018	24,2449	36,1943	0,27888	21,4878	29,2649	0,1119	9,55266	21,7455	0,48739	0,67919	6,6349	0,56619	0	0	1
15.06.2018	24,284	36,1943	0,27616	21,7464	29,2649	0,10392	9,56444	21,7455	0,4863	0,39473	6,6349	0,67434	0	0	1
16.06.2018	23,9182	36,1943	0,30161	21,4295	29,2649	0,11371	9,35478	21,7455	0,50567	0,35709	6,6349	0,68865	0	0	1
17.06.2018	23,9913	36,1943	0,29653	20,2903	29,2649	0,15372	8,80898	21,7455	0,55611	0,23216	6,6349	0,73614	0	0	1
18.06.2018	24,1324	36,1943	0,28671	19,5947	29,2649	0,18383	8,3375	21,7455	0,59968	0,4243	6,6349	0,6631	0	0	1
19.06.2018	24,2593	36,1943	0,27787	18,9403	29,2649	0,2243	8,42082	21,7455	0,59198	0,72087	6,6349	0,55035	0	0	1
20.06.2018	24,6808	36,1943	0,24854	18,8749	29,2649	0,2294	9,7301	21,7455	0,47099	0,88322	6,6349	0,48863	0	0	1
21.06.2018	25,4677	36,1943	0,19615	18,1189	29,2649	0,28836	9,15636	21,7455	0,52401	0,66214	6,6349	0,57267	0	0	1
22.06.2018	25,7522	36,1943	0,18392	18,1898	29,2649	0,28282	10,3799	21,7455	0,41094	0,47816	6,6349	0,64262	0	0	1
23.06.2018	26,0639	36,1943	0,171	18,9655	29,2649	0,22234	10,5599	21,7455	0,3943	0,63943	6,6349	0,58131	0	0	1
24.06.2018	25,8809	36,1943	0,17838	18,9244	29,2649	0,22554	10,4616	21,7455	0,40339	0,78584	6,6349	0,52565	0	0	1
25.06.2018	26,0368	36,1943	0,17203	18,8814	29,2649	0,22889	10,6243	21,7455	0,38835	0,77897	6,6349	0,52826	0	0	1

26.06.2018	26,2496	36,1943	0,16388	19,5549	29,2649	0,18571	10,0296	21,7455	0,44331	0,90873	6,6349	0,47893	0	0	1
27.06.2018	25,9986	36,1943	0,1735	19,8078	29,2649	0,17391	10,1218	21,7455	0,43479	0,96117	6,6349	0,45899	0	0	1
28.06.2018	24,5844	36,1943	0,25525	20,0925	29,2649	0,162	10,5664	21,7455	0,3937	0,84179	6,6349	0,50438	0	0	1
29.06.2018	24,1619	36,1943	0,28466	19,8765	29,2649	0,17104	10,9058	21,7455	0,36234	0,95324	6,6349	0,46201	0	0	1
30.06.2018	23,8188	36,1943	0,30853	19,8914	29,2649	0,17041	10,8865	21,7455	0,36412	1,24403	6,6349	0,35145	0	0	1
1.07.2018	22,9974	36,1943	0,36569	19,8086	29,2649	0,17388	10,8945	21,7455	0,36339	1,35364	6,6349	0,30978	0	0	1
2.07.2018	25,6735	36,1943	0,1873	20,2765	29,2649	0,1543	10,7393	21,7455	0,37773	1,69207	6,6349	0,1937	0	0	1
3.07.2018	26,5421	36,1943	0,15267	20,6436	29,2649	0,14034	10,4832	21,7455	0,40139	1,7188	6,6349	0,19031	0	0	1
4.07.2018	26,9094	36,1943	0,14003	20,5311	29,2649	0,14445	10,5003	21,7455	0,39981	1,9078	6,6349	0,16767	0	0	1
5.07.2018	27,2098	36,1943	0,12997	21,2399	29,2649	0,11956	9,92012	21,7455	0,45343	1,97193	6,6349	0,16078	0	0	1
6.07.2018	27,4915	36,1943	0,12122	21,0164	29,2649	0,12673	8,83907	21,7455	0,55333	1,98501	6,6349	0,15938	0	0	1
7.07.2018	27,8876	36,1943	0,11	21,0888	29,2649	0,12423	9,46755	21,7455	0,49525	2,00845	6,6349	0,15686	0	0	1
8.07.2018	27,9469	36,1943	0,10832	21,4045	29,2649	0,11448	9,11249	21,7455	0,52806	2,03019	6,6349	0,15452	0	0	1
9.07.2018	27,5492	36,1943	0,11959	21,6758	29,2649	0,1061	7,82626	21,7455	0,64692	2,04057	6,6349	0,15341	0	0	1
10.07.2018	26,1813	36,1943	0,1665	21,5808	29,2649	0,10903	5,30074	21,7455	0,87897	2,04075	6,6349	0,15339	0	0	1
11.07.2018	24,3013	36,1943	0,27495	21,6114	29,2649	0,10808	3,52766	21,7455	0,97904	1,98861	6,6349	0,15899	0	0	1
12.07.2018	25,5008	36,1943	0,19473	21,4537	29,2649	0,11296	2,67573	21,7455	0,99537	1,82601	6,6349	0,17672	0	0	1
13.07.2018	25,3679	36,1943	0,20072	21,6885	29,2649	0,1057	2,72947	21,7455	0,995	1,91702	6,6349	0,16668	0	0	1
14.07.2018	25,6627	36,1943	0,18776	21,8581	29,2649	0,10047	2,70048	21,7455	0,9952	1,94187	6,6349	0,16401	0	0	1
15.07.2018	26,5414	36,1943	0,1527	22,0662	29,2649	0,09472	4,23729	21,7455	0,95038	2,13316	6,6349	0,14459	0	0	1
16.07.2018	26,6332	36,1943	0,14928	21,8687	29,2649	0,10014	5,86674	21,7455	0,82919	2,01616	6,6349	0,15603	0	0	1
17.07.2018	26,7485	36,1943	0,14542	22,0771	29,2649	0,09444	6,59309	21,7455	0,76088	1,98509	6,6349	0,15937	0	0	1
18.07.2018	26,0554	36,1943	0,17132	22,6401	29,2649	0,08048	6,53537	21,7455	0,76621	1,85208	6,6349	0,17366	0	0	1
19.07.2018	26,6299	36,1943	0,14939	22,865	29,2649	0,07542	6,34368	21,7455	0,78392	1,95593	6,6349	0,1625	0	0	1
20.07.2018	25,0687	36,1943	0,22155	22,4972	29,2649	0,08385	5,70449	21,7455	0,84415	1,89052	6,6349	0,16953	0	0	1
21.07.2018	25,0435	36,1943	0,2233	22,6548	29,2649	0,08013	5,95403	21,7455	0,82094	1,82828	6,6349	0,17643	0	0	1
22.07.2018	24,6579	36,1943	0,25014	22,5851	29,2649	0,08178	5,91308	21,7455	0,82491	1,83642	6,6349	0,1754	0	0	1
23.07.2018	24,7738	36,1943	0,24207	21,7321	29,2649	0,10436	5,79233	21,7455	0,83605	1,94987	6,6349	0,16315	0	0	1
24.07.2018	24,7997	36,1943	0,24027	21,7846	29,2649	0,10274	5,96779	21,7455	0,8196	1,9107	6,6349	0,16736	0	0	1
25.07.2018	25,3009	36,1943	0,20539	21,8616	29,2649	0,10036	6,26614	21,7455	0,79109	2,11019	6,6349	0,14663	0	0	1
26.07.2018	25,4797	36,1943	0,19564	21,9112	29,2649	0,09896	6,6216	21,7455	0,75824	2,2283	6,6349	0,13613	0	0	1
27.07.2018	25,676	36,1943	0,18719	22,5438	29,2649	0,08275	6,90769	21,7455	0,7318	2,27527	6,6349	0,13196	0	0	1
28.07.2018	25,9437	36,1943	0,17567	23,0715	29,2649	0,07103	7,08589	21,7455	0,71534	2,3247	6,6349	0,12756	0	0	1
29.07.2018	26,1303	36,1943	0,16845	22,9455	29,2649	0,07369	7,11322	21,7455	0,71281	2,27314	6,6349	0,13214	0	0	1
30.07.2018	26,2519	36,1943	0,16379	22,1116	29,2649	0,09354	7,16457	21,7455	0,70807	2,27817	6,6349	0,1317	0	0	1
31.07.2018	26,3878	36,1943	0,15859	21,7922	29,2649	0,1025	7,3157	21,7455	0,6941	2,37355	6,6349	0,12358	0	0	1
1.08.2018	26,4487	36,1943	0,15625	22,1961	29,2649	0,09133	7,15089	21,7455	0,70933	2,37553	6,6349	0,12344	0	0	1
2.08.2018	26,9242	36,1943	0,13953	21,0858	29,2649	0,12432	7,35222	21,7455	0,69072	2,35873	6,6349	0,12463	0	0	1
3.08.2018	27,007	36,1943	0,13676	21,3661	29,2649	0,11566	7,41643	21,7455	0,68479	2,39519	6,6349	0,12204	0	0	1
4.08.2018	27,5393	36,1943	0,11987	20,6526	29,2649	0,14002	7,47095	21,7455	0,67975	2,40537	6,6349	0,12132	0	0	1

5.08.2018	27,7576	36,1943	0,11368	20,2013	29,2649	0,15745	7,52621	21,7455	0,67465	2,43717	6,6349	0,11906	0	0	1
6.08.2018	27,9738	36,1943	0,10755	19,5903	29,2649	0,18403	7,58195	21,7455	0,6695	2,45469	6,6349	0,11781	0	0	1
7.08.2018	28,201	36,1943	0,10112	18,0796	29,2649	0,29142	7,57908	21,7455	0,66976	2,4737	6,6349	0,11646	0	0	1
8.08.2018	28,3809	36,1943	0,09647	17,8114	29,2649	0,31233	7,19417	21,7455	0,70533	2,50067	6,6349	0,11455	0	0	1
9.08.2018	28,586	36,1943	0,09148	16,5831	29,2649	0,40812	7,62348	21,7455	0,66566	2,51331	6,6349	0,11365	0	0	1
10.08.2018	28,7308	36,1943	0,08809	15,4966	29,2649	0,49285	7,1086	21,7455	0,71324	2,54149	6,6349	0,11165	0	0	1
11.08.2018	28,874	36,1943	0,08482	13,7523	29,2649	0,62887	6,92425	21,7455	0,73027	2,56551	6,6349	0,10994	0	0	1
12.08.2018	29,0551	36,1943	0,08087	12,2615	29,2649	0,74513	7,03825	21,7455	0,71974	2,57907	6,6349	0,10898	0	0	1
13.08.2018	28,9281	36,1943	0,08364	11,451	29,2649	0,80808	5,26301	21,7455	0,88195	2,54025	6,6349	0,11174	0	0	1
14.08.2018	29,2729	36,1943	0,07633	11,7676	29,2649	0,78364	4,1334	21,7455	0,95552	2,18423	6,6349	0,14005	0	0	1
15.08.2018	29,7017	36,1943	0,06805	10,9087	29,2649	0,84772	3,69873	21,7455	0,97348	2,16441	6,6349	0,14181	0	0	1
16.08.2018	29,5754	36,1943	0,07038	10,3798	29,2649	0,88187	3,84018	21,7455	0,96824	2,37853	6,6349	0,12322	0	0	1
17.08.2018	29,3623	36,1943	0,07452	10,6573	29,2649	0,86442	6,97285	21,7455	0,72578	2,48618	6,6349	0,11558	0	0	1
18.08.2018	26,3235	36,1943	0,16105	11,0865	29,2649	0,83505	7,82427	21,7455	0,6471	1,97723	6,6349	0,16021	0	0	1
19.08.2018	28,3322	36,1943	0,09769	10,805	29,2649	0,85472	7,14288	21,7455	0,71007	2,08016	6,6349	0,1493	0	0	1
20.08.2018	25,0928	36,1943	0,21987	10,639	29,2649	0,86562	6,5884	21,7455	0,76131	1,94986	6,6349	0,16315	0	0	1
21.08.2018	26,3326	36,1943	0,1607	10,0376	29,2649	0,90193	6,18241	21,7455	0,79883	1,72105	6,6349	0,19003	0	0	1
22.08.2018	27,1923	36,1943	0,13055	9,9886	29,2649	0,90461	5,90235	21,7455	0,82591	1,67298	6,6349	0,19612	0	0	1
23.08.2018	27,0168	36,1943	0,13643	9,91076	29,2649	0,90874	6,2469	21,7455	0,79287	1,76256	6,6349	0,18477	0	0	1
24.08.2018	27,161	36,1943	0,1316	9,50705	29,2649	0,92852	6,04554	21,7455	0,81205	1,50628	6,6349	0,25175	0	0	1
25.08.2018	27,8586	36,1943	0,11082	9,56015	29,2649	0,92609	6,25669	21,7455	0,79196	1,48558	6,6349	0,25962	0	0	1
26.08.2018	28,0492	36,1943	0,10542	9,60838	29,2649	0,92383	5,92265	21,7455	0,82399	1,6826	6,6349	0,1949	0	0	1
27.08.2018	28,3649	36,1943	0,09687	9,65808	29,2649	0,92145	6,01142	21,7455	0,81537	2,45414	6,6349	0,11785	0	0	1
28.08.2018	28,5264	36,1943	0,09291	9,71995	29,2649	0,91844	6,99166	21,7455	0,72404	2,43362	6,6349	0,11931	0	0	1
29.08.2018	28,6509	36,1943	0,08992	9,83868	29,2649	0,91247	6,27066	21,7455	0,79067	2,43313	6,6349	0,11934	0	0	1
30.08.2018	29,0406	36,1943	0,08118	9,96823	29,2649	0,9057	6,07992	21,7455	0,80872	2,10911	6,6349	0,14673	0	0	1
31.08.2018	29,4168	36,1943	0,07346	9,90001	29,2649	0,90931	5,73425	21,7455	0,84141	2,05371	6,6349	0,152	0	0	1
1.09.2018	29,5727	36,1943	0,07044	9,94228	29,2649	0,90707	5,7378	21,7455	0,84108	2,30469	6,6349	0,12934	0	0	1
2.09.2018	29,6335	36,1943	0,0693	10,0346	29,2649	0,90209	6,11378	21,7455	0,80543	2,38937	6,6349	0,12245	0	0	1
3.09.2018	29,7423	36,1943	0,0673	10,1176	29,2649	0,89736	6,11222	21,7455	0,80558	2,42501	6,6349	0,11992	0	0	1
4.09.2018	29,5067	36,1943	0,07172	10,1524	29,2649	0,8953	6,07376	21,7455	0,80931	2,38995	6,6349	0,12241	0	0	1
5.09.2018	29,5029	36,1943	0,07179	10,4551	29,2649	0,87742	5,95098	21,7455	0,82123	2,1022	6,6349	0,14734	0	0	1
6.09.2018	29,1782	36,1943	0,07828	10,4997	29,2649	0,87476	5,61997	21,7455	0,85182	2,05202	6,6349	0,15218	0	0	1
7.09.2018	28,6637	36,1943	0,08963	10,5578	29,2649	0,87095	5,59762	21,7455	0,85375	1,87643	6,6349	0,17104	0	0	1
8.09.2018	27,9132	36,1943	0,10927	10,5512	29,2649	0,87138	5,6505	21,7455	0,84913	1,85122	6,6349	0,17375	0	0	1
9.09.2018	27,7442	36,1943	0,11406	10,6176	29,2649	0,86702	5,6423	21,7455	0,84989	1,79867	6,6349	0,18019	0	0	1
10.09.2018	27,3671	36,1943	0,12474	10,658	29,2649	0,86437	5,48027	21,7455	0,86386	1,91124	6,6349	0,1673	0	0	1
11.09.2018	26,832	36,1943	0,14262	10,7194	29,2649	0,86033	5,38721	21,7455	0,87188	1,7764	6,6349	0,18301	0	0	1
12.09.2018	26,333	36,1943	0,16068	10,7648	29,2649	0,85735	5,48279	21,7455	0,86364	1,71011	6,6349	0,19142	0	0	1
13.09.2018	26,8785	36,1943	0,14107	10,914	29,2649	0,84735	5,65079	21,7455	0,84911	1,974	6,6349	0,16056	0	0	1

14.09.2018	26,8723	36,1943	0,14127	11,0411	29,2649	0,83829	5,416	21,7455	0,8694	2,12153	6,6349	0,14562	0	0	1
15.09.2018	27,1389	36,1943	0,13234	11,1054	29,2649	0,83371	5,78321	21,7455	0,8369	2,24304	6,6349	0,13482	0	0	1
16.09.2018	27,1173	36,1943	0,13306	11,1836	29,2649	0,82813	5,78925	21,7455	0,83634	2,16819	6,6349	0,14148	0	0	1
17.09.2018	26,718	36,1943	0,14644	11,2873	29,2649	0,82048	5,67575	21,7455	0,8468	1,88768	6,6349	0,16983	0	0	1
18.09.2018	26,8141	36,1943	0,14322	11,333	29,2649	0,81702	5,70711	21,7455	0,84391	1,96686	6,6349	0,16133	0	0	1
19.09.2018	26,5802	36,1943	0,15121	11,3916	29,2649	0,81258	5,88266	21,7455	0,82772	2,05067	6,6349	0,15232	0	0	1
20.09.2018	26,4447	36,1943	0,1564	11,4376	29,2649	0,8091	5,79698	21,7455	0,83562	2,21574	6,6349	0,13725	0	0	1
21.09.2018	26,925	36,1943	0,13951	11,4383	29,2649	0,80904	6,07075	21,7455	0,80961	2,34517	6,6349	0,12574	0	0	1
22.09.2018	27,28	36,1943	0,12762	11,5397	29,2649	0,80137	6,12504	21,7455	0,80434	2,35731	6,6349	0,12473	0	0	1
23.09.2018	27,2405	36,1943	0,12894	11,6119	29,2649	0,79578	6,18228	21,7455	0,79884	2,3508	6,6349	0,12524	0	0	1
24.09.2018	27,1116	36,1943	0,13326	11,8132	29,2649	0,78009	6,26683	21,7455	0,79102	2,36784	6,6349	0,12398	0	0	1
25.09.2018	26,5214	36,1943	0,15346	11,9718	29,2649	0,76772	6,21964	21,7455	0,79538	2,29537	6,6349	0,13017	0	0	1
26.09.2018	26,4915	36,1943	0,15461	12,0319	29,2649	0,76303	6,35301	21,7455	0,78306	2,3186	6,6349	0,1281	0	0	1
27.09.2018	25,8639	36,1943	0,17911	12,0864	29,2649	0,75878	6,60084	21,7455	0,76016	2,39158	6,6349	0,1223	0	0	1
28.09.2018	25,9373	36,1943	0,17595	12,1434	29,2649	0,75433	6,55426	21,7455	0,76446	2,42477	6,6349	0,11994	0	0	1
29.09.2018	26,0249	36,1943	0,17249	12,1871	29,2649	0,75093	6,68722	21,7455	0,75218	2,38254	6,6349	0,12294	0	0	1
30.09.2018	26,6793	36,1943	0,14774	12,2508	29,2649	0,74596	6,8471	21,7455	0,7374	2,44733	6,6349	0,11834	0	0	1
1.10.2018	26,5532	36,1943	0,15225	12,3433	29,2649	0,73874	6,80889	21,7455	0,74093	2,41825	6,6349	0,1204	0	0	1
2.10.2018	26,4993	36,1943	0,15431	12,3006	29,2649	0,74208	6,65965	21,7455	0,75472	2,64172	6,6349	0,10453	0	0	1
3.10.2018	27,4675	36,1943	0,1219	12,1495	29,2649	0,75386	6,85732	21,7455	0,73646	2,46295	6,6349	0,11723	0	0	1
4.10.2018	27,6018	36,1943	0,11809	12,3438	29,2649	0,73871	6,92649	21,7455	0,73007	2,48239	6,6349	0,11585	0	0	1
5.10.2018	26,5447	36,1943	0,15257	11,9457	29,2649	0,76975	6,93296	21,7455	0,72947	2,52345	6,6349	0,11293	0	0	1
6.10.2018	26,3084	36,1943	0,16163	12,0259	29,2649	0,76349	7,03875	21,7455	0,71969	2,3927	6,6349	0,12222	0	0	1
7.10.2018	27,0355	36,1943	0,13581	12,1232	29,2649	0,75591	6,9459	21,7455	0,72827	2,5437	6,6349	0,11149	0	0	1
8.10.2018	26,9578	36,1943	0,13841	12,1592	29,2649	0,7531	6,94577	21,7455	0,72828	2,58784	6,6349	0,10836	0	0	1
9.10.2018	26,3273	36,1943	0,1609	12,1343	29,2649	0,75504	7,01502	21,7455	0,72188	2,52536	6,6349	0,11279	0	0	1
10.10.2018	26,6237	36,1943	0,1496	12,3099	29,2649	0,74135	7,09937	21,7455	0,71409	2,50531	6,6349	0,11422	0	0	1
11.10.2018	27,1971	36,1943	0,13039	12,7434	29,2649	0,70755	7,02692	21,7455	0,72079	2,06079	6,6349	0,15124	0	0	1
12.10.2018	27,0982	36,1943	0,13371	12,6726	29,2649	0,71307	7,07924	21,7455	0,71595	2,15826	6,6349	0,14236	0	0	1
13.10.2018	27,1863	36,1943	0,13076	12,7388	29,2649	0,70791	7,12579	21,7455	0,71165	2,20238	6,6349	0,13844	0	0	1
14.10.2018	27,1524	36,1943	0,13189	12,7997	29,2649	0,70316	7,17522	21,7455	0,70708	2,19951	6,6349	0,13869	0	0	1
15.10.2018	27,3928	36,1943	0,12402	12,7874	29,2649	0,70411	7,32048	21,7455	0,69366	2,55244	6,6349	0,11087	0	0	1
16.10.2018	27,5099	36,1943	0,1207	12,895	29,2649	0,69572	7,41025	21,7455	0,68536	2,47761	6,6349	0,11619	0	0	1
17.10.2018	27,7903	36,1943	0,11275	13,0325	29,2649	0,685	7,44058	21,7455	0,68256	2,54388	6,6349	0,11148	0	0	1
18.10.2018	27,8768	36,1943	0,1103	13,0953	29,2649	0,6801	7,41482	21,7455	0,68494	2,48359	6,6349	0,11576	0	0	1
19.10.2018	28,0029	36,1943	0,10673	13,1249	29,2649	0,67779	7,45664	21,7455	0,68108	2,52232	6,6349	0,11301	0	0	1
20.10.2018	28,1621	36,1943	0,10222	13,205	29,2649	0,67155	7,55484	21,7455	0,672	2,55106	6,6349	0,11097	0	0	1
21.10.2018	28,3154	36,1943	0,09812	13,3169	29,2649	0,66282	7,56819	21,7455	0,67077	2,6105	6,6349	0,10675	0	0	1
22.10.2018	28,4626	36,1943	0,09444	13,3559	29,2649	0,65978	7,5985	21,7455	0,66797	2,64333	6,6349	0,10442	0	0	1
23.10.2018	28,6026	36,1943	0,09108	13,4142	29,2649	0,65523	7,63226	21,7455	0,66485	2,7108	6,6349	0,09968	0	0	1

24.10.2018	28,7841	36,1943	0,08687	13,4114	29,2649	0,65545	7,70548	21,7455	0,65808	2,63119	6,6349	0,10528	0	0	1
25.10.2018	28,8921	36,1943	0,08442	13,5134	29,2649	0,6475	7,76152	21,7455	0,6529	2,64478	6,6349	0,10431	0	0	1
26.10.2018	29,0272	36,1943	0,08148	13,5848	29,2649	0,64193	7,81203	21,7455	0,64823	2,70668	6,6349	0,09993	0	0	1
27.10.2018	29,1097	36,1943	0,07969	13,6732	29,2649	0,63503	7,87922	21,7455	0,64203	2,72588	6,6349	0,09876	0	0	1
28.10.2018	29,1765	36,1943	0,07832	13,7449	29,2649	0,62944	7,91779	21,7455	0,63846	2,75784	6,6349	0,09681	0	0	1
29.10.2018	29,1343	36,1943	0,07919	13,8666	29,2649	0,61995	7,90055	21,7455	0,64005	2,74408	6,6349	0,09765	0	0	1
30.10.2018	29,0277	36,1943	0,08146	13,9365	29,2649	0,61451	7,96754	21,7455	0,63386	2,75548	6,6349	0,09695	0	0	1
31.10.2018	28,8944	36,1943	0,08437	14,0041	29,2649	0,60923	8,00532	21,7455	0,63037	2,84576	6,6349	0,09165	0	0	1
1.11.2018	28,7856	36,1943	0,08684	14,067	29,2649	0,60433	8,04849	21,7455	0,62638	2,95183	6,6349	0,0858	0	0	1
2.11.2018	28,8923	36,1943	0,08442	14,1438	29,2649	0,59834	8,11066	21,7455	0,62064	3,03835	6,6349	0,08135	0	0	1
3.11.2018	28,6907	36,1943	0,08901	14,2134	29,2649	0,59291	8,15893	21,7455	0,61618	3,0116	6,6349	0,08271	0	0	1
4.11.2018	28,7029	36,1943	0,08873	14,2115	29,2649	0,59306	8,19634	21,7455	0,61272	3,09482	6,6349	0,07858	0	0	1
5.11.2018	28,8569	36,1943	0,0852	14,2648	29,2649	0,5889	8,24413	21,7455	0,6083	3,07384	6,6349	0,07957	0	0	1
6.11.2018	28,9165	36,1943	0,08389	14,3044	29,2649	0,58582	8,29547	21,7455	0,60356	3,12971	6,6349	0,07692	0	0	1
7.11.2018	29,2402	36,1943	0,07701	14,2913	29,2649	0,58683	8,3233	21,7455	0,60099	3,12376	6,6349	0,0772	0	0	1
8.11.2018	29,8757	36,1943	0,06487	14,1954	29,2649	0,59431	8,39335	21,7455	0,59452	2,93579	6,6349	0,08667	0	0	1
9.11.2018	29,8554	36,1943	0,06523	14,2819	29,2649	0,58757	8,4827	21,7455	0,58626	2,78703	6,6349	0,09503	0	0	1
10.11.2018	29,612	36,1943	0,06969	14,2733	29,2649	0,58824	8,52292	21,7455	0,58254	2,77287	6,6349	0,09589	0	0	1
11.11.2018	29,6003	36,1943	0,0699	14,3284	29,2649	0,58394	8,55296	21,7455	0,57977	2,72997	6,6349	0,09851	0	0	1
12.11.2018	30,066	36,1943	0,06161	14,4901	29,2649	0,57134	8,58617	21,7455	0,5767	2,78134	6,6349	0,09538	0	0	1
13.11.2018	29,8648	36,1943	0,06506	14,5654	29,2649	0,56546	8,63689	21,7455	0,57201	2,72527	6,6349	0,09879	0	0	1
14.11.2018	30,4237	36,1943	0,0558	14,8386	29,2649	0,54415	8,64676	21,7455	0,5711	2,4839	6,6349	0,11574	0	0	1
15.11.2018	30,5862	36,1943	0,05336	14,9027	29,2649	0,53916	8,66993	21,7455	0,56896	2,38109	6,6349	0,12304	0	0	1
16.11.2018	30,648	36,1943	0,05245	14,8779	29,2649	0,54109	8,73924	21,7455	0,56255	2,32709	6,6349	0,12735	0	0	1
17.11.2018	30,8571	36,1943	0,04943	14,8877	29,2649	0,54033	8,75893	21,7455	0,56073	2,26402	6,6349	0,13295	1	0	1
18.11.2018	31,0004	36,1943	0,04751	15,0559	29,2649	0,52721	8,79507	21,7455	0,55739	2,3908	6,6349	0,12235	1	0	1
19.11.2018	31,1718	36,1943	0,04521	14,497	29,2649	0,57079	8,78963	21,7455	0,5579	1,88976	6,6349	0,16961	1	0	1
20.11.2018	31,149	36,1943	0,04552	14,0761	29,2649	0,60362	8,71953	21,7455	0,56437	1,56223	6,6349	0,23048	1	0	1
21.11.2018	31,2515	36,1943	0,04423	14,5465	29,2649	0,56693	8,77089	21,7455	0,55963	1,76236	6,6349	0,18479	1	0	1
22.11.2018	31,6047	36,1943	0,03995	14,2435	29,2649	0,59057	8,81529	21,7455	0,55552	1,58236	6,6349	0,22283	1	0	1
23.11.2018	31,8467	36,1943	0,03734	14,0816	29,2649	0,60319	8,86068	21,7455	0,55133	1,49901	6,6349	0,25451	1	0	1
24.11.2018	31,8941	36,1943	0,03682	13,5016	29,2649	0,64842	8,83215	21,7455	0,55397	1,34655	6,6349	0,31248	1	0	1
25.11.2018	32,0208	36,1943	0,03545	13,4302	29,2649	0,65398	8,91614	21,7455	0,54621	1,40069	6,6349	0,29189	1	0	1
26.11.2018	31,926	36,1943	0,03648	12,9303	29,2649	0,69297	8,83778	21,7455	0,55345	1,40057	6,6349	0,29194	1	0	1
27.11.2018	31,9152	36,1943	0,03659	12,8718	29,2649	0,69753	8,87028	21,7455	0,55044	1,4518	6,6349	0,27246	1	0	1
28.11.2018	31,7568	36,1943	0,03831	13,2867	29,2649	0,66518	8,99361	21,7455	0,53905	1,56892	6,6349	0,22794	1	0	1
29.11.2018	32,497	36,1943	0,03089	13,519	29,2649	0,64706	9,09113	21,7455	0,53003	1,64386	6,6349	0,19982	1	0	1
30.11.2018	32,348	36,1943	0,0323	13,355	29,2649	0,65985	9,0613	21,7455	0,53279	1,47783	6,6349	0,26256	1	0	1
1.12.2018	32,4452	36,1943	0,03138	13,3588	29,2649	0,65956	9,14204	21,7455	0,52533	1,66077	6,6349	0,19767	1	0	1
2.12.2018	32,4562	36,1943	0,03127	13,3153	29,2649	0,66295	9,15664	21,7455	0,52398	1,67962	6,6349	0,19528	1	0	1

3.12.2018	32,5094	36,1943	0,03077	13,216	29,2649	0,67069	9,1663	21,7455	0,52309	1,69471	6,6349	0,19337	1	0	1
4.12.2018	32,5585	36,1943	0,0303	13,6235	29,2649	0,63891	9,12736	21,7455	0,52669	2,0988	6,6349	0,14764	1	0	1
5.12.2018	32,3487	36,1943	0,03229	13,671	29,2649	0,63521	9,0789	21,7455	0,53116	2,31255	6,6349	0,12864	1	0	1
6.12.2018	32,4478	36,1943	0,03135	13,1395	29,2649	0,67665	9,20346	21,7455	0,51965	1,94335	6,6349	0,16385	1	0	1
7.12.2018	32,5268	36,1943	0,0306	12,9166	29,2649	0,69404	9,24723	21,7455	0,51561	1,75798	6,6349	0,18535	1	0	1
8.12.2018	32,4831	36,1943	0,03102	13,0562	29,2649	0,68315	9,2413	21,7455	0,51616	1,85896	6,6349	0,17292	1	0	1
9.12.2018	32,5545	36,1943	0,03034	13,1491	29,2649	0,67591	9,31375	21,7455	0,50946	1,94569	6,6349	0,1636	1	0	1
10.12.2018	32,8321	36,1943	0,02804	13,0199	29,2649	0,68598	9,34149	21,7455	0,5069	1,97247	6,6349	0,16072	1	0	1
11.12.2018	33,0365	36,1943	0,02638	13,2019	29,2649	0,67179	9,34431	21,7455	0,50664	2,07161	6,6349	0,15007	1	0	1
12.12.2018	33,2112	36,1943	0,02497	13,2773	29,2649	0,66591	9,42346	21,7455	0,49932	2,16528	6,6349	0,14173	1	0	1
13.12.2018	33,2841	36,1943	0,02448	13,0448	29,2649	0,68404	9,48434	21,7455	0,4937	2,06026	6,6349	0,15129	1	0	1
14.12.2018	33,4649	36,1943	0,02327	13,0195	29,2649	0,68601	9,51864	21,7455	0,49053	2,08614	6,6349	0,14877	1	0	1
15.12.2018	33,603	36,1943	0,02234	13,039	29,2649	0,6845	9,56922	21,7455	0,48586	2,09237	6,6349	0,14822	1	0	1
16.12.2018	33,7452	36,1943	0,02138	13,0046	29,2649	0,68718	9,6277	21,7455	0,48045	2,2357	6,6349	0,13547	1	0	1
17.12.2018	33,8773	36,1943	0,0205	13,2037	29,2649	0,67165	9,71167	21,7455	0,47269	2,46479	6,6349	0,1171	1	0	1
18.12.2018	33,8825	36,1943	0,02046	13,377	29,2649	0,65813	9,77079	21,7455	0,46723	2,73414	6,6349	0,09825	1	0	1
19.12.2018	33,8414	36,1943	0,02074	13,3646	29,2649	0,6591	9,83073	21,7455	0,46169	2,72747	6,6349	0,09866	1	0	1
20.12.2018	33,0038	36,1943	0,02665	13,3919	29,2649	0,65697	9,89761	21,7455	0,45551	2,96948	6,6349	0,08485	1	0	1
21.12.2018	32,7208	36,1943	0,02894	13,3943	29,2649	0,65678	9,92299	21,7455	0,45316	2,9169	6,6349	0,0877	1	0	1
22.12.2018	32,1343	36,1943	0,03432	13,468	29,2649	0,65104	9,95719	21,7455	0,45	3,06757	6,6349	0,07987	1	0	1
23.12.2018	32,3091	36,1943	0,03267	13,5062	29,2649	0,64806	9,98513	21,7455	0,44742	3,16829	6,6349	0,07509	1	0	1
24.12.2018	29,7452	36,1943	0,06725	13,4873	29,2649	0,64954	9,98451	21,7455	0,44748	3,15949	6,6349	0,0755	0	0	1
25.12.2018	29,1558	36,1943	0,07874	13,6052	29,2649	0,64034	10,0242	21,7455	0,44381	2,87725	6,6349	0,08985	0	0	1
26.12.2018	25,1965	36,1943	0,21265	13,5804	29,2649	0,64227	10,0097	21,7455	0,44515	3,00424	6,6349	0,08309	0	0	1
27.12.2018	24,5418	36,1943	0,25821	13,6654	29,2649	0,63565	10,0581	21,7455	0,44068	2,93037	6,6349	0,08697	0	0	1
28.12.2018	20,2922	36,1943	0,55396	13,6219	29,2649	0,63904	10,0037	21,7455	0,4457	3,33327	6,6349	0,06794	0	0	1
29.12.2018	18,677	36,1943	0,66637	13,6282	29,2649	0,63854	10,0418	21,7455	0,44218	3,24226	6,6349	0,0718	0	0	1
30.12.2018	17,4602	36,1943	0,75105	13,6163	29,2649	0,63947	9,97664	21,7455	0,44821	3,34299	6,6349	0,06754	0	0	1
31.12.2018	19,219	36,1943	0,62865	13,9052	29,2649	0,61695	10,1824	21,7455	0,42919	3,59476	6,6349	0,05802	0	0	1
1.01.2019	17,9174	36,1943	0,71923	13,9262	29,2649	0,61531	10,0922	21,7455	0,43753	3,56185	6,6349	0,05916	0	0	1
2.01.2019	16,1104	36,1943	0,8412	13,3505	29,2649	0,6602	9,80014	21,7455	0,46452	3,47381	6,6349	0,0624	0	0	1
3.01.2019	16,471	36,1943	0,81871	13,7477	29,2649	0,62923	10,0365	21,7455	0,44268	3,40829	6,6349	0,06488	0	0	1
4.01.2019	15,4526	36,1943	0,87839	13,0571	29,2649	0,68308	9,81668	21,7455	0,46299	3,53724	6,6349	0,06001	0	0	1
5.01.2019	15,4183	36,1943	0,88012	13,2239	29,2649	0,67007	9,90922	21,7455	0,45444	3,55776	6,6349	0,0593	0	0	1
6.01.2019	15,2909	36,1943	0,88651	12,2085	29,2649	0,74926	9,44078	21,7455	0,49772	3,70637	6,6349	0,05424	0	0	1
7.01.2019	15,0622	36,1943	0,898	12,3375	29,2649	0,7392	9,50608	21,7455	0,49169	3,76754	6,6349	0,05232	0	0	1
8.01.2019	15,4439	36,1943	0,87883	12,0722	29,2649	0,75989	9,78702	21,7455	0,46573	3,90289	6,6349	0,04827	0	0	1
9.01.2019	15,2869	36,1943	0,88672	12,0625	29,2649	0,76064	9,49881	21,7455	0,49236	3,94087	6,6349	0,04719	0	0	1
10.01.2019	15,1471	36,1943	0,89374	13,724	29,2649	0,63108	10,3402	21,7455	0,41461	3,86296	6,6349	0,04939	0	0	1
11.01.2019	15,5738	36,1943	0,87199	14,0904	29,2649	0,6025	10,5032	21,7455	0,39954	3,90362	6,6349	0,04825	0	0	1

12.01.2019	15,8434	36,1943	0,85689	14,1587	29,2649	0,59718	10,5312	21,7455	0,39696	3,87994	6,6349	0,04891	0	0	1
13.01.2019	15,9717	36,1943	0,84968	14,5109	29,2649	0,56971	10,5633	21,7455	0,394	3,81201	6,6349	0,05093	0	0	1
14.01.2019	16,0735	36,1943	0,84345	14,2616	29,2649	0,58915	10,6048	21,7455	0,39016	3,96747	6,6349	0,04644	0	0	1
15.01.2019	16,1371	36,1943	0,83956	14,464	29,2649	0,57337	10,633	21,7455	0,38755	3,97318	6,6349	0,04628	0	0	1
16.01.2019	16,2687	36,1943	0,8315	14,4098	29,2649	0,5776	10,7065	21,7455	0,38076	4,0684	6,6349	0,04375	0	0	1
17.01.2019	16,3204	36,1943	0,82834	14,3919	29,2649	0,57899	10,7397	21,7455	0,37769	4,16838	6,6349	0,04124	0	0	1
18.01.2019	16,3557	36,1943	0,82618	14,4629	29,2649	0,57346	10,776	21,7455	0,37434	4,24177	6,6349	0,03947	0	0	1
19.01.2019	16,5098	36,1943	0,81617	14,6161	29,2649	0,56151	10,844	21,7455	0,36806	4,26393	6,6349	0,03899	0	0	1
20.01.2019	16,3747	36,1943	0,82502	14,2887	29,2649	0,58704	10,7342	21,7455	0,3782	4,27468	6,6349	0,03875	0	0	1
21.01.2019	16,4327	36,1943	0,82122	14,3378	29,2649	0,58321	10,7863	21,7455	0,37339	4,30497	6,6349	0,03808	0	0	1
22.01.2019	16,524	36,1943	0,81524	14,3975	29,2649	0,57856	10,836	21,7455	0,36879	4,31914	6,6349	0,03777	0	0	1
23.01.2019	16,4525	36,1943	0,81992	14,1669	29,2649	0,59654	10,7549	21,7455	0,37629	4,35248	6,6349	0,03704	0	0	1
24.01.2019	16,4856	36,1943	0,81776	14,0924	29,2649	0,60235	10,8122	21,7455	0,37099	4,36137	6,6349	0,03684	0	0	1
25.01.2019	16,6549	36,1943	0,80667	14,1417	29,2649	0,5985	10,8922	21,7455	0,3636	4,4014	6,6349	0,03596	0	0	1
26.01.2019	16,7684	36,1943	0,79919	14,187	29,2649	0,59497	10,9432	21,7455	0,35889	4,44273	6,6349	0,03505	0	0	1
27.01.2019	16,8514	36,1943	0,79342	14,2319	29,2649	0,59147	10,9977	21,7455	0,35385	4,4605	6,6349	0,03471	0	0	1
28.01.2019	16,8718	36,1943	0,792	14,6623	29,2649	0,55791	10,9461	21,7455	0,35862	4,42603	6,6349	0,03542	0	0	1
29.01.2019	16,9442	36,1943	0,78696	15,1046	29,2649	0,52341	11,0927	21,7455	0,34508	4,43937	6,6349	0,03513	0	0	1
30.01.2019	16,9388	36,1943	0,78733	14,8977	29,2649	0,53955	11,0078	21,7455	0,35292	4,45249	6,6349	0,03486	0	0	1
31.01.2019	16,9984	36,1943	0,78319	14,8838	29,2649	0,54063	11,0664	21,7455	0,3475	4,4869	6,6349	0,03421	0	0	1
1.02.2019	17,0768	36,1943	0,77773	14,9592	29,2649	0,53476	11,0963	21,7455	0,34474	4,55214	6,6349	0,03298	0	0	1
2.02.2019	17,1448	36,1943	0,773	14,9059	29,2649	0,53891	11,1352	21,7455	0,34115	4,58777	6,6349	0,0323	0	0	1
3.02.2019	17,1991	36,1943	0,76922	14,8934	29,2649	0,53989	11,1424	21,7455	0,34048	4,59194	6,6349	0,03222	0	0	1
4.02.2019	17,2408	36,1943	0,76631	14,7494	29,2649	0,55111	11,1776	21,7455	0,33723	4,62129	6,6349	0,03167	0	0	1
5.02.2019	17,258	36,1943	0,76512	14,4477	29,2649	0,57464	11,282	21,7455	0,32758	4,61507	6,6349	0,03178	0	0	1
6.02.2019	17,247	36,1943	0,76589	14,4036	29,2649	0,57808	11,3418	21,7455	0,32205	4,592	6,6349	0,03222	0	0	1
7.02.2019	17,1749	36,1943	0,7709	14,8993	29,2649	0,53942	11,3869	21,7455	0,31788	4,64874	6,6349	0,03115	0	0	1
8.02.2019	17,3597	36,1943	0,75805	13,6654	29,2649	0,63564	11,2816	21,7455	0,32762	4,48872	6,6349	0,03418	0	0	1
9.02.2019	17,3034	36,1943	0,76196	13,3354	29,2649	0,66138	11,2761	21,7455	0,32812	4,47566	6,6349	0,03442	0	0	1
10.02.2019	17,3518	36,1943	0,75859	12,9647	29,2649	0,69029	11,195	21,7455	0,33562	4,32138	6,6349	0,03772	0	0	1
11.02.2019	17,3447	36,1943	0,75908	12,6475	29,2649	0,71502	11,2907	21,7455	0,32678	4,16139	6,6349	0,04142	0	0	1
12.02.2019	17,4018	36,1943	0,75511	12,9421	29,2649	0,69205	11,229	21,7455	0,33248	4,25498	6,6349	0,03918	0	0	1
13.02.2019	17,582	36,1943	0,74257	13,0036	29,2649	0,68725	10,7905	21,7455	0,37299	4,48218	6,6349	0,0343	0	0	1
14.02.2019	17,673	36,1943	0,73624	12,8676	29,2649	0,69786	10,5124	21,7455	0,39869	4,51778	6,6349	0,03363	0	0	1
15.02.2019	17,7056	36,1943	0,73397	12,6941	29,2649	0,71139	10,4768	21,7455	0,40199	4,28868	6,6349	0,03844	0	0	1
16.02.2019	17,7686	36,1943	0,72958	12,8791	29,2649	0,69696	10,3106	21,7455	0,41735	4,36347	6,6349	0,0368	0	0	1
17.02.2019	17,816	36,1943	0,72629	13,1767	29,2649	0,67375	10,0407	21,7455	0,44228	4,32751	6,6349	0,03759	0	0	1
18.02.2019	17,9024	36,1943	0,72028	12,8936	29,2649	0,69583	9,39539	21,7455	0,50192	4,10128	6,6349	0,04293	0	0	1
19.02.2019	17,9092	36,1943	0,7198	12,5858	29,2649	0,71984	9,95396	21,7455	0,4503	3,57814	6,6349	0,05859	0	0	1
20.02.2019	17,9512	36,1943	0,71687	12,4947	29,2649	0,72694	10,14	21,7455	0,43311	3,39173	6,6349	0,06554	0	0	1

21.02.2019	18,4231	36,1943	0,68403	12,5754	29,2649	0,72064	7,49246	21,7455	0,67777	3,57692	6,6349	0,05863	0	0	1
22.02.2019	18,6322	36,1943	0,66949	12,4869	29,2649	0,72754	6,48271	21,7455	0,77107	2,837	6,6349	0,09215	0	0	1
23.02.2019	18,6434	36,1943	0,6687	12,6335	29,2649	0,71612	6,02994	21,7455	0,81357	2,5391	6,6349	0,11182	0	0	1
24.02.2019	18,8473	36,1943	0,65452	12,891	29,2649	0,69604	6,70716	21,7455	0,75033	3,76933	6,6349	0,05226	0	0	1
25.02.2019	18,8376	36,1943	0,65519	12,9873	29,2649	0,68852	6,47478	21,7455	0,77181	4,05913	6,6349	0,04398	0	0	1
26.02.2019	18,8854	36,1943	0,65186	13,0775	29,2649	0,68149	6,29937	21,7455	0,78802	4,30255	6,6349	0,03814	0	0	1
27.02.2019	19,0816	36,1943	0,63821	12,9543	29,2649	0,6911	6,77883	21,7455	0,74371	4,09994	6,6349	0,04296	0	0	1
28.02.2019	19,1794	36,1943	0,63141	12,8383	29,2649	0,70015	6,94047	21,7455	0,72877	3,80227	6,6349	0,05123	0	0	1
1.03.2019	19,0843	36,1943	0,63802	12,6203	29,2649	0,71715	7,43878	21,7455	0,68273	3,07329	6,6349	0,0796	0	0	1
2.03.2019	19,0049	36,1943	0,64355	12,5459	29,2649	0,72294	7,41792	21,7455	0,68465	2,73578	6,6349	0,09815	0	0	1
3.03.2019	18,939	36,1943	0,64813	12,7307	29,2649	0,70853	7,29116	21,7455	0,69637	3,13938	6,6349	0,07646	0	0	1
4.03.2019	18,5549	36,1943	0,67486	12,6664	29,2649	0,71355	7,63408	21,7455	0,66468	3,31281	6,6349	0,06878	0	0	1
5.03.2019	18,2825	36,1943	0,69382	12,1956	29,2649	0,75027	8,47049	21,7455	0,58739	1,40239	6,6349	0,29125	0	0	1
6.03.2019	17,7598	36,1943	0,7302	12,1351	29,2649	0,75498	9,01683	21,7455	0,5369	0,9981	6,6349	0,44495	0	0	1
7.03.2019	17,4319	36,1943	0,75302	12,2363	29,2649	0,74709	8,95005	21,7455	0,54307	0,69899	6,6349	0,55867	0	0	1
8.03.2019	17,3142	36,1943	0,76121	12,4018	29,2649	0,73418	7,79983	21,7455	0,64936	1,5403	6,6349	0,23881	0	0	1
9.03.2019	17,3646	36,1943	0,7577	12,2931	29,2649	0,74266	7,26774	21,7455	0,69853	1,05463	6,6349	0,42346	0	0	1
10.03.2019	17,2056	36,1943	0,76876	12,2254	29,2649	0,74794	6,58562	21,7455	0,76157	0,98952	6,6349	0,44821	0	0	1
11.03.2019	17,1155	36,1943	0,77503	12,5507	29,2649	0,72258	7,37601	21,7455	0,68853	1,10373	6,6349	0,40479	0	0	1
12.03.2019	17,3283	36,1943	0,76023	12,3378	29,2649	0,73917	7,22687	21,7455	0,70231	0,49884	6,6349	0,63476	0	0	1
13.03.2019	16,8801	36,1943	0,79142	12,513	29,2649	0,72551	6,77538	21,7455	0,74403	0,76469	6,6349	0,53369	0	0	1
14.03.2019	17,356	36,1943	0,7583	12,8076	29,2649	0,70254	7,06802	21,7455	0,71699	0,72131	6,6349	0,55018	0	0	1
15.03.2019	17,2385	36,1943	0,76647	13,0689	29,2649	0,68216	7,02532	21,7455	0,72093	0,86664	6,6349	0,49493	0	0	1
16.03.2019	17,0711	36,1943	0,77813	12,74	29,2649	0,70781	7,76646	21,7455	0,65245	0,46486	6,6349	0,64768	0	0	1
17.03.2019	17,0553	36,1943	0,77922	12,8196	29,2649	0,7016	7,30593	21,7455	0,695	0,65019	6,6349	0,57722	0	0	1
18.03.2019	16,9647	36,1943	0,78553	13,0572	29,2649	0,68308	7,24307	21,7455	0,70081	0,81533	6,6349	0,51443	0	0	1
19.03.2019	16,9235	36,1943	0,7884	13,1897	29,2649	0,67274	7,06352	21,7455	0,7174	0,93566	6,6349	0,46869	0	0	1
20.03.2019	16,8168	36,1943	0,79582	13,6166	29,2649	0,63945	6,7776	21,7455	0,74383	1,21132	6,6349	0,36389	0	0	1
21.03.2019	16,8202	36,1943	0,79559	13,8195	29,2649	0,62363	6,3406	21,7455	0,78421	1,84936	6,6349	0,17395	0	0	1
22.03.2019	16,5636	36,1943	0,81265	13,7084	29,2649	0,63229	6,75041	21,7455	0,74634	1,4127	6,6349	0,28733	0	0	1
23.03.2019	16,8217	36,1943	0,79548	13,7025	29,2649	0,63275	6,78783	21,7455	0,74288	1,41372	6,6349	0,28694	0	0	1
24.03.2019	16,5515	36,1943	0,81344	13,7307	29,2649	0,63056	8,04495	21,7455	0,62671	0,50877	6,6349	0,63099	0	0	1
25.03.2019	16,3908	36,1943	0,82397	14,179	29,2649	0,5956	7,68111	21,7455	0,66033	0,78514	6,6349	0,52591	0	0	1
26.03.2019	16,4723	36,1943	0,81863	14,1356	29,2649	0,59898	7,32544	21,7455	0,6932	1,13564	6,6349	0,39266	0	0	1
27.03.2019	16,4225	36,1943	0,82189	13,9835	29,2649	0,61084	7,35805	21,7455	0,69019	0,96525	6,6349	0,45744	0	0	1
28.03.2019	16,4495	36,1943	0,82012	14,0894	29,2649	0,60258	7,40407	21,7455	0,68593	0,95656	6,6349	0,46074	0	0	1
29.03.2019	16,2233	36,1943	0,83428	14,535	29,2649	0,56783	7,11581	21,7455	0,71257	1,20139	6,6349	0,36766	0	0	1
30.03.2019	16,1216	36,1943	0,84051	14,6927	29,2649	0,55553	7,2402	21,7455	0,70108	1,07472	6,6349	0,41582	0	0	1
31.03.2019	16,1724	36,1943	0,8374	14,6118	29,2649	0,56185	8,03106	21,7455	0,62799	0,81977	6,6349	0,51275	0	0	1
1.04.2019	16,1111	36,1943	0,84115	14,7328	29,2649	0,55241	8,10903	21,7455	0,62079	0,75137	6,6349	0,53875	0	0	1

2.04.2019	16,2889	36,1943	0,83027	14,8226	29,2649	0,5454	8,73039	21,7455	0,56337	0,18515	6,6349	0,75402	0	0	1
3.04.2019	16,2549	36,1943	0,83235	14,5749	29,2649	0,56472	8,1185	21,7455	0,61991	0,38759	6,6349	0,67705	0	0	1
4.04.2019	16,562	36,1943	0,81276	14,6056	29,2649	0,56232	8,33007	21,7455	0,60036	0,07543	6,6349	0,79573	0	0	1
5.04.2019	16,7355	36,1943	0,80139	14,7344	29,2649	0,55228	8,09936	21,7455	0,62168	0,03443	6,6349	0,85308	0	0	1
6.04.2019	16,4733	36,1943	0,81856	14,4488	29,2649	0,57456	7,77871	21,7455	0,65131	0,05743	6,6349	0,81106	0	0	1
7.04.2019	16,326	36,1943	0,828	14,6905	29,2649	0,5557	7,4699	21,7455	0,67985	0,05629	6,6349	0,81293	0	0	1
8.04.2019	15,6438	36,1943	0,86807	14,5388	29,2649	0,56754	6,87035	21,7455	0,73525	0,17097	6,6349	0,75941	0	0	1
9.04.2019	15,4682	36,1943	0,87761	13,6604	29,2649	0,63604	7,01425	21,7455	0,72196	0,12815	6,6349	0,77569	0	0	1
10.04.2019	15,5284	36,1943	0,87453	14,1842	29,2649	0,59519	6,8126	21,7455	0,74059	0,21603	6,6349	0,74228	0	0	1
11.04.2019	16,2713	36,1943	0,83135	14,1007	29,2649	0,6017	6,79558	21,7455	0,74216	0,48502	6,6349	0,64001	0	0	1
12.04.2019	16,6634	36,1943	0,80611	13,7856	29,2649	0,62627	7,10366	21,7455	0,71369	0,285	6,6349	0,71606	0	0	1
13.04.2019	16,9899	36,1943	0,78377	14,2212	29,2649	0,5923	7,24065	21,7455	0,70104	0,2848	6,6349	0,71613	0	0	1
14.04.2019	17,1303	36,1943	0,77401	14,1014	29,2649	0,60165	7,60234	21,7455	0,66761	0,16979	6,6349	0,75986	0	0	1
15.04.2019	17,0346	36,1943	0,78067	14,0313	29,2649	0,60711	7,51988	21,7455	0,67523	0,17841	6,6349	0,75658	0	0	1
16.04.2019	16,9132	36,1943	0,78911	14,1393	29,2649	0,59869	7,52027	21,7455	0,6752	0,1128	6,6349	0,78152	0	0	1
17.04.2019	17,0406	36,1943	0,78025	14,301	29,2649	0,58608	7,50992	21,7455	0,67615	0,18141	6,6349	0,75544	0	0	1
18.04.2019	17,403	36,1943	0,75503	13,9735	29,2649	0,61162	8,66075	21,7455	0,56981	5E-06	6,6349	0,9988	0	0	1
19.04.2019	17,7306	36,1943	0,73223	13,6205	29,2649	0,63915	9,7277	21,7455	0,47121	0,12295	6,6349	0,77766	0	0	1
20.04.2019	17,7802	36,1943	0,72878	13,7494	29,2649	0,6291	9,94698	21,7455	0,45095	0,1709	6,6349	0,75944	0	0	1
21.04.2019	17,8684	36,1943	0,72264	13,6456	29,2649	0,63719	9,29544	21,7455	0,51115	0,03962	6,6349	0,84271	0	0	1
22.04.2019	17,8292	36,1943	0,72537	13,7787	29,2649	0,62681	9,00648	21,7455	0,53786	2,2E-06	6,6349	0,99891	0	0	1
23.04.2019	17,8856	36,1943	0,72144	14,3035	29,2649	0,58588	8,44137	21,7455	0,59008	0,11158	6,6349	0,78199	0	0	1
24.04.2019	17,8771	36,1943	0,72204	14,1083	29,2649	0,6011	8,75229	21,7455	0,56135	0,1218	6,6349	0,7781	0	0	1
25.04.2019	17,8478	36,1943	0,72407	14,3311	29,2649	0,58373	8,30432	21,7455	0,60274	0,44151	6,6349	0,65656	0	0	1
26.04.2019	17,8032	36,1943	0,72718	14,23	29,2649	0,59162	8,4827	21,7455	0,58626	0,35963	6,6349	0,68768	0	0	1
27.04.2019	17,9201	36,1943	0,71904	14,3876	29,2649	0,57933	8,30373	21,7455	0,6028	0,49951	6,6349	0,6345	0	0	1
28.04.2019	17,8659	36,1943	0,72281	14,286	29,2649	0,58725	8,42672	21,7455	0,59143	0,41079	6,6349	0,66823	0	0	1
29.04.2019	17,8653	36,1943	0,72285	14,4847	29,2649	0,57175	8,03047	21,7455	0,62805	0,70539	6,6349	0,55623	0	0	1
30.04.2019	17,9112	36,1943	0,71966	14,4855	29,2649	0,57169	8,17114	21,7455	0,61505	0,57955	6,6349	0,60407	0	0	1
1.05.2019	18,1214	36,1943	0,70503	14,5492	29,2649	0,56673	8,15799	21,7455	0,61626	0,65648	6,6349	0,57483	0	0	1
2.05.2019	18,0296	36,1943	0,71142	14,3962	29,2649	0,57866	8,56756	21,7455	0,57842	0,3382	6,6349	0,69583	0	0	1
3.05.2019	18,1189	36,1943	0,70521	14,446	29,2649	0,57478	8,574	21,7455	0,57782	0,31051	6,6349	0,70636	0	0	1
4.05.2019	18,1627	36,1943	0,70216	14,5161	29,2649	0,5693	8,30879	21,7455	0,60233	0,48242	6,6349	0,641	0	0	1
5.05.2019	18,0731	36,1943	0,7084	14,5488	29,2649	0,56676	8,34751	21,7455	0,59875	0,51262	6,6349	0,62952	0	0	1
6.05.2019	18,527	36,1943	0,67681	14,5536	29,2649	0,56638	8,08927	21,7455	0,62261	0,63255	6,6349	0,58393	0	0	1
7.05.2019	18,586	36,1943	0,6727	14,7403	29,2649	0,55182	7,83441	21,7455	0,64617	0,98753	6,6349	0,44897	0	0	1
8.05.2019	18,6463	36,1943	0,6685	14,7727	29,2649	0,5493	7,75547	21,7455	0,65346	1,11611	6,6349	0,40008	0	0	1
9.05.2019	18,7091	36,1943	0,66413	14,9473	29,2649	0,53568	7,33978	21,7455	0,69187	1,68207	6,6349	0,19497	0	0	1
10.05.2019	18,7773	36,1943	0,65939	14,9179	29,2649	0,53797	7,5579	21,7455	0,67172	1,48864	6,6349	0,25846	0	0	1
11.05.2019	18,8288	36,1943	0,6558	14,7335	29,2649	0,55235	7,85382	21,7455	0,64437	1,00277	6,6349	0,44317	0	0	1

12.05.2019	18,8744	36,1943	0,65263	14,8686	29,2649	0,54182	7,72456	21,7455	0,65632	1,20135	6,6349	0,36768	0	0	1
13.05.2019	19,0095	36,1943	0,64322	14,2734	29,2649	0,58823	8,13586	21,7455	0,61831	0,59284	6,6349	0,59902	0	0	1
14.05.2019	18,9994	36,1943	0,64393	14,1178	29,2649	0,60036	8,13155	21,7455	0,61871	0,49323	6,6349	0,63689	0	0	1
15.05.2019	18,2198	36,1943	0,69818	13,3027	29,2649	0,66393	8,48477	21,7455	0,58607	0,00717	6,6349	0,93241	0	0	1
16.05.2019	17,7195	36,1943	0,733	13,293	29,2649	0,66469	8,43133	21,7455	0,59101	0,00062	6,6349	0,9797	0	0	1
17.05.2019	19,12	36,1943	0,63553	13,8847	29,2649	0,61854	8,3213	21,7455	0,60117	0,15027	6,6349	0,76728	0	0	1
18.05.2019	22,8386	36,1943	0,37675	13,3215	29,2649	0,66247	8,77129	21,7455	0,55959	0,00881	6,6349	0,92537	0	0	1
19.05.2019	19,7644	36,1943	0,59069	13,292	29,2649	0,66476	8,83009	21,7455	0,55416	0,1396	6,6349	0,77134	0	0	1
20.05.2019	20,7025	36,1943	0,5254	13,2915	29,2649	0,6648	8,84094	21,7455	0,55315	0,05529	6,6349	0,81456	0	0	1
21.05.2019	25,4348	36,1943	0,19757	13,3915	29,2649	0,65701	9,05238	21,7455	0,53362	0,41311	6,6349	0,66735	0	0	1
22.05.2019	25,1669	36,1943	0,21471	13,5515	29,2649	0,64453	8,93355	21,7455	0,5446	0,10212	6,6349	0,78559	0	0	1
23.05.2019	24,9568	36,1943	0,22933	13,2281	29,2649	0,66975	8,97552	21,7455	0,54072	0,12485	6,6349	0,77694	0	0	1
24.05.2019	26,3633	36,1943	0,15952	13,3045	29,2649	0,66379	9,32659	21,7455	0,50828	0,50986	6,6349	0,63057	0	0	1
25.05.2019	27,0396	36,1943	0,13567	13,4944	29,2649	0,64898	9,43742	21,7455	0,49803	0,71366	6,6349	0,55309	0	0	1
26.05.2019	24,8823	36,1943	0,23452	13,4572	29,2649	0,65188	9,15097	21,7455	0,5245	0,4138	6,6349	0,66709	0	0	1
27.05.2019	23,6054	36,1943	0,32338	13,3204	29,2649	0,66255	9,22131	21,7455	0,51801	0,49147	6,6349	0,63756	0	0	1
28.05.2019	23,4715	36,1943	0,3327	13,384	29,2649	0,65759	9,04522	21,7455	0,53428	0,22621	6,6349	0,73841	0	0	1
29.05.2019	23,5284	36,1943	0,32874	13,3417	29,2649	0,66089	9,12712	21,7455	0,52671	0,25271	6,6349	0,72833	0	0	1
30.05.2019	23,3743	36,1943	0,33946	13,312	29,2649	0,6632	8,78094	21,7455	0,5587	0,0004	6,6349	0,98325	0	0	1
31.05.2019	22,7444	36,1943	0,38331	13,4166	29,2649	0,65505	8,95468	21,7455	0,54264	0,05754	6,6349	0,81088	0	0	1
1.06.2019	22,5411	36,1943	0,39745	13,149	29,2649	0,67592	9,01523	21,7455	0,53705	0,0811	6,6349	0,79357	0	0	1
2.06.2019	21,8833	36,1943	0,44323	13,223	29,2649	0,67014	9,02929	21,7455	0,53575	0,12179	6,6349	0,77811	0	0	1
3.06.2019	21,3714	36,1943	0,47885	13,3491	29,2649	0,66031	8,70035	21,7455	0,56615	0,02964	6,6349	0,86388	0	0	1
4.06.2019	21,08	36,1943	0,49914	13,4294	29,2649	0,65405	8,38835	21,7455	0,59498	0,35419	6,6349	0,68975	0	0	1
5.06.2019	21,999	36,1943	0,43518	13,3917	29,2649	0,65699	8,59484	21,7455	0,5759	0,14558	6,6349	0,76906	0	0	1
6.06.2019	22,1891	36,1943	0,42195	13,3195	29,2649	0,66262	8,61093	21,7455	0,57441	0,13448	6,6349	0,77328	0	0	1
7.06.2019	22,1882	36,1943	0,42201	13,6303	29,2649	0,63839	8,65236	21,7455	0,57058	0,12485	6,6349	0,77694	0	0	1
8.06.2019	22,372	36,1943	0,40922	13,5656	29,2649	0,64343	8,72452	21,7455	0,56391	0,13764	6,6349	0,77208	0	0	1
9.06.2019	22,6906	36,1943	0,38705	13,6961	29,2649	0,63325	8,5223	21,7455	0,5826	0,48707	6,6349	0,63923	0	0	1
10.06.2019	22,7523	36,1943	0,38275	13,5389	29,2649	0,64551	8,68545	21,7455	0,56752	0,21139	6,6349	0,74404	0	0	1
11.06.2019	22,5344	36,1943	0,39792	13,5209	29,2649	0,64692	8,55719	21,7455	0,57938	0,19289	6,6349	0,75108	0	0	1
12.06.2019	22,613	36,1943	0,39245	13,7016	29,2649	0,63282	8,8136	21,7455	0,55568	0,00028	6,6349	0,98577	0	0	1
13.06.2019	21,7091	36,1943	0,45535	14,0706	29,2649	0,60405	8,89529	21,7455	0,54813	0,01389	6,6349	0,90612	0	0	1
14.06.2019	22,2217	36,1943	0,41968	14,696	29,2649	0,55528	8,43007	21,7455	0,59112	0,31517	6,6349	0,70459	0	0	1
15.06.2019	20,8725	36,1943	0,51357	14,9794	29,2649	0,53318	8,33291	21,7455	0,6001	0,42005	6,6349	0,66471	0	0	1
16.06.2019	21,3421	36,1943	0,48089	15,0084	29,2649	0,53092	8,20569	21,7455	0,61186	0,54413	6,6349	0,61754	0	0	1
17.06.2019	21,4943	36,1943	0,4703	15,0916	29,2649	0,52443	8,68144	21,7455	0,56789	0,28452	6,6349	0,71624	0	0	1
18.06.2019	18,7178	36,1943	0,66353	15,0841	29,2649	0,52502	8,75311	21,7455	0,56127	0,34015	6,6349	0,69509	0	0	1
19.06.2019	17,9129	36,1943	0,71954	14,8973	29,2649	0,53958	8,84154	21,7455	0,5531	0,29176	6,6349	0,71349	0	0	1
20.06.2019	20,2254	36,1943	0,55861	15,1662	29,2649	0,51861	9,29184	21,7455	0,51149	0,06359	6,6349	0,801	0	0	1

21.06.2019	18,8097	36,1943	0,65713	15,0117	29,2649	0,53066	9,89179	21,7455	0,45605	0,0002	6,6349	0,99024	0	0	1
22.06.2019	17,7979	36,1943	0,72755	14,8845	29,2649	0,54058	9,55767	21,7455	0,48692	0,03091	6,6349	0,86102	0	0	1
23.06.2019	18,9776	36,1943	0,64545	15,1336	29,2649	0,52115	9,30143	21,7455	0,5106	0,09459	6,6349	0,78845	0	0	1
24.06.2019	18,4809	36,1943	0,68001	15,2069	29,2649	0,51543	9,22579	21,7455	0,51759	0,08121	6,6349	0,79353	0	0	1
25.06.2019	19,4193	36,1943	0,61471	15,2255	29,2649	0,51399	8,86462	21,7455	0,55097	0,27656	6,6349	0,71926	0	0	1
26.06.2019	22,6155	36,1943	0,39227	15,2168	29,2649	0,51466	8,73607	21,7455	0,56285	0,23347	6,6349	0,73565	0	0	1
27.06.2019	22,0266	36,1943	0,43326	15,1474	29,2649	0,52008	8,43575	21,7455	0,5906	0,56818	6,6349	0,6084	0	0	1
28.06.2019	22,0601	36,1943	0,43092	15,2683	29,2649	0,51065	8,43149	21,7455	0,59099	0,48938	6,6349	0,63836	0	0	1
29.06.2019	22,3319	36,1943	0,41201	15,3626	29,2649	0,5033	8,58112	21,7455	0,57716	0,33007	6,6349	0,69892	0	0	1
30.06.2019	22,3575	36,1943	0,41023	15,4374	29,2649	0,49747	8,04856	21,7455	0,62638	0,91898	6,6349	0,47503	0	0	1
1.07.2019	21,9288	36,1943	0,44006	15,5094	29,2649	0,49184	8,13246	21,7455	0,61862	0,93277	6,6349	0,46979	0	0	1
2.07.2019	22,2219	36,1943	0,41967	15,5258	29,2649	0,49056	7,81059	21,7455	0,64837	1,20145	6,6349	0,36764	0	0	1
3.07.2019	23,1989	36,1943	0,35168	15,6166	29,2649	0,48349	7,9435	21,7455	0,63609	1,0132	6,6349	0,43921	0	0	1
4.07.2019	22,3148	36,1943	0,4132	15,6776	29,2649	0,47873	8,10491	21,7455	0,62117	0,98572	6,6349	0,44966	0	0	1
5.07.2019	22,441	36,1943	0,40442	15,7194	29,2649	0,47547	8,01267	21,7455	0,62969	1,09312	6,6349	0,40883	0	0	1
6.07.2019	20,7396	36,1943	0,52282	15,7312	29,2649	0,47455	7,93929	21,7455	0,63647	1,24888	6,6349	0,34961	0	0	1
7.07.2019	23,4698	36,1943	0,33282	15,8132	29,2649	0,46816	8,08707	21,7455	0,62282	1,04628	6,6349	0,42663	0	0	1
8.07.2019	21,1709	36,1943	0,49281	15,6847	29,2649	0,47818	8,17228	21,7455	0,61494	1,07434	6,6349	0,41597	0	0	1
9.07.2019	21,2317	36,1943	0,48858	15,7113	29,2649	0,4761	7,97548	21,7455	0,63313	1,28919	6,6349	0,33428	0	0	1
10.07.2019	21,8927	36,1943	0,44258	15,541	29,2649	0,48938	7,91742	21,7455	0,6385	1,70633	6,6349	0,1919	0	0	1
11.07.2019	23,0509	36,1943	0,36197	15,7421	29,2649	0,4737	7,66615	21,7455	0,66171	2,11783	6,6349	0,14595	0	0	1
12.07.2019	21,8685	36,1943	0,44426	15,6998	29,2649	0,477	8,19419	21,7455	0,61292	1,71339	6,6349	0,191	0	0	1
13.07.2019	21,1493	36,1943	0,49431	15,6444	29,2649	0,48132	8,11102	21,7455	0,6206	1,85832	6,6349	0,17299	0	0	1
14.07.2019	22,7467	36,1943	0,38314	15,995	29,2649	0,45398	7,75357	21,7455	0,65364	2,32155	6,6349	0,12784	0	0	1
15.07.2019	23,2212	36,1943	0,35012	15,7533	29,2649	0,47283	7,59027	21,7455	0,66873	2,46905	6,6349	0,11679	0	0	1
16.07.2019	23,5477	36,1943	0,3274	15,9423	29,2649	0,45809	7,08642	21,7455	0,71529	2,87656	6,6349	0,08988	0	0	1
17.07.2019	21,9662	36,1943	0,43746	15,842	29,2649	0,46591	7,45422	21,7455	0,6813	2,73373	6,6349	0,09828	0	0	1
18.07.2019	23,3671	36,1943	0,33997	16,2671	29,2649	0,43276	7,68358	21,7455	0,6601	2,47468	6,6349	0,11639	0	0	1
19.07.2019	22,0616	36,1943	0,43082	16,0506	29,2649	0,44964	7,54385	21,7455	0,67302	2,53865	6,6349	0,11185	0	0	1
20.07.2019	22,2991	36,1943	0,41429	16,1945	29,2649	0,43842	7,90361	21,7455	0,63977	2,19658	6,6349	0,13895	0	0	1
21.07.2019	24,149	36,1943	0,28555	16,3468	29,2649	0,42654	7,877	21,7455	0,64223	2,18428	6,6349	0,14004	0	0	1
22.07.2019	22,9996	36,1943	0,36554	16,3345	29,2649	0,4275	7,92337	21,7455	0,63795	2,34253	6,6349	0,12598	0	0	1
23.07.2019	22,7897	36,1943	0,38015	16,3061	29,2649	0,42972	7,71962	21,7455	0,65677	2,61857	6,6349	0,10617	0	0	1
24.07.2019	23,1418	36,1943	0,35564	16,3119	29,2649	0,42926	7,61723	21,7455	0,66624	2,7084	6,6349	0,09982	0	0	1
25.07.2019	23,1647	36,1943	0,35405	16,2656	29,2649	0,43288	7,61591	21,7455	0,66636	2,73994	6,6349	0,0979	0	0	1
26.07.2019	23,2433	36,1943	0,34858	16,3422	29,2649	0,4269	7,53251	21,7455	0,67406	2,74639	6,6349	0,09751	0	0	1
27.07.2019	24,5527	36,1943	0,25745	16,509	29,2649	0,41389	7,37501	21,7455	0,68862	2,86253	6,6349	0,09068	0	0	1
28.07.2019	25,1451	36,1943	0,21623	16,6361	29,2649	0,40398	7,33653	21,7455	0,69217	2,82847	6,6349	0,09264	0	0	1
29.07.2019	24,879	36,1943	0,23475	15,807	29,2649	0,46864	6,96362	21,7455	0,72663	2,95686	6,6349	0,08553	0	0	1
30.07.2019	24,6775	36,1943	0,24877	15,7317	29,2649	0,47451	6,95897	21,7455	0,72706	2,99778	6,6349	0,08341	0	0	1

31.07.2019	24,5748	36,1943	0,25592	15,3724	29,2649	0,50253	7,08843	21,7455	0,7151	2,94155	6,6349	0,08636	0	0	1
1.08.2019	23,8568	36,1943	0,30588	15,4424	29,2649	0,49707	7,38752	21,7455	0,68746	2,85498	6,6349	0,09112	0	0	1
2.08.2019	24,3147	36,1943	0,27402	15,3845	29,2649	0,50159	7,12431	21,7455	0,71179	2,9548	6,6349	0,08564	0	0	1
3.08.2019	24,5123	36,1943	0,26027	15,1705	29,2649	0,51828	7,00397	21,7455	0,72291	2,99035	6,6349	0,08379	0	0	1
4.08.2019	24,7315	36,1943	0,24502	14,8613	29,2649	0,54239	6,85631	21,7455	0,73655	3,03317	6,6349	0,08161	0	0	1
5.08.2019	24,6641	36,1943	0,2497	14,8438	29,2649	0,54375	6,95544	21,7455	0,72739	3,01595	6,6349	0,08249	0	0	1
6.08.2019	24,7564	36,1943	0,24328	15,04	29,2649	0,52845	6,97854	21,7455	0,72526	3,05098	6,6349	0,08071	0	0	1
7.08.2019	24,0866	36,1943	0,2899	14,7523	29,2649	0,55089	7,60606	21,7455	0,66727	2,87503	6,6349	0,08997	0	0	1
8.08.2019	23,3485	36,1943	0,34126	14,7278	29,2649	0,5528	8,18633	21,7455	0,61365	2,68413	6,6349	0,10152	0	0	1
9.08.2019	23,9369	36,1943	0,30031	14,6353	29,2649	0,56001	7,78588	21,7455	0,65065	2,93974	6,6349	0,08646	0	0	1
10.08.2019	24,0655	36,1943	0,29136	14,9748	29,2649	0,53353	7,86886	21,7455	0,64298	2,99734	6,6349	0,08344	0	0	1
11.08.2019	23,9092	36,1943	0,30224	14,8588	29,2649	0,54258	7,81888	21,7455	0,6476	2,93231	6,6349	0,08686	0	0	1
12.08.2019	23,8652	36,1943	0,3053	14,8298	29,2649	0,54485	7,79196	21,7455	0,65009	2,95306	6,6349	0,08573	0	0	1
13.08.2019	24,1479	36,1943	0,28563	14,9106	29,2649	0,53854	7,6252	21,7455	0,6655	3,07765	6,6349	0,07939	0	0	1
14.08.2019	24,9486	36,1943	0,22991	15,1398	29,2649	0,52067	7,26502	21,7455	0,69878	3,33636	6,6349	0,06781	0	0	1
15.08.2019	24,8308	36,1943	0,2381	15,1545	29,2649	0,51953	7,48691	21,7455	0,67828	3,26585	6,6349	0,07076	0	0	1
16.08.2019	24,9257	36,1943	0,2315	15,2417	29,2649	0,51272	7,35655	21,7455	0,69033	3,29946	6,6349	0,06933	0	0	1
17.08.2019	25,033	36,1943	0,22403	15,1318	29,2649	0,5213	7,20802	21,7455	0,70405	3,32225	6,6349	0,06839	0	0	1
18.08.2019	24,9866	36,1943	0,22726	15,1253	29,2649	0,5218	7,33397	21,7455	0,69241	3,30788	6,6349	0,06898	0	0	1
19.08.2019	24,7111	36,1943	0,24644	15,0556	29,2649	0,52724	7,44952	21,7455	0,68173	3,27206	6,6349	0,07048	0	0	1
20.08.2019	24,765	36,1943	0,24268	15,1091	29,2649	0,52306	7,29731	21,7455	0,6958	3,34384	6,6349	0,06751	0	0	1
21.08.2019	25,1501	36,1943	0,21588	15,2859	29,2649	0,50928	7,072	21,7455	0,71662	3,41453	6,6349	0,06464	0	0	1
22.08.2019	25,0715	36,1943	0,22135	15,2912	29,2649	0,50886	7,04615	21,7455	0,71901	3,42353	6,6349	0,0643	0	0	1
23.08.2019	25,2077	36,1943	0,21188	15,4254	29,2649	0,4984	7,04134	21,7455	0,71945	3,42843	6,6349	0,06412	0	0	1
24.08.2019	25,4031	36,1943	0,19893	15,4195	29,2649	0,49886	6,93383	21,7455	0,72939	3,43894	6,6349	0,06372	0	0	1
25.08.2019	25,4847	36,1943	0,19542	15,5978	29,2649	0,48495	6,93035	21,7455	0,72971	3,44045	6,6349	0,06366	0	0	1
26.08.2019	25,6375	36,1943	0,18885	15,5886	29,2649	0,48567	6,90301	21,7455	0,73224	3,44974	6,6349	0,06331	0	0	1
27.08.2019	25,6929	36,1943	0,18646	15,5962	29,2649	0,48508	6,88812	21,7455	0,73361	3,42904	6,6349	0,06409	0	0	1
28.08.2019	25,676	36,1943	0,18719	15,5046	29,2649	0,49222	6,75361	21,7455	0,74604	3,14133	6,6349	0,07637	0	0	1
29.08.2019	25,9396	36,1943	0,17585	15,6749	29,2649	0,47894	6,71943	21,7455	0,7492	2,82108	6,6349	0,09307	0	0	1
30.08.2019	25,8454	36,1943	0,1799	15,7731	29,2649	0,47128	6,67303	21,7455	0,75349	2,89327	6,6349	0,08898	0	0	1
31.08.2019	26,2444	36,1943	0,16408	15,9472	29,2649	0,4577	6,71856	21,7455	0,74928	2,69819	6,6349	0,10052	0	0	1
1.09.2019	26,3182	36,1943	0,16125	15,6843	29,2649	0,4782	6,59692	21,7455	0,76052	2,7154	6,6349	0,0994	0	0	1
2.09.2019	26,132	36,1943	0,16838	15,4975	29,2649	0,49277	6,59744	21,7455	0,76047	3,04481	6,6349	0,08102	0	0	1
3.09.2019	26,3996	36,1943	0,15813	15,1292	29,2649	0,52149	6,55722	21,7455	0,76419	2,93857	6,6349	0,08652	0	0	1
4.09.2019	26,6346	36,1943	0,14924	15,2056	29,2649	0,51554	6,68004	21,7455	0,75284	2,82297	6,6349	0,09296	0	0	1
5.09.2019	26,4217	36,1943	0,15728	15,2053	29,2649	0,51556	6,72301	21,7455	0,74887	3,03941	6,6349	0,0813	0	0	1
6.09.2019	26,4959	36,1943	0,15444	15,2313	29,2649	0,51353	6,87226	21,7455	0,73508	2,89865	6,6349	0,08868	0	0	1
7.09.2019	26,4367	36,1943	0,15671	15,5386	29,2649	0,48957	6,67347	21,7455	0,75345	2,94521	6,6349	0,08616	0	0	1
8.09.2019	26,4998	36,1943	0,15429	15,4412	29,2649	0,49717	6,3871	21,7455	0,77991	2,87641	6,6349	0,08989	0	0	1

9.09.2019	26,5978	36,1943	0,15053	15,2506	29,2649	0,51203	6,45106	21,7455	0,774	2,78415	6,6349	0,0952	0	0	1
10.09.2019	26,6958	36,1943	0,14719	15,2652	29,2649	0,51089	6,56564	21,7455	0,76341	2,67467	6,6349	0,10219	0	0	1
11.09.2019	27,0697	36,1943	0,13466	14,9681	29,2649	0,53406	6,59158	21,7455	0,76101	2,3788	6,6349	0,1232	0	0	1
12.09.2019	27,1682	36,1943	0,13136	14,6788	29,2649	0,55662	6,56633	21,7455	0,76335	2,33992	6,6349	0,12621	0	0	1
13.09.2019	27,2117	36,1943	0,1299	14,6958	29,2649	0,5553	6,57352	21,7455	0,76268	2,34702	6,6349	0,12558	0	0	1
14.09.2019	27,2551	36,1943	0,12845	14,68	29,2649	0,55652	6,60065	21,7455	0,76018	2,43446	6,6349	0,11925	0	0	1
15.09.2019	27,3648	36,1943	0,12481	14,501	29,2649	0,57049	6,72494	21,7455	0,74869	2,23078	6,6349	0,13591	0	0	1
16.09.2019	27,438	36,1943	0,12274	14,8939	29,2649	0,53984	6,81284	21,7455	0,74057	2,31655	6,6349	0,12829	0	0	1
17.09.2019	27,442	36,1943	0,12262	14,8871	29,2649	0,54038	6,72343	21,7455	0,74883	2,56298	6,6349	0,11012	0	0	1
18.09.2019	27,4053	36,1943	0,12366	14,998	29,2649	0,53173	6,6651	21,7455	0,75422	2,82648	6,6349	0,09276	0	0	1
19.09.2019	27,3695	36,1943	0,12468	15,0911	29,2649	0,52447	6,71277	21,7455	0,74982	2,60234	6,6349	0,10733	0	0	1
20.09.2019	27,5359	36,1943	0,11996	15,2501	29,2649	0,51207	6,70686	21,7455	0,75036	2,60674	6,6349	0,10701	0	0	1
21.09.2019	27,7061	36,1943	0,11514	15,3501	29,2649	0,50427	6,70348	21,7455	0,75067	2,59848	6,6349	0,1076	0	0	1
22.09.2019	27,7101	36,1943	0,11503	15,3341	29,2649	0,50552	6,78186	21,7455	0,74343	2,33412	6,6349	0,12672	0	0	1
23.09.2019	27,7948	36,1943	0,11263	15,6206	29,2649	0,48318	6,81088	21,7455	0,74075	2,27392	6,6349	0,13208	0	0	1
24.09.2019	27,6578	36,1943	0,11651	16,4129	29,2649	0,42139	7,10773	21,7455	0,71332	1,86171	6,6349	0,17262	0	0	1
25.09.2019	27,8661	36,1943	0,11061	16,2862	29,2649	0,43127	7,12625	21,7455	0,71161	1,65494	6,6349	0,19841	0	0	1
26.09.2019	27,9417	36,1943	0,10846	16,437	29,2649	0,41951	7,29042	21,7455	0,69644	1,46572	6,6349	0,26717	0	0	1
27.09.2019	28,0149	36,1943	0,10639	16,4442	29,2649	0,41895	7,27853	21,7455	0,69753	1,5403	6,6349	0,23882	0	0	1
28.09.2019	28,0829	36,1943	0,10446	16,4176	29,2649	0,42102	7,30442	21,7455	0,69514	1,52103	6,6349	0,24614	0	0	1
29.09.2019	28,1185	36,1943	0,10345	16,3987	29,2649	0,42249	7,3504	21,7455	0,69089	1,3795	6,6349	0,29995	0	0	1
30.09.2019	28,1717	36,1943	0,10195	16,4221	29,2649	0,42068	7,31238	21,7455	0,69441	1,50966	6,6349	0,25047	0	0	1
1.10.2019	28,2222	36,1943	0,10052	16,3272	29,2649	0,42807	7,30782	21,7455	0,69483	1,47378	6,6349	0,2641	0	0	1
2.10.2019	28,2737	36,1943	0,09916	16,3722	29,2649	0,42457	7,30941	21,7455	0,69468	1,51696	6,6349	0,24769	0	0	1
3.10.2019	28,3246	36,1943	0,09788	16,3824	29,2649	0,42377	7,32559	21,7455	0,69319	1,4632	6,6349	0,26813	0	0	1
4.10.2019	28,3732	36,1943	0,09666	16,4535	29,2649	0,41823	7,32545	21,7455	0,6932	1,48402	6,6349	0,26021	0	0	1
5.10.2019	28,417	36,1943	0,09556	16,5107	29,2649	0,41376	7,35258	21,7455	0,69069	1,4382	6,6349	0,27763	0	0	1
6.10.2019	28,4713	36,1943	0,09423	16,5394	29,2649	0,41152	7,43814	21,7455	0,68279	1,25676	6,6349	0,34661	0	0	1
7.10.2019	28,4746	36,1943	0,09415	16,4782	29,2649	0,4163	7,35876	21,7455	0,69012	1,49866	6,6349	0,25465	0	0	1
8.10.2019	28,5283	36,1943	0,09286	16,4266	29,2649	0,42032	7,36825	21,7455	0,68924	1,45417	6,6349	0,27156	0	0	1
9.10.2019	28,3959	36,1943	0,09609	16,3636	29,2649	0,42524	7,2755	21,7455	0,69781	1,88642	6,6349	0,16997	0	0	1
10.10.2019	28,4303	36,1943	0,09523	16,3019	29,2649	0,43005	7,31559	21,7455	0,69411	1,80728	6,6349	0,1791	0	0	1
11.10.2019	28,6028	36,1943	0,09108	16,3354	29,2649	0,42743	7,37194	21,7455	0,6889	1,61977	6,6349	0,2086	0	0	1
12.10.2019	28,6182	36,1943	0,09071	16,4053	29,2649	0,42198	7,37117	21,7455	0,68897	1,80953	6,6349	0,17881	0	0	1
13.10.2019	28,4347	36,1943	0,09512	16,3626	29,2649	0,42531	7,36985	21,7455	0,6891	1,95899	6,6349	0,16217	0	0	1
14.10.2019	28,477	36,1943	0,0941	16,3716	29,2649	0,42461	7,35563	21,7455	0,69041	1,98746	6,6349	0,15911	0	0	1
15.10.2019	28,4996	36,1943	0,09355	16,414	29,2649	0,42131	7,38554	21,7455	0,68765	1,99908	6,6349	0,15787	0	0	1
16.10.2019	28,6664	36,1943	0,08957	16,5415	29,2649	0,41136	7,42454	21,7455	0,68404	1,92581	6,6349	0,16574	0	0	1
17.10.2019	28,6309	36,1943	0,0904	16,4987	29,2649	0,4147	7,39807	21,7455	0,68649	2,0408	6,6349	0,15338	0	0	1
18.10.2019	28,7052	36,1943	0,08868	16,5278	29,2649	0,41243	7,43806	21,7455	0,68279	2,00575	6,6349	0,15715	0	0	1

18.10.2019	28,7052	36,1943	0,08868	16,5278	29,2649	0,41243	7,43806	21,7455	0,68279	2,00575	6,6349	0,15715	0	0	1
19.10.2019	28,8289	36,1943	0,08584	16,5654	29,2649	0,4095	7,44552	21,7455	0,6821	2,02456	6,6349	0,15513	0	0	1
20.10.2019	28,9414	36,1943	0,08335	16,6058	29,2649	0,40635	7,4331	21,7455	0,68325	2,15576	6,6349	0,14258	0	0	1
21.10.2019	28,9887	36,1943	0,08231	16,6403	29,2649	0,40366	7,42348	21,7455	0,68414	2,17693	6,6349	0,1407	0	0	1
22.10.2019	29,0476	36,1943	0,08103	16,6369	29,2649	0,40392	7,45945	21,7455	0,68082	2,12987	6,6349	0,14488	0	0	1
23.10.2019	28,992	36,1943	0,08224	16,668	29,2649	0,4015	7,60438	21,7455	0,66742	1,78066	6,6349	0,18247	0	0	1
24.10.2019	28,9437	36,1943	0,0833	16,6354	29,2649	0,40404	7,57821	21,7455	0,66984	1,86654	6,6349	0,17211	0	0	1
25.10.2019	29,115	36,1943	0,07958	16,3592	29,2649	0,42558	7,489	21,7455	0,67809	2,04103	6,6349	0,15336	0	0	1
26.10.2019	29,1233	36,1943	0,07941	16,3456	29,2649	0,42664	7,44837	21,7455	0,68184	2,16408	6,6349	0,14184	0	0	1
27.10.2019	29,1877	36,1943	0,07809	16,2325	29,2649	0,43546	7,40774	21,7455	0,68559	2,19517	6,6349	0,13908	0	0	1
28.10.2019	29,2793	36,1943	0,0762	15,9585	29,2649	0,45683	7,37636	21,7455	0,68849	2,24999	6,6349	0,1342	0	0	1
29.10.2019	29,3144	36,1943	0,07548	15,9319	29,2649	0,4589	7,37366	21,7455	0,68874	2,36875	6,6349	0,12392	0	0	1
30.10.2019	29,3786	36,1943	0,0742	15,9029	29,2649	0,46116	7,40507	21,7455	0,68584	2,22409	6,6349	0,13651	0	0	1
31.10.2019	29,4199	36,1943	0,0734	15,9728	29,2649	0,45571	7,39087	21,7455	0,68715	2,25254	6,6349	0,13398	0	0	1
1.11.2019	29,4798	36,1943	0,07224	15,9371	29,2649	0,4585	7,3802	21,7455	0,68814	2,23008	6,6349	0,13597	0	0	1
2.11.2019	29,4983	36,1943	0,07188	15,8005	29,2649	0,46915	7,32916	21,7455	0,69286	2,24536	6,6349	0,13461	0	0	1
3.11.2019	29,5426	36,1943	0,07102	15,9112	29,2649	0,46052	7,38572	21,7455	0,68763	2,28425	6,6349	0,13116	0	0	1
4.11.2019	29,6356	36,1943	0,06926	16,0454	29,2649	0,45005	7,38557	21,7455	0,68764	2,42448	6,6349	0,11996	0	0	1
5.11.2019	29,6659	36,1943	0,0687	16,1427	29,2649	0,44246	7,3816	21,7455	0,68801	2,47071	6,6349	0,11668	0	0	1
6.11.2019	29,7263	36,1943	0,0676	16,2987	29,2649	0,4303	7,42908	21,7455	0,68362	2,5216	6,6349	0,11306	0	0	1
7.11.2019	29,3567	36,1943	0,07463	16,3985	29,2649	0,42251	7,39317	21,7455	0,68694	2,60341	6,6349	0,10725	0	0	1
8.11.2019	29,6501	36,1943	0,06899	16,4679	29,2649	0,4171	7,55696	21,7455	0,67181	2,45644	6,6349	0,11769	0	0	1
9.11.2019	17,9793	36,1943	0,71492	9,05091	29,2649	0,94737	9,0112	21,7455	0,53742	0,23349	6,6349	0,73564	0	0	1
10.11.2019	18,2207	36,1943	0,69812	10,0635	29,2649	0,90051	8,88303	21,7455	0,54927	0,16863	6,6349	0,7603	0	0	1
11.11.2019	245,504	36,1943	0,001	17,2184	29,2649	0,35858	7,57949	21,7455	0,66972	2,06727	6,6349	0,15054	1	1	1
12.11.2019	245,845	36,1943	0,001	17,2445	29,2649	0,35654	7,56194	21,7455	0,67134	2,17817	6,6349	0,14059	1	1	1
13.11.2019	246,209	36,1943	0,001	17,2587	29,2649	0,35543	7,55478	21,7455	0,67201	2,23696	6,6349	0,13536	1	1	1
14.11.2019	246,573	36,1943	0,001	17,2954	29,2649	0,35257	7,55366	21,7455	0,67211	2,24087	6,6349	0,13501	1	1	1

1 % LEVEL OF SIGNIFICANCE and Model 1 of Johansen CI Test														
TRACE Test Stat														
date	Rank=0			Rank=1			Rank=2			Rank=3			No of CI Vectors at 5%	No of CI Vectors at 1%
	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value	Test Stat	Crit Value	P Value		
21.05.2018	51,398	62,5225	0,10501	28,8859	41,0722	0,19472	11,255	23,1574	0,41359	1,08623	6,6349	0,41144	0	0
22.05.2018	52,8716	62,5225	0,0797	29,6334	41,0722	0,16799	11,609	23,1574	0,38283	0,48779	6,6349	0,63896	0	0
23.05.2018	54,6642	62,5225	0,05625	31,3348	41,0722	0,11791	12,7951	23,1574	0,27979	0,42672	6,6349	0,66218	0	0
24.05.2018	55,981	62,5225	0,04309	32,2407	41,0722	0,09614	13,398	23,1574	0,22741	0,83876	6,6349	0,50553	1	0
25.05.2018	56,0606	62,5225	0,04239	32,0982	41,0722	0,09926	13,7938	23,1574	0,19593	0,97858	6,6349	0,45237	1	0
26.05.2018	57,0128	62,5225	0,0347	32,5505	41,0722	0,08966	14,0813	23,1574	0,18134	1,00906	6,6349	0,44078	1	0
27.05.2018	56,2661	62,5225	0,04059	32,1475	41,0722	0,09818	14,1094	23,1574	0,17991	0,81084	6,6349	0,51614	1	0
28.05.2018	55,0749	62,5225	0,05181	30,2882	41,0722	0,14687	13,6359	23,1574	0,20675	0,54623	6,6349	0,61674	0	0
29.05.2018	56,976	62,5225	0,03495	31,7642	41,0722	0,10737	14,5003	23,1574	0,16178	0,94602	6,6349	0,46475	1	0
30.05.2018	57,6633	62,5225	0,0302	32,0507	41,0722	0,10034	14,535	23,1574	0,16022	1,06962	6,6349	0,41776	1	0
31.05.2018	57,3294	62,5225	0,03251	31,9714	41,0722	0,10228	14,3252	23,1574	0,16964	0,93963	6,6349	0,46718	1	0
1.06.2018	57,1894	62,5225	0,03348	32,0584	41,0722	0,10015	14,15	23,1574	0,17785	1,01555	6,6349	0,43832	1	0
2.06.2018	56,7021	62,5225	0,0371	30,4557	41,0722	0,14204	12,2591	23,1574	0,32635	1,06435	6,6349	0,41976	1	0
3.06.2018	57,3132	62,5225	0,03262	31,1047	41,0722	0,12355	12,618	23,1574	0,29517	1,24719	6,6349	0,35025	1	0
4.06.2018	56,7402	62,5225	0,0368	30,2228	41,0722	0,14876	11,9483	23,1574	0,35336	1,06247	6,6349	0,42048	1	0
5.06.2018	54,2308	62,5225	0,0613	28,258	41,0722	0,22822	9,34496	23,1574	0,57951	0,94396	6,6349	0,46553	0	0
6.06.2018	51,0266	62,5225	0,1124	25,2802	41,0722	0,40155	5,77732	23,1574	0,88533	0,35806	6,6349	0,68828	0	0
7.06.2018	53,4746	62,5225	0,07103	27,0236	41,0722	0,30007	7,17407	23,1574	0,7681	0,55396	6,6349	0,6138	0	0
8.06.2018	53,6646	62,5225	0,06847	26,4652	41,0722	0,33258	5,51018	23,1574	0,90433	0,13601	6,6349	0,7727	0	0
9.06.2018	54,8544	62,5225	0,05414	27,3383	41,0722	0,28175	6,42441	23,1574	0,83389	0,48428	6,6349	0,64029	0	0
10.06.2018	57,3221	62,5225	0,03256	30,8412	41,0722	0,13091	10,2635	23,1574	0,49971	1,14642	6,6349	0,38856	1	0
11.06.2018	55,9472	62,5225	0,04338	30,2953	41,0722	0,14667	9,14951	23,1574	0,59649	1,04717	6,6349	0,42629	1	0
12.06.2018	56,3995	62,5225	0,03948	29,2163	41,0722	0,18253	8,56239	23,1574	0,64749	0,50856	6,6349	0,63106	1	0
13.06.2018	56,11	62,5225	0,04196	30,482	41,0722	0,14128	9,41374	23,1574	0,57353	0,39267	6,6349	0,67512	1	0
14.06.2018	55,9645	62,5225	0,04323	31,7196	41,0722	0,10846	10,2318	23,1574	0,50246	0,67919	6,6349	0,56619	1	0
15.06.2018	55,9896	62,5225	0,04301	31,7055	41,0722	0,10881	9,95917	23,1574	0,52615	0,39473	6,6349	0,67434	1	0
16.06.2018	55,0595	62,5225	0,05197	31,1413	41,0722	0,12265	9,71187	23,1574	0,54763	0,35709	6,6349	0,68865	0	0
17.06.2018	53,3227	62,5225	0,07315	29,3315	41,0722	0,17828	9,04115	23,1574	0,6059	0,23216	6,6349	0,73614	0	0
18.06.2018	52,4889	62,5225	0,08567	28,3565	41,0722	0,22249	8,7618	23,1574	0,63017	0,4243	6,6349	0,6631	0	0
19.06.2018	52,3413	62,5225	0,08808	28,082	41,0722	0,23846	9,14168	23,1574	0,59717	0,72087	6,6349	0,55035	0	0
20.06.2018	54,169	62,5225	0,06206	29,4882	41,0722	0,17277	10,6133	23,1574	0,46932	0,88322	6,6349	0,48863	0	0
21.06.2018	53,4051	62,5225	0,072	27,9374	41,0722	0,24688	9,8185	23,1574	0,53837	0,66214	6,6349	0,57267	0	0
22.06.2018	54,8	62,5225	0,05472	29,0479	41,0722	0,18874	10,8581	23,1574	0,44806	0,47816	6,6349	0,64262	0	0
23.06.2018	56,2287	62,5225	0,04092	30,1648	41,0722	0,1505	11,1994	23,1574	0,41841	0,63943	6,6349	0,58131	1	0
24.06.2018	56,0527	62,5225	0,04246	30,1719	41,0722	0,15026	11,2475	23,1574	0,41423	0,78584	6,6349	0,52565	1	0
25.06.2018	56,3215	62,5225	0,0401	30,2847	41,0722	0,14697	11,4033	23,1574	0,4007	0,77897	6,6349	0,52826	1	0

26.06.2018	56,7428	62,5225	0,03678	30,4932	41,0722	0,14095	10,9383	23,1574	0,44109	0,90873	6,6349	0,47893	1	0
27.06.2018	56,8893	62,5225	0,03563	30,8907	41,0722	0,12947	11,083	23,1574	0,42852	0,96117	6,6349	0,45899	1	0
28.06.2018	56,0852	62,5225	0,04217	31,5007	41,0722	0,11383	11,4082	23,1574	0,40027	0,84179	6,6349	0,50438	1	0
29.06.2018	55,8974	62,5225	0,04382	31,7356	41,0722	0,10807	11,859	23,1574	0,36111	0,95324	6,6349	0,46201	1	0
30.06.2018	55,8407	62,5225	0,04432	32,0219	41,0722	0,10104	12,1306	23,1574	0,33752	1,24403	6,6349	0,35145	1	0
1.07.2018	55,0541	62,5225	0,05203	32,0567	41,0722	0,10019	12,2481	23,1574	0,32731	1,35364	6,6349	0,30978	0	0
2.07.2018	58,3813	62,5225	0,02589	32,7079	41,0722	0,08653	12,4314	23,1574	0,31139	1,69207	6,6349	0,1937	1	0
3.07.2018	59,3877	62,5225	0,02074	32,8456	41,0722	0,08385	12,202	23,1574	0,33131	1,7188	6,6349	0,19031	1	0
4.07.2018	59,8486	62,5225	0,01876	32,9392	41,0722	0,08207	12,4081	23,1574	0,31341	1,9078	6,6349	0,16767	1	0
5.07.2018	60,3417	62,5225	0,0168	33,1319	41,0722	0,0785	11,892	23,1574	0,35824	1,97193	6,6349	0,16078	1	0
6.07.2018	59,332	62,5225	0,02101	31,8405	41,0722	0,10549	10,8241	23,1574	0,45102	1,98501	6,6349	0,15938	1	0
7.07.2018	60,4524	62,5225	0,01637	32,5648	41,0722	0,08937	11,476	23,1574	0,39438	2,00845	6,6349	0,15686	1	0
8.07.2018	60,4941	62,5225	0,0162	32,5472	41,0722	0,08972	11,1427	23,1574	0,42334	2,03019	6,6349	0,15452	1	0
9.07.2018	59,0918	62,5225	0,02221	31,5426	41,0722	0,1128	9,86683	23,1574	0,53417	2,04057	6,6349	0,15341	1	0
10.07.2018	55,1036	62,5225	0,0515	28,9223	41,0722	0,19338	7,34149	23,1574	0,75355	2,04075	6,6349	0,15339	0	0
11.07.2018	51,429	62,5225	0,10439	27,1277	41,0722	0,29401	5,51627	23,1574	0,90392	1,98861	6,6349	0,15899	0	0
12.07.2018	51,4562	62,5225	0,10385	25,9554	41,0722	0,36225	4,50173	23,1574	0,95913	1,82601	6,6349	0,17672	0	0
13.07.2018	51,7029	62,5225	0,09905	26,335	41,0722	0,34016	4,6465	23,1574	0,95285	1,91702	6,6349	0,16668	0	0
14.07.2018	52,1632	62,5225	0,09103	26,5005	41,0722	0,33052	4,64234	23,1574	0,95304	1,94187	6,6349	0,16401	0	0
15.07.2018	54,9781	62,5225	0,05283	28,4367	41,0722	0,21782	6,37044	23,1574	0,83849	2,13316	6,6349	0,14459	0	0
16.07.2018	56,3848	62,5225	0,03959	29,7517	41,0722	0,16409	7,8829	23,1574	0,70652	2,01616	6,6349	0,15603	1	0
17.07.2018	57,4038	62,5225	0,03199	30,6553	41,0722	0,13627	8,57817	23,1574	0,64612	1,98509	6,6349	0,15937	1	0
18.07.2018	57,0829	62,5225	0,03421	31,0275	41,0722	0,12552	8,38745	23,1574	0,66269	1,85208	6,6349	0,17366	1	0
19.07.2018	57,7945	62,5225	0,02939	31,1646	41,0722	0,12208	8,2996	23,1574	0,67032	1,95593	6,6349	0,1625	1	0
20.07.2018	55,1609	62,5225	0,0509	30,0922	41,0722	0,15288	7,59501	23,1574	0,73153	1,89052	6,6349	0,16953	0	0
21.07.2018	55,4806	62,5225	0,04773	30,4371	41,0722	0,14257	7,78232	23,1574	0,71526	1,82828	6,6349	0,17643	1	0
22.07.2018	54,9925	62,5225	0,05268	30,3346	41,0722	0,14553	7,7495	23,1574	0,71811	1,83642	6,6349	0,1754	0	0
23.07.2018	54,2481	62,5225	0,06109	29,4743	41,0722	0,17322	7,7422	23,1574	0,71874	1,94987	6,6349	0,16315	0	0
24.07.2018	54,4628	62,5225	0,05856	29,6631	41,0722	0,16701	7,87848	23,1574	0,7069	1,9107	6,6349	0,16736	0	0
25.07.2018	55,5388	62,5225	0,04717	30,2379	41,0722	0,14832	8,37633	23,1574	0,66365	2,11019	6,6349	0,14663	1	0
26.07.2018	56,2408	62,5225	0,04081	30,7611	41,0722	0,13322	8,8499	23,1574	0,62251	2,2283	6,6349	0,13613	1	0
27.07.2018	57,4028	62,5225	0,032	31,7268	41,0722	0,10829	9,18296	23,1574	0,59358	2,27527	6,6349	0,13196	1	0
28.07.2018	58,4258	62,5225	0,02562	32,4821	41,0722	0,09106	9,41059	23,1574	0,57381	2,3247	6,6349	0,12756	1	0
29.07.2018	58,4622	62,5225	0,02541	32,3319	41,0722	0,09419	9,38636	23,1574	0,57591	2,27314	6,6349	0,13214	1	0
30.07.2018	57,8062	62,5225	0,02932	31,5543	41,0722	0,11252	9,44274	23,1574	0,57101	2,27817	6,6349	0,1317	1	0
31.07.2018	57,8692	62,5225	0,02894	31,4814	41,0722	0,11431	9,68925	23,1574	0,5496	2,37355	6,6349	0,12358	1	0
1.08.2018	58,1712	62,5225	0,02714	31,7225	41,0722	0,10839	9,52642	23,1574	0,56374	2,37553	6,6349	0,12344	1	0
2.08.2018	57,7209	62,5225	0,02983	30,7967	41,0722	0,13219	9,71095	23,1574	0,54771	2,35873	6,6349	0,12463	1	0
3.08.2018	58,1847	62,5225	0,02706	31,1777	41,0722	0,12176	9,81163	23,1574	0,53897	2,39519	6,6349	0,12204	1	0
4.08.2018	58,0682	62,5225	0,02776	30,5289	41,0722	0,13992	9,87633	23,1574	0,53335	2,40537	6,6349	0,12132	1	0

5.08.2018	57,9222	62,5225	0,02863	30,1647	41,0722	0,1505	9,96339	23,1574	0,52578	2,43717	6,6349	0,11906	1	0
6.08.2018	57,6007	62,5225	0,03063	29,6269	41,0722	0,1682	10,0366	23,1574	0,51942	2,45469	6,6349	0,11781	1	0
7.08.2018	56,3334	62,5225	0,04	28,1324	41,0722	0,23553	10,0528	23,1574	0,51802	2,4737	6,6349	0,11646	1	0
8.08.2018	55,8872	62,5225	0,04391	27,5062	41,0722	0,27198	9,69484	23,1574	0,54911	2,50067	6,6349	0,11455	1	0
9.08.2018	55,3059	62,5225	0,04942	26,7198	41,0722	0,31776	10,1368	23,1574	0,51072	2,51331	6,6349	0,11365	1	0
10.08.2018	53,8774	62,5225	0,06568	25,1467	41,0722	0,40933	9,65009	23,1574	0,553	2,54149	6,6349	0,11165	0	0
11.08.2018	52,1161	62,5225	0,09183	23,2421	41,0722	0,52019	9,48976	23,1574	0,56693	2,56551	6,6349	0,10994	0	0
12.08.2018	50,9339	62,5225	0,11424	21,8788	41,0722	0,59955	9,61732	23,1574	0,55585	2,57907	6,6349	0,10898	0	0
13.08.2018	48,1823	62,5225	0,18089	19,2542	41,0722	0,75232	7,80326	23,1574	0,71344	2,54025	6,6349	0,11174	0	0
14.08.2018	47,3582	62,5225	0,20797	18,0853	41,0722	0,81875	6,31763	23,1574	0,84299	2,18423	6,6349	0,14005	0	0
15.08.2018	46,4736	62,5225	0,24756	16,7719	41,0722	0,88129	5,86314	23,1574	0,87912	2,16441	6,6349	0,14181	0	0
16.08.2018	46,1739	62,5225	0,26098	16,5985	41,0722	0,88841	6,21872	23,1574	0,85133	2,37853	6,6349	0,12322	0	0
17.08.2018	49,4786	62,5225	0,14633	20,1163	41,0722	0,70214	9,45902	23,1574	0,5696	2,48618	6,6349	0,11558	0	0
18.08.2018	47,2115	62,5225	0,21454	20,888	41,0722	0,65722	9,80149	23,1574	0,53985	1,97723	6,6349	0,16021	0	0
19.08.2018	48,3602	62,5225	0,17562	20,028	41,0722	0,70728	9,22305	23,1574	0,5901	2,08016	6,6349	0,1493	0	0
20.08.2018	44,27	62,5225	0,34619	19,1772	41,0722	0,75681	8,53826	23,1574	0,64959	1,94986	6,6349	0,16315	0	0
21.08.2018	44,2736	62,5225	0,34603	17,941	41,0722	0,82639	7,90346	23,1574	0,70473	1,72105	6,6349	0,19003	0	0
22.08.2018	44,7563	62,5225	0,32443	17,5639	41,0722	0,84527	7,57533	23,1574	0,73324	1,67298	6,6349	0,19612	0	0
23.08.2018	44,9371	62,5225	0,31633	17,9202	41,0722	0,82743	8,00946	23,1574	0,69552	1,76256	6,6349	0,18477	0	0
24.08.2018	44,2198	62,5225	0,34843	17,0589	41,0722	0,86886	7,55182	23,1574	0,73528	1,50628	6,6349	0,25175	0	0
25.08.2018	45,161	62,5225	0,30631	17,3024	41,0722	0,85767	7,74228	23,1574	0,71873	1,48558	6,6349	0,25962	0	0
26.08.2018	45,2629	62,5225	0,30175	17,2136	41,0722	0,86175	7,60525	23,1574	0,73064	1,6826	6,6349	0,1949	0	0
27.08.2018	46,4885	62,5225	0,2469	18,1236	41,0722	0,8167	8,46555	23,1574	0,6559	2,45414	6,6349	0,11785	0	0
28.08.2018	47,6716	62,5225	0,196	19,1452	41,0722	0,75867	9,42528	23,1574	0,57253	2,43362	6,6349	0,11931	0	0
29.08.2018	47,1934	62,5225	0,21535	18,5425	41,0722	0,79376	8,7038	23,1574	0,63521	2,43313	6,6349	0,11934	0	0
30.08.2018	47,1979	62,5225	0,21515	18,1573	41,0722	0,8149	8,18903	23,1574	0,67992	2,10911	6,6349	0,14673	0	0
31.08.2018	47,1048	62,5225	0,21931	17,688	41,0722	0,83906	7,78796	23,1574	0,71477	2,05371	6,6349	0,152	0	0
1.09.2018	47,5575	62,5225	0,19937	17,9848	41,0722	0,82414	8,04248	23,1574	0,69265	2,30469	6,6349	0,12934	0	0
2.09.2018	48,1712	62,5225	0,18122	18,5377	41,0722	0,79403	8,50316	23,1574	0,65264	2,38937	6,6349	0,12245	0	0
3.09.2018	48,3971	62,5225	0,17458	18,6548	41,0722	0,78722	8,53723	23,1574	0,64968	2,42501	6,6349	0,11992	0	0
4.09.2018	48,1228	62,5225	0,18265	18,6161	41,0722	0,78947	8,46371	23,1574	0,65606	2,38995	6,6349	0,12241	0	0
5.09.2018	48,0112	62,5225	0,18595	18,5083	41,0722	0,79574	8,05318	23,1574	0,69173	2,1022	6,6349	0,14734	0	0
6.09.2018	47,3499	62,5225	0,20834	18,1717	41,0722	0,81412	7,67198	23,1574	0,72484	2,05202	6,6349	0,15218	0	0
7.09.2018	46,6955	62,5225	0,23763	18,0318	41,0722	0,82162	7,47406	23,1574	0,74203	1,87643	6,6349	0,17104	0	0
8.09.2018	45,9661	62,5225	0,27028	18,053	41,0722	0,82048	7,50173	23,1574	0,73963	1,85122	6,6349	0,17375	0	0
9.09.2018	45,8028	62,5225	0,27758	18,0586	41,0722	0,82018	7,44098	23,1574	0,74491	1,79867	6,6349	0,18019	0	0
10.09.2018	45,4166	62,5225	0,29487	18,0495	41,0722	0,82067	7,3915	23,1574	0,74921	1,91124	6,6349	0,1673	0	0
11.09.2018	44,715	62,5225	0,32627	17,883	41,0722	0,82929	7,16361	23,1574	0,769	1,7764	6,6349	0,18301	0	0
12.09.2018	44,2907	62,5225	0,34526	17,9577	41,0722	0,82555	7,1929	23,1574	0,76646	1,71011	6,6349	0,19142	0	0
13.09.2018	45,4173	62,5225	0,29484	18,5388	41,0722	0,79397	7,6248	23,1574	0,72894	1,974	6,6349	0,16056	0	0

14.09.2018	45,4509	62,5225	0,29333	18,5786	41,0722	0,79165	7,53754	23,1574	0,73652	2,12153	6,6349	0,14562	0	0
15.09.2018	46,2706	62,5225	0,25665	19,1316	41,0722	0,75946	8,02625	23,1574	0,69407	2,24304	6,6349	0,13482	0	0
16.09.2018	46,2583	62,5225	0,2572	19,141	41,0722	0,75892	7,95743	23,1574	0,70004	2,16819	6,6349	0,14148	0	0
17.09.2018	45,5687	62,5225	0,28806	18,8507	41,0722	0,77581	7,56343	23,1574	0,73427	1,88768	6,6349	0,16983	0	0
18.09.2018	45,821	62,5225	0,27677	19,0069	41,0722	0,76672	7,67397	23,1574	0,72467	1,96686	6,6349	0,16133	0	0
19.09.2018	45,9051	62,5225	0,27301	19,3249	41,0722	0,74821	7,93333	23,1574	0,70214	2,05067	6,6349	0,15232	0	0
20.09.2018	45,895	62,5225	0,27346	19,4503	41,0722	0,74091	8,01272	23,1574	0,69524	2,21574	6,6349	0,13725	0	0
21.09.2018	46,7793	62,5225	0,23388	19,8543	41,0722	0,7174	8,41591	23,1574	0,66021	2,34517	6,6349	0,12574	0	0
22.09.2018	47,302	62,5225	0,21049	20,022	41,0722	0,70763	8,48235	23,1574	0,65444	2,35731	6,6349	0,12473	0	0
23.09.2018	47,3855	62,5225	0,20675	20,145	41,0722	0,70047	8,53309	23,1574	0,65004	2,3508	6,6349	0,12524	0	0
24.09.2018	47,5594	62,5225	0,19932	20,4478	41,0722	0,68285	8,63467	23,1574	0,64121	2,36784	6,6349	0,12398	0	0
25.09.2018	47,0082	62,5225	0,22364	20,4868	41,0722	0,68058	8,51501	23,1574	0,65161	2,29537	6,6349	0,13017	0	0
26.09.2018	47,195	62,5225	0,21528	20,7035	41,0722	0,66796	8,67161	23,1574	0,638	2,3186	6,6349	0,1281	0	0
27.09.2018	46,9428	62,5225	0,22656	21,0788	41,0722	0,64612	8,99242	23,1574	0,61013	2,39158	6,6349	0,1223	0	0
28.09.2018	47,0598	62,5225	0,22133	21,1225	41,0722	0,64358	8,97903	23,1574	0,6113	2,42477	6,6349	0,11994	0	0
29.09.2018	47,2817	62,5225	0,21139	21,2568	41,0722	0,63575	9,06976	23,1574	0,60341	2,38254	6,6349	0,12294	0	0
30.09.2018	48,2246	62,5225	0,17964	21,5453	41,0722	0,61897	9,29443	23,1574	0,5839	2,44733	6,6349	0,11834	0	0
1.10.2018	48,1237	62,5225	0,18262	21,5705	41,0722	0,6175	9,22714	23,1574	0,58974	2,41825	6,6349	0,1204	0	0
2.10.2018	48,1013	62,5225	0,18329	21,6019	41,0722	0,61567	9,30136	23,1574	0,58329	2,64172	6,6349	0,10453	0	0
3.10.2018	48,9372	62,5225	0,16021	21,4698	41,0722	0,62336	9,32027	23,1574	0,58165	2,46295	6,6349	0,11723	0	0
4.10.2018	49,3544	62,5225	0,14922	21,7526	41,0722	0,60689	9,40888	23,1574	0,57396	2,48239	6,6349	0,11585	0	0
5.10.2018	47,9468	62,5225	0,18786	21,4021	41,0722	0,6273	9,45641	23,1574	0,56983	2,52345	6,6349	0,11293	0	0
6.10.2018	47,7658	62,5225	0,19321	21,4574	41,0722	0,62408	9,43145	23,1574	0,57199	2,3927	6,6349	0,12222	0	0
7.10.2018	48,6483	62,5225	0,1679	21,6128	41,0722	0,61503	9,4896	23,1574	0,56694	2,5437	6,6349	0,11149	0	0
8.10.2018	48,6506	62,5225	0,16784	21,6928	41,0722	0,61038	9,53361	23,1574	0,56312	2,58784	6,6349	0,10836	0	0
9.10.2018	48,0019	62,5225	0,18622	21,6747	41,0722	0,61143	9,54038	23,1574	0,56253	2,52536	6,6349	0,11279	0	0
10.10.2018	48,5382	62,5225	0,17083	21,9145	41,0722	0,59747	9,60468	23,1574	0,55695	2,50531	6,6349	0,11422	0	0
11.10.2018	49,0281	62,5225	0,15779	21,8311	41,0722	0,60233	9,08771	23,1574	0,60186	2,06079	6,6349	0,15124	0	0
12.10.2018	49,0083	62,5225	0,15832	21,9101	41,0722	0,59773	9,23751	23,1574	0,58884	2,15826	6,6349	0,14236	0	0
13.10.2018	49,2532	62,5225	0,15181	22,0669	41,0722	0,5886	9,32817	23,1574	0,58097	2,20238	6,6349	0,13844	0	0
14.10.2018	49,3268	62,5225	0,14987	22,1744	41,0722	0,58234	9,37473	23,1574	0,57692	2,19951	6,6349	0,13869	0	0
15.10.2018	50,0531	62,5225	0,13293	22,6603	41,0722	0,55406	9,87292	23,1574	0,53364	2,55244	6,6349	0,11087	0	0
16.10.2018	50,2928	62,5225	0,12734	22,7828	41,0722	0,54693	9,88786	23,1574	0,53235	2,47761	6,6349	0,11619	0	0
17.10.2018	50,8073	62,5225	0,11676	23,0169	41,0722	0,5333	9,98445	23,1574	0,52395	2,54388	6,6349	0,11148	0	0
18.10.2018	50,8705	62,5225	0,1155	22,9937	41,0722	0,53465	9,89841	23,1574	0,53143	2,48359	6,6349	0,11576	0	0
19.10.2018	51,1068	62,5225	0,1108	23,1039	41,0722	0,52824	9,97897	23,1574	0,52443	2,52232	6,6349	0,11301	0	0
20.10.2018	51,473	62,5225	0,10352	23,3109	41,0722	0,51619	10,1059	23,1574	0,5134	2,55106	6,6349	0,11097	0	0
21.10.2018	51,811	62,5225	0,09713	23,4956	41,0722	0,50544	10,1787	23,1574	0,50708	2,6105	6,6349	0,10675	0	0
22.10.2018	52,0604	62,5225	0,09278	23,5978	41,0722	0,49949	10,2418	23,1574	0,5016	2,64333	6,6349	0,10442	0	0
23.10.2018	52,3599	62,5225	0,08777	23,7573	41,0722	0,4902	10,3431	23,1574	0,4928	2,7108	6,6349	0,09968	0	0

24.10.2018	52,5322	62,5225	0,08496	23,7481	41,0722	0,49074	10,3367	23,1574	0,49336	2,63119	6,6349	0,10528	0	0
25.10.2018	52,8118	62,5225	0,08062	23,9197	41,0722	0,48075	10,4063	23,1574	0,48731	2,64478	6,6349	0,10431	0	0
26.10.2018	53,1307	62,5225	0,07588	24,1035	41,0722	0,47005	10,5187	23,1574	0,47754	2,70668	6,6349	0,09993	0	0
27.10.2018	53,3881	62,5225	0,07224	24,2783	41,0722	0,45987	10,6051	23,1574	0,47004	2,72588	6,6349	0,09876	0	0
28.10.2018	53,5971	62,5225	0,06936	24,4206	41,0722	0,4516	10,6756	23,1574	0,46391	2,75784	6,6349	0,09681	0	0
29.10.2018	53,6455	62,5225	0,06872	24,5113	41,0722	0,44632	10,6446	23,1574	0,4666	2,74408	6,6349	0,09765	0	0
30.10.2018	53,6872	62,5225	0,06818	24,6595	41,0722	0,43769	10,723	23,1574	0,45979	2,75548	6,6349	0,09695	0	0
31.10.2018	53,7496	62,5225	0,06736	24,8552	41,0722	0,4263	10,8511	23,1574	0,44867	2,84576	6,6349	0,09165	0	0
1.11.2018	53,8529	62,5225	0,066	25,0673	41,0722	0,41395	11,0003	23,1574	0,4357	2,95183	6,6349	0,0858	0	0
2.11.2018	54,1851	62,5225	0,06186	25,2928	41,0722	0,40082	11,149	23,1574	0,42279	3,03835	6,6349	0,08135	0	0
3.11.2018	54,0746	62,5225	0,06322	25,3839	41,0722	0,39552	11,1705	23,1574	0,42092	3,0116	6,6349	0,08271	0	0
4.11.2018	54,2056	62,5225	0,06161	25,5027	41,0722	0,3886	11,2912	23,1574	0,41044	3,09482	6,6349	0,07858	0	0
5.11.2018	54,4397	62,5225	0,05882	25,5828	41,0722	0,38394	11,318	23,1574	0,40811	3,07384	6,6349	0,07957	0	0
6.11.2018	54,646	62,5225	0,05646	25,7295	41,0722	0,3754	11,4252	23,1574	0,3988	3,12971	6,6349	0,07692	0	0
7.11.2018	54,9786	62,5225	0,05283	25,7384	41,0722	0,37489	11,4471	23,1574	0,3969	3,12376	6,6349	0,0772	0	0
8.11.2018	55,4002	62,5225	0,04851	25,5246	41,0722	0,38733	11,3291	23,1574	0,40714	2,93579	6,6349	0,08667	1	0
9.11.2018	55,4071	62,5225	0,04844	25,5516	41,0722	0,38576	11,2697	23,1574	0,4123	2,78703	6,6349	0,09503	1	0
10.11.2018	55,1811	62,5225	0,05069	25,5691	41,0722	0,38474	11,2958	23,1574	0,41004	2,77287	6,6349	0,09589	0	0
11.11.2018	55,2117	62,5225	0,05036	25,6113	41,0722	0,38228	11,2829	23,1574	0,41115	2,72997	6,6349	0,09851	0	0
12.11.2018	55,9235	62,5225	0,04359	25,8576	41,0722	0,36795	11,3675	23,1574	0,40381	2,78134	6,6349	0,09538	1	0
13.11.2018	55,7924	62,5225	0,04474	25,9276	41,0722	0,36387	11,3622	23,1574	0,40427	2,72527	6,6349	0,09879	1	0
14.11.2018	56,393	62,5225	0,03953	25,9693	41,0722	0,36144	11,1307	23,1574	0,42438	2,4839	6,6349	0,11574	1	0
15.11.2018	56,5399	62,5225	0,03838	25,9537	41,0722	0,36235	11,051	23,1574	0,4313	2,38109	6,6349	0,12304	1	0
16.11.2018	56,5923	62,5225	0,03796	25,9443	41,0722	0,3629	11,0663	23,1574	0,42997	2,32709	6,6349	0,12735	1	0
17.11.2018	56,7677	62,5225	0,03658	25,9106	41,0722	0,36486	11,0229	23,1574	0,43374	2,26402	6,6349	0,13295	1	0
18.11.2018	57,2422	62,5225	0,03311	26,2417	41,0722	0,34558	11,1859	23,1574	0,41959	2,3908	6,6349	0,12235	1	0
19.11.2018	56,3482	62,5225	0,03988	25,1764	41,0722	0,4076	10,6794	23,1574	0,46359	1,88976	6,6349	0,16961	1	0
20.11.2018	55,5068	62,5225	0,04748	24,3579	41,0722	0,45524	10,2818	23,1574	0,49813	1,56223	6,6349	0,23048	1	0
21.11.2018	56,3313	62,5225	0,04002	25,0798	41,0722	0,41322	10,5333	23,1574	0,47628	1,76236	6,6349	0,18479	1	0
22.11.2018	56,2459	62,5225	0,04077	24,6411	41,0722	0,43876	10,3977	23,1574	0,48806	1,58236	6,6349	0,22283	1	0
23.11.2018	56,2879	62,5225	0,0404	24,4413	41,0722	0,45039	10,3597	23,1574	0,49136	1,49901	6,6349	0,25451	1	0
24.11.2018	55,5745	62,5225	0,04682	23,6803	41,0722	0,49468	10,1787	23,1574	0,50708	1,34655	6,6349	0,31248	1	0
25.11.2018	55,7679	62,5225	0,04496	23,7471	41,0722	0,4908	10,3168	23,1574	0,49508	1,40069	6,6349	0,29189	1	0
26.11.2018	55,0946	62,5225	0,0516	23,1686	41,0722	0,52447	10,2383	23,1574	0,5019	1,40057	6,6349	0,29194	0	0
27.11.2018	55,1091	62,5225	0,05145	23,1939	41,0722	0,523	10,3221	23,1574	0,49462	1,4518	6,6349	0,27246	0	0
28.11.2018	55,6061	62,5225	0,04652	23,8492	41,0722	0,48485	10,5625	23,1574	0,47374	1,56892	6,6349	0,22794	1	0
29.11.2018	56,751	62,5225	0,03672	24,254	41,0722	0,46129	10,735	23,1574	0,45875	1,64386	6,6349	0,19982	1	0
30.11.2018	56,2421	62,5225	0,0408	23,8941	41,0722	0,48224	10,5391	23,1574	0,47577	1,47783	6,6349	0,26256	1	0
1.12.2018	56,6068	62,5225	0,03785	24,1616	41,0722	0,46667	10,8028	23,1574	0,45286	1,66077	6,6349	0,19767	1	0
2.12.2018	56,6077	62,5225	0,03784	24,1515	41,0722	0,46726	10,8363	23,1574	0,44996	1,67962	6,6349	0,19528	1	0

3.12.2018	56,5864	62,5225	0,03801	24,077	41,0722	0,47159	10,861	23,1574	0,44781	1,69471	6,6349	0,19337	1	0
4.12.2018	57,4082	62,5225	0,03196	24,8496	41,0722	0,42662	11,2262	23,1574	0,41609	2,0988	6,6349	0,14764	1	0
5.12.2018	57,4111	62,5225	0,03194	25,0624	41,0722	0,41423	11,3915	23,1574	0,40173	2,31255	6,6349	0,12864	1	0
6.12.2018	56,7342	62,5225	0,03685	24,2863	41,0722	0,45941	11,1468	23,1574	0,42298	1,94335	6,6349	0,16385	1	0
7.12.2018	56,4486	62,5225	0,03909	23,9218	41,0722	0,48063	11,0052	23,1574	0,43528	1,75798	6,6349	0,18535	1	0
8.12.2018	56,6396	62,5225	0,03759	24,1565	41,0722	0,46697	11,1003	23,1574	0,42702	1,85896	6,6349	0,17292	1	0
9.12.2018	56,9631	62,5225	0,03505	24,4085	41,0722	0,45229	11,2594	23,1574	0,4132	1,94569	6,6349	0,1636	1	0
10.12.2018	57,1659	62,5225	0,03364	24,3339	41,0722	0,45664	11,314	23,1574	0,40846	1,97247	6,6349	0,16072	1	0
11.12.2018	57,6543	62,5225	0,03026	24,6178	41,0722	0,44011	11,4159	23,1574	0,3996	2,07161	6,6349	0,15007	1	0
12.12.2018	58,0772	62,5225	0,0277	24,866	41,0722	0,42567	11,5887	23,1574	0,38459	2,16528	6,6349	0,14173	1	0
13.12.2018	57,8735	62,5225	0,02892	24,5894	41,0722	0,44177	11,5446	23,1574	0,38842	2,06026	6,6349	0,15129	1	0
14.12.2018	58,0892	62,5225	0,02763	24,6243	41,0722	0,43974	11,6048	23,1574	0,38319	2,08614	6,6349	0,14877	1	0
15.12.2018	58,3036	62,5225	0,02635	24,7005	41,0722	0,4353	11,6616	23,1574	0,37826	2,09237	6,6349	0,14822	1	0
16.12.2018	58,6131	62,5225	0,02459	24,868	41,0722	0,42555	11,8634	23,1574	0,36073	2,2357	6,6349	0,13547	1	0
17.12.2018	59,2575	62,5225	0,02138	25,3802	41,0722	0,39574	12,1765	23,1574	0,33353	2,46479	6,6349	0,1171	1	0
18.12.2018	59,7644	62,5225	0,01909	25,8819	41,0722	0,36653	12,5049	23,1574	0,305	2,73414	6,6349	0,09825	1	0
19.12.2018	59,7643	62,5225	0,01909	25,9228	41,0722	0,36415	12,5582	23,1574	0,30037	2,72747	6,6349	0,09866	1	0
20.12.2018	59,2628	62,5225	0,02136	26,259	41,0722	0,34458	12,8671	23,1574	0,27354	2,96948	6,6349	0,08485	1	0
21.12.2018	58,955	62,5225	0,02289	26,2342	41,0722	0,34602	12,8399	23,1574	0,2759	2,9169	6,6349	0,0877	1	0
22.12.2018	58,627	62,5225	0,02452	26,4928	41,0722	0,33097	13,0248	23,1574	0,25984	3,06757	6,6349	0,07987	1	0
23.12.2018	58,9687	62,5225	0,02282	26,6596	41,0722	0,32126	13,1534	23,1574	0,24866	3,16829	6,6349	0,07509	1	0
24.12.2018	56,3764	62,5225	0,03966	26,6313	41,0722	0,32291	13,144	23,1574	0,24948	3,15949	6,6349	0,0755	1	0
25.12.2018	55,6624	62,5225	0,04597	26,5066	41,0722	0,33017	12,9015	23,1574	0,27055	2,87725	6,6349	0,08985	1	0
26.12.2018	51,7909	62,5225	0,09749	26,5944	41,0722	0,32506	13,014	23,1574	0,26078	3,00424	6,6349	0,08309	0	0
27.12.2018	51,1957	62,5225	0,10903	26,6539	41,0722	0,32159	12,9885	23,1574	0,26299	2,93037	6,6349	0,08697	0	0
28.12.2018	47,2511	62,5225	0,21276	26,9589	41,0722	0,30384	13,337	23,1574	0,23272	3,33327	6,6349	0,06794	0	0
29.12.2018	45,5893	62,5225	0,28714	26,9123	41,0722	0,30655	13,2841	23,1574	0,23731	3,24226	6,6349	0,0718	0	0
30.12.2018	44,3961	62,5225	0,34055	26,9359	41,0722	0,30518	13,3196	23,1574	0,23422	3,34299	6,6349	0,06754	0	0
31.12.2018	46,9013	62,5225	0,22842	27,6823	41,0722	0,26173	13,7772	23,1574	0,19677	3,59476	6,6349	0,05802	0	0
1.01.2019	45,4976	62,5225	0,29124	27,5802	41,0722	0,26767	13,6541	23,1574	0,20517	3,56185	6,6349	0,05916	0	0
2.01.2019	42,7349	62,5225	0,4149	26,6245	41,0722	0,32331	13,274	23,1574	0,23819	3,47381	6,6349	0,0624	0	0
3.01.2019	43,6635	62,5225	0,37334	27,1924	41,0722	0,29025	13,4448	23,1574	0,22336	3,40829	6,6349	0,06488	0	0
4.01.2019	41,8636	62,5225	0,45389	26,411	41,0722	0,33573	13,3539	23,1574	0,23125	3,53724	6,6349	0,06001	0	0
5.01.2019	42,1092	62,5225	0,4429	26,6909	41,0722	0,31944	13,467	23,1574	0,22142	3,55776	6,6349	0,0593	0	0
6.01.2019	40,6466	62,5225	0,50836	25,3556	41,0722	0,39717	13,1472	23,1574	0,24921	3,70637	6,6349	0,05424	0	0
7.01.2019	40,6733	62,5225	0,50717	25,6111	41,0722	0,38229	13,2736	23,1574	0,23822	3,76754	6,6349	0,05232	0	0
8.01.2019	41,206	62,5225	0,48333	25,7621	41,0722	0,37351	13,6899	23,1574	0,20206	3,90289	6,6349	0,04827	0	0
9.01.2019	40,7891	62,5225	0,50198	25,5022	41,0722	0,38863	13,4397	23,1574	0,2238	3,94087	6,6349	0,04719	0	0
10.01.2019	43,0742	62,5225	0,39971	27,9271	41,0722	0,24748	14,2031	23,1574	0,17515	3,86296	6,6349	0,04939	0	0
11.01.2019	44,0711	62,5225	0,35509	28,4972	41,0722	0,21429	14,4068	23,1574	0,16598	3,90362	6,6349	0,04825	0	0

12.01.2019	44,4133	62,5225	0,33978	28,5698	41,0722	0,21007	14,4112	23,1574	0,16578	3,87994	6,6349	0,04891	0	0
13.01.2019	44,8579	62,5225	0,31988	28,8861	41,0722	0,19471	14,3753	23,1574	0,1674	3,81201	6,6349	0,05093	0	0
14.01.2019	44,9074	62,5225	0,31766	28,8339	41,0722	0,19664	14,5723	23,1574	0,15854	3,96747	6,6349	0,04644	0	0
15.01.2019	45,2073	62,5225	0,30424	29,0702	41,0722	0,18792	14,6062	23,1574	0,15701	3,97318	6,6349	0,04628	0	0
16.01.2019	45,4534	62,5225	0,29322	29,1847	41,0722	0,18369	14,7749	23,1574	0,1495	4,0684	6,6349	0,04375	0	0
17.01.2019	45,6204	62,5225	0,28575	29,3	41,0722	0,17944	14,9081	23,1574	0,1443	4,16838	6,6349	0,04124	0	0
18.01.2019	45,8363	62,5225	0,27609	29,4806	41,0722	0,17302	15,0177	23,1574	0,14002	4,24177	6,6349	0,03947	0	0
19.01.2019	46,2338	62,5225	0,2583	29,724	41,0722	0,165	15,1079	23,1574	0,1365	4,26393	6,6349	0,03899	0	0
20.01.2019	45,6723	62,5225	0,28343	29,2976	41,0722	0,17953	15,0089	23,1574	0,14036	4,27468	6,6349	0,03875	0	0
21.01.2019	45,8618	62,5225	0,27495	29,4291	41,0722	0,17471	15,0912	23,1574	0,13715	4,30497	6,6349	0,03808	0	0
22.01.2019	46,0766	62,5225	0,26533	29,5526	41,0722	0,17064	15,1551	23,1574	0,13465	4,31914	6,6349	0,03777	0	0
23.01.2019	45,7268	62,5225	0,28099	29,2742	41,0722	0,18039	15,1074	23,1574	0,13652	4,35248	6,6349	0,03704	0	0
24.01.2019	45,7515	62,5225	0,27988	29,266	41,0722	0,1807	15,1736	23,1574	0,13393	4,36137	6,6349	0,03684	0	0
25.01.2019	46,0903	62,5225	0,26472	29,4353	41,0722	0,17451	15,2936	23,1574	0,12925	4,4014	6,6349	0,03596	0	0
26.01.2019	46,3412	62,5225	0,25349	29,5728	41,0722	0,16998	15,3859	23,1574	0,12564	4,44273	6,6349	0,03505	0	0
27.01.2019	46,5415	62,5225	0,24452	29,6901	41,0722	0,16612	15,4582	23,1574	0,12316	4,4605	6,6349	0,03471	0	0
28.01.2019	46,9061	62,5225	0,22821	30,0343	41,0722	0,15479	15,3721	23,1574	0,12618	4,42603	6,6349	0,03542	0	0
29.01.2019	47,5809	62,5225	0,19868	30,6367	41,0722	0,13681	15,532	23,1574	0,12073	4,43937	6,6349	0,03513	0	0
30.01.2019	47,2967	62,5225	0,21072	30,3579	41,0722	0,14486	15,4603	23,1574	0,12309	4,45249	6,6349	0,03486	0	0
31.01.2019	47,4355	62,5225	0,20451	30,4371	41,0722	0,14257	15,5533	23,1574	0,12003	4,4869	6,6349	0,03421	0	0
1.02.2019	47,6844	62,5225	0,19562	30,6076	41,0722	0,13765	15,6484	23,1574	0,11689	4,55214	6,6349	0,03298	0	0
2.02.2019	47,7737	62,5225	0,19298	30,6289	41,0722	0,13704	15,723	23,1574	0,11444	4,58777	6,6349	0,0323	0	0
3.02.2019	47,8268	62,5225	0,19141	30,6277	41,0722	0,13707	15,7343	23,1574	0,11407	4,59194	6,6349	0,03222	0	0
4.02.2019	47,7891	62,5225	0,19252	30,5483	41,0722	0,13936	15,7989	23,1574	0,11194	4,62129	6,6349	0,03167	0	0
5.02.2019	47,6028	62,5225	0,19803	30,3448	41,0722	0,14524	15,8971	23,1574	0,10871	4,61507	6,6349	0,03178	0	0
6.02.2019	47,5845	62,5225	0,19858	30,3375	41,0722	0,14545	15,9338	23,1574	0,10749	4,592	6,6349	0,03222	0	0
7.02.2019	48,1099	62,5225	0,18303	30,935	41,0722	0,1282	16,0357	23,1574	0,10414	4,64874	6,6349	0,03115	0	0
8.02.2019	46,7954	62,5225	0,23316	29,4357	41,0722	0,17449	15,7703	23,1574	0,11288	4,48872	6,6349	0,03418	0	0
9.02.2019	46,3905	62,5225	0,25128	29,0871	41,0722	0,18729	15,7518	23,1574	0,11349	4,47566	6,6349	0,03442	0	0
10.02.2019	45,8328	62,5225	0,27624	28,481	41,0722	0,21524	15,5164	23,1574	0,12124	4,32138	6,6349	0,03772	0	0
11.02.2019	45,4443	62,5225	0,29363	28,0996	41,0722	0,23744	15,4521	23,1574	0,12336	4,16139	6,6349	0,04142	0	0
12.02.2019	45,8279	62,5225	0,27646	28,4261	41,0722	0,21844	15,484	23,1574	0,12231	4,25498	6,6349	0,03918	0	0
13.02.2019	45,8583	62,5225	0,2751	28,2763	41,0722	0,22715	15,2727	23,1574	0,13006	4,48218	6,6349	0,0343	0	0
14.02.2019	45,5709	62,5225	0,28797	27,8978	41,0722	0,24919	15,0302	23,1574	0,13953	4,51778	6,6349	0,03363	0	0
15.02.2019	45,1652	62,5225	0,30612	27,4595	41,0722	0,2747	14,7655	23,1574	0,14987	4,28868	6,6349	0,03844	0	0
16.02.2019	45,3218	62,5225	0,29912	27,5531	41,0722	0,26925	14,6741	23,1574	0,15396	4,36347	6,6349	0,0368	0	0
17.02.2019	45,361	62,5225	0,29736	27,545	41,0722	0,26973	14,3682	23,1574	0,16771	4,32751	6,6349	0,03759	0	0
18.02.2019	44,2926	62,5225	0,34518	26,3903	41,0722	0,33694	13,4967	23,1574	0,21884	4,10128	6,6349	0,04293	0	0
19.02.2019	44,0271	62,5225	0,35706	26,1179	41,0722	0,35279	13,5321	23,1574	0,21577	3,57814	6,6349	0,05859	0	0
20.02.2019	43,9777	62,5225	0,35927	26,0264	41,0722	0,35812	13,5318	23,1574	0,2158	3,39173	6,6349	0,06554	0	0

21.02.2019	42,068	62,5225	0,44475	23,6448	41,0722	0,49675	11,0694	23,1574	0,42971	3,57692	6,6349	0,05863	0	0
22.02.2019	40,4388	62,5225	0,51766	21,8067	41,0722	0,60375	9,31971	23,1574	0,5817	2,837	6,6349	0,09215	0	0
23.02.2019	39,8459	62,5225	0,5442	21,2025	41,0722	0,63892	8,56904	23,1574	0,64691	2,5391	6,6349	0,11182	0	0
24.02.2019	42,2148	62,5225	0,43817	23,3675	41,0722	0,51289	10,4765	23,1574	0,48121	3,76933	6,6349	0,05226	0	0
25.02.2019	42,3589	62,5225	0,43172	23,5213	41,0722	0,50394	10,5339	23,1574	0,47622	4,05913	6,6349	0,04398	0	0
26.02.2019	42,5648	62,5225	0,42251	23,6794	41,0722	0,49474	10,6019	23,1574	0,47031	4,30255	6,6349	0,03814	0	0
27.02.2019	42,9147	62,5225	0,40685	23,8331	41,0722	0,48579	10,8788	23,1574	0,44626	4,09994	6,6349	0,04296	0	0
28.02.2019	42,7604	62,5225	0,41375	23,581	41,0722	0,50046	10,7427	23,1574	0,45808	3,80227	6,6349	0,05123	0	0
1.03.2019	42,2167	62,5225	0,43809	23,1323	41,0722	0,52658	10,5121	23,1574	0,47812	3,07329	6,6349	0,0796	0	0
2.03.2019	41,7045	62,5225	0,46101	22,6996	41,0722	0,55177	10,1537	23,1574	0,50925	2,73578	6,6349	0,09815	0	0
3.03.2019	42,1003	62,5225	0,4433	23,1613	41,0722	0,5249	10,4305	23,1574	0,4852	3,13938	6,6349	0,07646	0	0
4.03.2019	42,1682	62,5225	0,44026	23,6133	41,0722	0,49859	10,9469	23,1574	0,44035	3,31281	6,6349	0,06878	0	0
5.03.2019	40,3509	62,5225	0,52159	22,0684	41,0722	0,58851	9,87288	23,1574	0,53365	1,40239	6,6349	0,29125	0	0
6.03.2019	39,9098	62,5225	0,54134	22,15	41,0722	0,58376	10,0149	23,1574	0,52131	0,9981	6,6349	0,44495	0	0
7.03.2019	39,3173	62,5225	0,56786	21,8854	41,0722	0,59917	9,64904	23,1574	0,55309	0,69899	6,6349	0,55867	0	0
8.03.2019	39,0562	62,5225	0,57954	21,742	41,0722	0,60751	9,34014	23,1574	0,57993	1,5403	6,6349	0,23881	0	0
9.03.2019	37,9801	62,5225	0,6277	20,6155	41,0722	0,67309	8,32237	23,1574	0,66834	1,05463	6,6349	0,42346	0	0
10.03.2019	37,0061	62,5225	0,6713	19,8005	41,0722	0,72053	7,57514	23,1574	0,73325	0,98952	6,6349	0,44821	0	0
11.03.2019	38,1459	62,5225	0,62028	21,0304	41,0722	0,64894	8,47974	23,1574	0,65467	1,10373	6,6349	0,40479	0	0
12.03.2019	37,3919	62,5225	0,65403	20,0636	41,0722	0,70521	7,72571	23,1574	0,72017	0,49884	6,6349	0,63476	0	0
13.03.2019	36,9332	62,5225	0,67456	20,0531	41,0722	0,70583	7,54007	23,1574	0,7363	0,76469	6,6349	0,53369	0	0
14.03.2019	37,953	62,5225	0,62892	20,5969	41,0722	0,67417	7,78932	23,1574	0,71465	0,72131	6,6349	0,55018	0	0
15.03.2019	38,1994	62,5225	0,61789	20,9608	41,0722	0,65298	7,89196	23,1574	0,70573	0,86664	6,6349	0,49493	0	0
16.03.2019	38,0424	62,5225	0,62492	20,9714	41,0722	0,65237	8,23132	23,1574	0,67625	0,46486	6,6349	0,64768	0	0
17.03.2019	37,8311	62,5225	0,63437	20,7757	41,0722	0,66376	7,95612	23,1574	0,70016	0,65019	6,6349	0,57722	0	0
18.03.2019	38,0803	62,5225	0,62322	21,1156	41,0722	0,64398	8,0584	23,1574	0,69127	0,81533	6,6349	0,51443	0	0
19.03.2019	38,1123	62,5225	0,62179	21,1888	41,0722	0,63971	7,99917	23,1574	0,69642	0,93566	6,6349	0,46869	0	0
20.03.2019	38,4223	62,5225	0,60791	21,6055	41,0722	0,61546	7,98891	23,1574	0,69731	1,21132	6,6349	0,36389	0	0
21.03.2019	38,8297	62,5225	0,58968	22,0095	41,0722	0,59194	8,18996	23,1574	0,67984	1,84936	6,6349	0,17395	0	0
22.03.2019	38,4351	62,5225	0,60734	21,8716	41,0722	0,59997	8,16311	23,1574	0,68218	1,4127	6,6349	0,28733	0	0
23.03.2019	38,7258	62,5225	0,59433	21,904	41,0722	0,59808	8,20155	23,1574	0,67884	1,41372	6,6349	0,28694	0	0
24.03.2019	38,8359	62,5225	0,5894	22,2844	41,0722	0,57594	8,55372	23,1574	0,64824	0,50877	6,6349	0,63099	0	0
25.03.2019	39,036	62,5225	0,58044	22,6452	41,0722	0,55494	8,46625	23,1574	0,65584	0,78514	6,6349	0,52591	0	0
26.03.2019	39,069	62,5225	0,57897	22,5967	41,0722	0,55776	8,46109	23,1574	0,65629	1,13564	6,6349	0,39266	0	0
27.03.2019	38,7294	62,5225	0,59417	22,3068	41,0722	0,57463	8,3233	23,1574	0,66826	0,96525	6,6349	0,45744	0	0
28.03.2019	38,8995	62,5225	0,58655	22,45	41,0722	0,5663	8,36063	23,1574	0,66502	0,95656	6,6349	0,46074	0	0
29.03.2019	39,0755	62,5225	0,57868	22,8522	41,0722	0,54289	8,31721	23,1574	0,66879	1,20139	6,6349	0,36766	0	0
30.03.2019	39,1292	62,5225	0,57627	23,0076	41,0722	0,53384	8,31493	23,1574	0,66899	1,07472	6,6349	0,41582	0	0
31.03.2019	39,635	62,5225	0,55364	23,4626	41,0722	0,50736	8,85083	23,1574	0,62243	0,81977	6,6349	0,51275	0	0
1.04.2019	39,7043	62,5225	0,55053	23,5932	41,0722	0,49975	8,8604	23,1574	0,6216	0,75137	6,6349	0,53875	0	0

2.04.2019	40,0271	62,5225	0,53609	23,7381	41,0722	0,49132	8,91554	23,1574	0,61681	0,18515	6,6349	0,75402	0	0
3.04.2019	39,3359	62,5225	0,56702	23,081	41,0722	0,52957	8,50609	23,1574	0,65238	0,38759	6,6349	0,67705	0	0
4.04.2019	39,5731	62,5225	0,55641	23,0111	41,0722	0,53364	8,4055	23,1574	0,66112	0,07543	6,6349	0,79573	0	0
5.04.2019	39,6037	62,5225	0,55504	22,8682	41,0722	0,54196	8,13379	23,1574	0,68472	0,03443	6,6349	0,85308	0	0
6.04.2019	38,7582	62,5225	0,59288	22,2849	41,0722	0,57591	7,83614	23,1574	0,71058	0,05743	6,6349	0,81106	0	0
7.04.2019	38,5427	62,5225	0,60252	22,2167	41,0722	0,57988	7,52619	23,1574	0,73751	0,05629	6,6349	0,81293	0	0
8.04.2019	37,2239	62,5225	0,66155	21,5801	41,0722	0,61694	7,04133	23,1574	0,77963	0,17097	6,6349	0,75941	0	0
9.04.2019	36,2709	62,5225	0,7042	20,8028	41,0722	0,66219	7,1424	23,1574	0,77085	0,12815	6,6349	0,77569	0	0
10.04.2019	36,7412	62,5225	0,68315	21,2128	41,0722	0,63832	7,02863	23,1574	0,78073	0,21603	6,6349	0,74228	0	0
11.04.2019	37,6526	62,5225	0,64236	21,3813	41,0722	0,62851	7,2806	23,1574	0,75884	0,48502	6,6349	0,64001	0	0
12.04.2019	37,8377	62,5225	0,63408	21,1743	41,0722	0,64056	7,38866	23,1574	0,74945	0,285	6,6349	0,71606	0	0
13.04.2019	38,7366	62,5225	0,59385	21,7467	41,0722	0,60724	7,52545	23,1574	0,73757	0,2848	6,6349	0,71613	0	0
14.04.2019	39,0038	62,5225	0,58189	21,8735	41,0722	0,59986	7,77213	23,1574	0,71614	0,16979	6,6349	0,75986	0	0
15.04.2019	38,7641	62,5225	0,59261	21,7296	41,0722	0,60824	7,69829	23,1574	0,72256	0,17841	6,6349	0,75658	0	0
16.04.2019	38,6856	62,5225	0,59613	21,7724	41,0722	0,60574	7,63307	23,1574	0,72822	0,1128	6,6349	0,78152	0	0
17.04.2019	39,0329	62,5225	0,58058	21,9923	41,0722	0,59294	7,69133	23,1574	0,72316	0,18141	6,6349	0,75544	0	0
18.04.2019	40,0373	62,5225	0,53563	22,6343	41,0722	0,55557	8,66075	23,1574	0,63895	5E-06	6,6349	0,9988	0	0
19.04.2019	41,2017	62,5225	0,48351	23,4711	41,0722	0,50686	9,85065	23,1574	0,53558	0,12295	6,6349	0,77766	0	0
20.04.2019	41,6475	62,5225	0,46356	23,8673	41,0722	0,4838	10,1179	23,1574	0,51236	0,1709	6,6349	0,75944	0	0
21.04.2019	40,8491	62,5225	0,4993	22,9807	41,0722	0,53541	9,33506	23,1574	0,58037	0,03962	6,6349	0,84271	0	0
22.04.2019	40,6144	62,5225	0,5098	22,7852	41,0722	0,54679	9,00648	23,1574	0,60891	2,2E-06	6,6349	0,99891	0	0
23.04.2019	40,7421	62,5225	0,50408	22,8565	41,0722	0,54264	8,55294	23,1574	0,64831	0,11158	6,6349	0,78199	0	0
24.04.2019	40,8595	62,5225	0,49883	22,9824	41,0722	0,53531	8,87409	23,1574	0,62041	0,1218	6,6349	0,7781	0	0
25.04.2019	40,9248	62,5225	0,49591	23,0769	41,0722	0,52981	8,74583	23,1574	0,63155	0,44151	6,6349	0,65656	0	0
26.04.2019	40,8755	62,5225	0,49812	23,0723	41,0722	0,53008	8,84233	23,1574	0,62317	0,35963	6,6349	0,68768	0	0
27.04.2019	41,1109	62,5225	0,48758	23,1908	41,0722	0,52318	8,80324	23,1574	0,62657	0,49951	6,6349	0,6345	0	0
28.04.2019	40,9894	62,5225	0,49302	23,1235	41,0722	0,5271	8,83751	23,1574	0,62359	0,41079	6,6349	0,66823	0	0
29.04.2019	41,0859	62,5225	0,4887	23,2206	41,0722	0,52145	8,73586	23,1574	0,63242	0,70539	6,6349	0,55623	0	0
30.04.2019	41,1474	62,5225	0,48595	23,2362	41,0722	0,52054	8,75069	23,1574	0,63113	0,57955	6,6349	0,60407	0	0
1.05.2019	41,4851	62,5225	0,47083	23,3636	41,0722	0,51312	8,81447	23,1574	0,62559	0,65648	6,6349	0,57483	0	0
2.05.2019	41,3315	62,5225	0,47771	23,3019	41,0722	0,51671	8,90576	23,1574	0,61766	0,3382	6,6349	0,69583	0	0
3.05.2019	41,4494	62,5225	0,47243	23,3305	41,0722	0,51505	8,88451	23,1574	0,61951	0,31051	6,6349	0,70636	0	0
4.05.2019	41,47	62,5225	0,47151	23,3073	41,0722	0,5164	8,7912	23,1574	0,62761	0,48242	6,6349	0,641	0	0
5.05.2019	41,482	62,5225	0,47097	23,4089	41,0722	0,51048	8,86013	23,1574	0,62163	0,51262	6,6349	0,62952	0	0
6.05.2019	41,8024	62,5225	0,45663	23,2754	41,0722	0,51825	8,72182	23,1574	0,63364	0,63255	6,6349	0,58393	0	0
7.05.2019	42,1483	62,5225	0,44115	23,5622	41,0722	0,50156	8,82194	23,1574	0,62494	0,98753	6,6349	0,44897	0	0
8.05.2019	42,2906	62,5225	0,43478	23,6443	41,0722	0,49678	8,87159	23,1574	0,62063	1,11611	6,6349	0,40008	0	0
9.05.2019	42,6783	62,5225	0,41743	23,9691	41,0722	0,47787	9,02185	23,1574	0,60758	1,68207	6,6349	0,19497	0	0
10.05.2019	42,7417	62,5225	0,41459	23,9644	41,0722	0,47815	9,04654	23,1574	0,60543	1,48864	6,6349	0,25846	0	0
11.05.2019	42,4189	62,5225	0,42904	23,5901	41,0722	0,49994	8,85659	23,1574	0,62193	1,00277	6,6349	0,44317	0	0

12.05.2019	42,6689	62,5225	0,41785	23,7945	41,0722	0,48804	8,92591	23,1574	0,61591	1,20135	6,6349	0,36768	0	0
13.05.2019	42,0116	62,5225	0,44727	23,0021	41,0722	0,53416	8,7287	23,1574	0,63304	0,59284	6,6349	0,59902	0	0
14.05.2019	41,7421	62,5225	0,45933	22,7426	41,0722	0,54927	8,62478	23,1574	0,64207	0,49323	6,6349	0,63689	0	0
15.05.2019	40,0145	62,5225	0,53665	21,7946	41,0722	0,60445	8,49194	23,1574	0,65361	0,00717	6,6349	0,93241	0	0
16.05.2019	39,4444	62,5225	0,56217	21,7249	41,0722	0,60851	8,43195	23,1574	0,65882	0,00062	6,6349	0,9797	0	0
17.05.2019	41,4763	62,5225	0,47123	22,3563	41,0722	0,57176	8,47157	23,1574	0,65538	0,15027	6,6349	0,76728	0	0
18.05.2019	44,9401	62,5225	0,3162	22,1016	41,0722	0,58658	8,7801	23,1574	0,62858	0,00881	6,6349	0,92537	0	0
19.05.2019	42,0261	62,5225	0,44662	22,2617	41,0722	0,57726	8,96969	23,1574	0,61211	0,1396	6,6349	0,77134	0	0
20.05.2019	42,8903	62,5225	0,40794	22,1878	41,0722	0,58157	8,89623	23,1574	0,61849	0,05529	6,6349	0,81456	0	0
21.05.2019	48,2918	62,5225	0,17765	22,857	41,0722	0,54261	9,46549	23,1574	0,56904	0,41311	6,6349	0,66735	0	0
22.05.2019	47,7541	62,5225	0,19356	22,5872	41,0722	0,55832	9,03567	23,1574	0,60638	0,10212	6,6349	0,78559	0	0
23.05.2019	47,2853	62,5225	0,21124	22,3285	41,0722	0,57338	9,10037	23,1574	0,60076	0,12485	6,6349	0,77694	0	0
24.05.2019	49,5042	62,5225	0,14573	23,141	41,0722	0,52608	9,83646	23,1574	0,53681	0,50986	6,6349	0,63057	0	0
25.05.2019	50,6851	62,5225	0,11919	23,6455	41,0722	0,49671	10,1511	23,1574	0,50948	0,71366	6,6349	0,55309	0	0
26.05.2019	47,9043	62,5225	0,18911	23,0219	41,0722	0,53301	9,56478	23,1574	0,56041	0,4138	6,6349	0,66709	0	0
27.05.2019	46,6385	62,5225	0,24018	23,0331	41,0722	0,53236	9,71277	23,1574	0,54756	0,49147	6,6349	0,63756	0	0
28.05.2019	46,1269	62,5225	0,26308	22,6554	41,0722	0,55434	9,27144	23,1574	0,58589	0,22621	6,6349	0,73841	0	0
29.05.2019	46,2498	62,5225	0,25758	22,7215	41,0722	0,5505	9,37983	23,1574	0,57648	0,25271	6,6349	0,72833	0	0
30.05.2019	45,4677	62,5225	0,29258	22,0934	41,0722	0,58706	8,78134	23,1574	0,62847	0,0004	6,6349	0,98325	0	0
31.05.2019	45,1732	62,5225	0,30577	22,4288	41,0722	0,56753	9,01222	23,1574	0,60841	0,05754	6,6349	0,81088	0	0
1.06.2019	44,7864	62,5225	0,32308	22,2453	41,0722	0,57821	9,09633	23,1574	0,60111	0,0811	6,6349	0,79357	0	0
2.06.2019	44,2574	62,5225	0,34675	22,3741	41,0722	0,57072	9,15108	23,1574	0,59635	0,12179	6,6349	0,77811	0	0
3.06.2019	43,4505	62,5225	0,38287	22,0791	41,0722	0,58789	8,72999	23,1574	0,63293	0,02964	6,6349	0,86388	0	0
4.06.2019	43,252	62,5225	0,39175	22,172	41,0722	0,58248	8,74255	23,1574	0,63184	0,35419	6,6349	0,68975	0	0
5.06.2019	44,1311	62,5225	0,35241	22,1321	41,0722	0,58481	8,74042	23,1574	0,63202	0,14558	6,6349	0,76906	0	0
6.06.2019	44,254	62,5225	0,34691	22,0649	41,0722	0,58872	8,74542	23,1574	0,63159	0,13448	6,6349	0,77328	0	0
7.06.2019	44,5957	62,5225	0,33161	22,4075	41,0722	0,56878	8,7772	23,1574	0,62883	0,12485	6,6349	0,77694	0	0
8.06.2019	44,7998	62,5225	0,32248	22,4278	41,0722	0,5676	8,86216	23,1574	0,62145	0,13764	6,6349	0,77208	0	0
9.06.2019	45,3961	62,5225	0,29579	22,7055	41,0722	0,55143	9,00937	23,1574	0,60866	0,48707	6,6349	0,63923	0	0
10.06.2019	45,1881	62,5225	0,3051	22,4358	41,0722	0,56713	8,89684	23,1574	0,61844	0,21139	6,6349	0,74404	0	0
11.06.2019	44,8053	62,5225	0,32223	22,2709	41,0722	0,57672	8,75008	23,1574	0,63119	0,19289	6,6349	0,75108	0	0
12.06.2019	45,1284	62,5225	0,30777	22,5155	41,0722	0,56249	8,81389	23,1574	0,62564	0,00028	6,6349	0,98577	0	0
13.06.2019	44,6889	62,5225	0,32744	22,9798	41,0722	0,53546	8,90918	23,1574	0,61736	0,01389	6,6349	0,90612	0	0
14.06.2019	45,6629	62,5225	0,28385	23,4412	41,0722	0,5086	8,74524	23,1574	0,63161	0,31517	6,6349	0,70459	0	0
15.06.2019	44,6049	62,5225	0,3312	23,7324	41,0722	0,49166	8,75296	23,1574	0,63094	0,42005	6,6349	0,66471	0	0
16.06.2019	45,1003	62,5225	0,30903	23,7582	41,0722	0,49015	8,74982	23,1574	0,63121	0,54413	6,6349	0,61754	0	0
17.06.2019	45,5519	62,5225	0,28882	24,0576	41,0722	0,47272	8,96596	23,1574	0,61243	0,28452	6,6349	0,71624	0	0
18.06.2019	42,8951	62,5225	0,40772	24,1773	41,0722	0,46575	9,09326	23,1574	0,60137	0,34015	6,6349	0,69509	0	0
19.06.2019	41,9435	62,5225	0,45032	24,0305	41,0722	0,4743	9,1333	23,1574	0,59789	0,29176	6,6349	0,71349	0	0
20.06.2019	44,747	62,5225	0,32484	24,5216	41,0722	0,44571	9,35542	23,1574	0,5786	0,06359	6,6349	0,801	0	0

21.06.2019	43,7133	62,5225	0,3711	24,9036	41,0722	0,42347	9,89199	23,1574	0,53199	0,0002	6,6349	0,99024	0	0
22.06.2019	42,2709	62,5225	0,43566	24,473	41,0722	0,44854	9,58858	23,1574	0,55834	0,03091	6,6349	0,86102	0	0
23.06.2019	43,5072	62,5225	0,38033	24,5296	41,0722	0,44525	9,39602	23,1574	0,57507	0,09459	6,6349	0,78845	0	0
24.06.2019	42,9949	62,5225	0,40326	24,5139	41,0722	0,44616	9,307	23,1574	0,58281	0,08121	6,6349	0,79353	0	0
25.06.2019	43,7859	62,5225	0,36786	24,3666	41,0722	0,45473	9,14118	23,1574	0,59721	0,27656	6,6349	0,71926	0	0
26.06.2019	46,8018	62,5225	0,23287	24,1864	41,0722	0,46523	8,96953	23,1574	0,61212	0,23347	6,6349	0,73565	0	0
27.06.2019	46,1779	62,5225	0,2608	24,1513	41,0722	0,46727	9,00393	23,1574	0,60913	0,56818	6,6349	0,6084	0	0
28.06.2019	46,2493	62,5225	0,2576	24,1891	41,0722	0,46507	8,92086	23,1574	0,61635	0,48938	6,6349	0,63836	0	0
29.06.2019	46,6057	62,5225	0,24165	24,2738	41,0722	0,46014	8,91119	23,1574	0,61719	0,33007	6,6349	0,69892	0	0
30.06.2019	46,7623	62,5225	0,23464	24,4049	41,0722	0,45251	8,96753	23,1574	0,6123	0,91898	6,6349	0,47503	0	0
1.07.2019	46,5035	62,5225	0,24622	24,5747	41,0722	0,44262	9,06524	23,1574	0,60381	0,93277	6,6349	0,46979	0	0
2.07.2019	46,7598	62,5225	0,23476	24,5379	41,0722	0,44477	9,01205	23,1574	0,60843	1,20145	6,6349	0,36764	0	0
3.07.2019	47,7721	62,5225	0,19302	24,5733	41,0722	0,44271	8,95671	23,1574	0,61324	1,0132	6,6349	0,43921	0	0
4.07.2019	47,083	62,5225	0,22029	24,7682	41,0722	0,43136	9,09063	23,1574	0,6016	0,98572	6,6349	0,44966	0	0
5.07.2019	47,2662	62,5225	0,21209	24,8252	41,0722	0,42804	9,10579	23,1574	0,60028	1,09312	6,6349	0,40883	0	0
6.07.2019	45,6589	62,5225	0,28402	24,9193	41,0722	0,42256	9,18817	23,1574	0,59313	1,24888	6,6349	0,34961	0	0
7.07.2019	48,4164	62,5225	0,17407	24,9465	41,0722	0,42098	9,13335	23,1574	0,59789	1,04628	6,6349	0,42663	0	0
8.07.2019	46,1022	62,5225	0,26419	24,9313	41,0722	0,42187	9,24661	23,1574	0,58805	1,07434	6,6349	0,41597	0	0
9.07.2019	46,2077	62,5225	0,25947	24,9759	41,0722	0,41927	9,26467	23,1574	0,58648	1,28919	6,6349	0,33428	0	0
10.07.2019	47,0574	62,5225	0,22143	25,1648	41,0722	0,40828	9,62374	23,1574	0,55529	1,70633	6,6349	0,1919	0	0
11.07.2019	48,5769	62,5225	0,1698	25,526	41,0722	0,38725	9,78398	23,1574	0,54137	2,11783	6,6349	0,14595	0	0
12.07.2019	47,4758	62,5225	0,20271	25,6073	41,0722	0,38251	9,90758	23,1574	0,53063	1,71339	6,6349	0,191	0	0
13.07.2019	46,7631	62,5225	0,23461	25,6137	41,0722	0,38214	9,96934	23,1574	0,52527	1,85832	6,6349	0,17299	0	0
14.07.2019	48,8168	62,5225	0,16341	26,0701	41,0722	0,35557	10,0751	23,1574	0,51608	2,32155	6,6349	0,12784	0	0
15.07.2019	49,0338	62,5225	0,15764	25,8126	41,0722	0,37057	10,0593	23,1574	0,51745	2,46905	6,6349	0,11679	0	0
16.07.2019	49,4529	62,5225	0,14693	25,9052	41,0722	0,36517	9,96298	23,1574	0,52582	2,87656	6,6349	0,08988	0	0
17.07.2019	47,9961	62,5225	0,1864	26,0299	41,0722	0,35792	10,1879	23,1574	0,50628	2,73373	6,6349	0,09828	0	0
18.07.2019	49,7924	62,5225	0,13901	26,4254	41,0722	0,3349	10,1583	23,1574	0,50886	2,47468	6,6349	0,11639	0	0
19.07.2019	48,1947	62,5225	0,18052	26,1331	41,0722	0,35191	10,0825	23,1574	0,51544	2,53865	6,6349	0,11185	0	0
20.07.2019	48,5938	62,5225	0,16935	26,2947	41,0722	0,3425	10,1002	23,1574	0,5139	2,19658	6,6349	0,13895	0	0
21.07.2019	50,5571	62,5225	0,12173	26,4081	41,0722	0,3359	10,0613	23,1574	0,51728	2,18428	6,6349	0,14004	0	0
22.07.2019	49,6	62,5225	0,14349	26,6004	41,0722	0,32471	10,2659	23,1574	0,49951	2,34253	6,6349	0,12598	0	0
23.07.2019	49,434	62,5225	0,14737	26,6443	41,0722	0,32215	10,3382	23,1574	0,49323	2,61857	6,6349	0,10617	0	0
24.07.2019	49,7794	62,5225	0,13931	26,6376	41,0722	0,32254	10,3256	23,1574	0,49432	2,7084	6,6349	0,09982	0	0
25.07.2019	49,7861	62,5225	0,13915	26,6214	41,0722	0,32348	10,3558	23,1574	0,49169	2,73994	6,6349	0,0979	0	0
26.07.2019	49,8644	62,5225	0,13733	26,6211	41,0722	0,3235	10,2789	23,1574	0,49838	2,74639	6,6349	0,09751	0	0
27.07.2019	51,2993	62,5225	0,10697	26,7466	41,0722	0,3162	10,2375	23,1574	0,50197	2,86253	6,6349	0,09068	0	0
28.07.2019	51,9463	62,5225	0,09473	26,8011	41,0722	0,31302	10,165	23,1574	0,50827	2,82847	6,6349	0,09264	0	0
29.07.2019	50,6065	62,5225	0,12075	25,7275	41,0722	0,37552	9,92048	23,1574	0,52951	2,95686	6,6349	0,08553	0	0
30.07.2019	50,366	62,5225	0,12563	25,6885	41,0722	0,37779	9,95675	23,1574	0,52636	2,99778	6,6349	0,08341	0	0

31.07.2019	49,9772	62,5225	0,1347	25,4024	41,0722	0,39444	10,03	23,1574	0,52	2,94155	6,6349	0,08636	0	0
1.08.2019	49,5417	62,5225	0,14485	25,6849	41,0722	0,378	10,2425	23,1574	0,50154	2,85498	6,6349	0,09112	0	0
2.08.2019	49,7783	62,5225	0,13933	25,4636	41,0722	0,39088	10,0791	23,1574	0,51573	2,9548	6,6349	0,08564	0	0
3.08.2019	49,6771	62,5225	0,1417	25,1648	41,0722	0,40827	9,99433	23,1574	0,5231	2,99035	6,6349	0,08379	0	0
4.08.2019	49,4822	62,5225	0,14624	24,7508	41,0722	0,43237	9,88948	23,1574	0,5322	3,03317	6,6349	0,08161	0	0
5.08.2019	49,4792	62,5225	0,14631	24,8151	41,0722	0,42863	9,97139	23,1574	0,52509	3,01595	6,6349	0,08249	0	0
6.08.2019	49,8259	62,5225	0,13822	25,0695	41,0722	0,41382	10,0295	23,1574	0,52004	3,05098	6,6349	0,08071	0	0
7.08.2019	49,32	62,5225	0,15003	25,2334	41,0722	0,40428	10,4811	23,1574	0,48081	2,87503	6,6349	0,08997	0	0
8.08.2019	48,9467	62,5225	0,15996	25,5983	41,0722	0,38304	10,8705	23,1574	0,44699	2,68413	6,6349	0,10152	0	0
9.08.2019	49,2978	62,5225	0,15062	25,3609	41,0722	0,39686	10,7256	23,1574	0,45957	2,93974	6,6349	0,08646	0	0
10.08.2019	49,9065	62,5225	0,13634	25,8411	41,0722	0,36891	10,8662	23,1574	0,44736	2,99734	6,6349	0,08344	0	0
11.08.2019	49,5192	62,5225	0,14538	25,61	41,0722	0,38236	10,7512	23,1574	0,45735	2,93231	6,6349	0,08686	0	0
12.08.2019	49,44	62,5225	0,14723	25,5748	41,0722	0,38441	10,745	23,1574	0,45788	2,95306	6,6349	0,08573	0	0
13.08.2019	49,7614	62,5225	0,13973	25,6134	41,0722	0,38216	10,7028	23,1574	0,46155	3,07765	6,6349	0,07939	0	0
14.08.2019	50,6897	62,5225	0,1191	25,7412	41,0722	0,37472	10,6014	23,1574	0,47036	3,33636	6,6349	0,06781	0	0
15.08.2019	50,7381	62,5225	0,11813	25,9072	41,0722	0,36506	10,7528	23,1574	0,45721	3,26585	6,6349	0,07076	0	0
16.08.2019	50,8234	62,5225	0,11644	25,8977	41,0722	0,36561	10,656	23,1574	0,46562	3,29946	6,6349	0,06933	0	0
17.08.2019	50,695	62,5225	0,11899	25,662	41,0722	0,37933	10,5303	23,1574	0,47654	3,32225	6,6349	0,06839	0	0
18.08.2019	50,7538	62,5225	0,11782	25,7672	41,0722	0,37321	10,6419	23,1574	0,46685	3,30788	6,6349	0,06898	0	0
19.08.2019	50,4882	62,5225	0,1231	25,7772	41,0722	0,37263	10,7216	23,1574	0,45992	3,27206	6,6349	0,07048	0	0
20.08.2019	50,5153	62,5225	0,12257	25,7503	41,0722	0,37419	10,6412	23,1574	0,46691	3,34384	6,6349	0,06751	0	0
21.08.2019	50,9226	62,5225	0,11446	25,7724	41,0722	0,3729	10,4865	23,1574	0,48034	3,41453	6,6349	0,06464	0	0
22.08.2019	50,8324	62,5225	0,11626	25,7609	41,0722	0,37358	10,4697	23,1574	0,4818	3,42353	6,6349	0,0643	0	0
23.08.2019	51,1028	62,5225	0,11088	25,8952	41,0722	0,36576	10,4698	23,1574	0,48179	3,42843	6,6349	0,06412	0	0
24.08.2019	51,1954	62,5225	0,10904	25,7923	41,0722	0,37175	10,3728	23,1574	0,49022	3,43894	6,6349	0,06372	0	0
25.08.2019	51,4533	62,5225	0,10391	25,9686	41,0722	0,36148	10,3708	23,1574	0,49039	3,44045	6,6349	0,06366	0	0
26.08.2019	51,5789	62,5225	0,10141	25,9414	41,0722	0,36307	10,3527	23,1574	0,49196	3,44974	6,6349	0,06331	0	0
27.08.2019	51,6063	62,5225	0,10087	25,9134	41,0722	0,3647	10,3172	23,1574	0,49505	3,42904	6,6349	0,06409	0	0
28.08.2019	51,0756	62,5225	0,11142	25,3995	41,0722	0,39461	9,89495	23,1574	0,53173	3,14133	6,6349	0,07637	0	0
29.08.2019	51,1549	62,5225	0,10984	25,2154	41,0722	0,40533	9,54051	23,1574	0,56252	2,82108	6,6349	0,09307	0	0
30.08.2019	51,1848	62,5225	0,10925	25,3394	41,0722	0,39811	9,56629	23,1574	0,56028	2,89327	6,6349	0,08898	0	0
31.08.2019	51,6084	62,5225	0,10082	25,364	41,0722	0,39668	9,41675	23,1574	0,57327	2,69819	6,6349	0,10052	0	0
1.09.2019	51,3149	62,5225	0,10666	24,9967	41,0722	0,41806	9,31232	23,1574	0,58234	2,7154	6,6349	0,0994	0	0
2.09.2019	51,2718	62,5225	0,10752	25,1398	41,0722	0,40973	9,64225	23,1574	0,55368	3,04481	6,6349	0,08102	0	0
3.09.2019	51,0246	62,5225	0,11243	24,625	41,0722	0,43969	9,49578	23,1574	0,56641	2,93857	6,6349	0,08652	0	0
4.09.2019	51,3432	62,5225	0,1061	24,7086	41,0722	0,43483	9,50301	23,1574	0,56578	2,82297	6,6349	0,09296	0	0
5.09.2019	51,3895	62,5225	0,10518	24,9678	41,0722	0,41974	9,76243	23,1574	0,54324	3,03941	6,6349	0,0813	0	0
6.09.2019	51,4981	62,5225	0,10302	25,0022	41,0722	0,41774	9,77091	23,1574	0,54251	2,89865	6,6349	0,08868	0	0
7.09.2019	51,594	62,5225	0,10111	25,1573	41,0722	0,40871	9,61868	23,1574	0,55573	2,94521	6,6349	0,08616	0	0
8.09.2019	51,2045	62,5225	0,10886	24,7047	41,0722	0,43506	9,26351	23,1574	0,58658	2,87641	6,6349	0,08989	0	0

8.09.2019	51,2045	62,5225	0,10886	24,7047	41,0722	0,43506	9,26351	23,1574	0,58658	2,87641	6,6349	0,08989	0	0
9.09.2019	51,0836	62,5225	0,11126	24,4858	41,0722	0,4478	9,2352	23,1574	0,58904	2,78415	6,6349	0,0952	0	0
10.09.2019	51,2013	62,5225	0,10892	24,5055	41,0722	0,44665	9,24031	23,1574	0,5886	2,67467	6,6349	0,10219	0	0
11.09.2019	51,0082	62,5225	0,11276	23,9384	41,0722	0,47966	8,97038	23,1574	0,61205	2,3788	6,6349	0,1232	0	0
12.09.2019	50,7533	62,5225	0,11783	23,5851	41,0722	0,50023	8,90624	23,1574	0,61762	2,33992	6,6349	0,12621	0	0
13.09.2019	50,828	62,5225	0,11635	23,6163	41,0722	0,49841	8,92055	23,1574	0,61638	2,34702	6,6349	0,12558	0	0
14.09.2019	50,9702	62,5225	0,11352	23,7151	41,0722	0,49266	9,03511	23,1574	0,60642	2,43446	6,6349	0,11925	0	0
15.09.2019	50,8215	62,5225	0,11647	23,4567	41,0722	0,5077	8,95572	23,1574	0,61332	2,23078	6,6349	0,13591	0	0
16.09.2019	51,4613	62,5225	0,10375	24,0233	41,0722	0,47472	9,12938	23,1574	0,59824	2,31655	6,6349	0,12829	0	0
17.09.2019	51,6154	62,5225	0,10068	24,1735	41,0722	0,46598	9,28641	23,1574	0,58459	2,56298	6,6349	0,11012	0	0
18.09.2019	51,8948	62,5225	0,09563	24,4896	41,0722	0,44758	9,49158	23,1574	0,56677	2,82648	6,6349	0,09276	0	0
19.09.2019	51,7757	62,5225	0,09776	24,4062	41,0722	0,45243	9,31512	23,1574	0,5821	2,60234	6,6349	0,10733	0	0
20.09.2019	52,0996	62,5225	0,09211	24,5637	41,0722	0,44327	9,3136	23,1574	0,58223	2,60674	6,6349	0,10701	0	0
21.09.2019	52,3582	62,5225	0,0878	24,6521	41,0722	0,43812	9,30196	23,1574	0,58324	2,59848	6,6349	0,1076	0	0
22.09.2019	52,1602	62,5225	0,09108	24,4501	41,0722	0,44988	9,11598	23,1574	0,5994	2,33412	6,6349	0,12672	0	0
23.09.2019	52,5001	62,5225	0,08548	24,7054	41,0722	0,43502	9,08479	23,1574	0,60211	2,27392	6,6349	0,13208	0	0
24.09.2019	53,0402	62,5225	0,07722	25,3823	41,0722	0,39561	8,96943	23,1574	0,61213	1,86171	6,6349	0,17262	0	0
25.09.2019	52,9335	62,5225	0,07879	25,0674	41,0722	0,41394	8,78119	23,1574	0,62848	1,65494	6,6349	0,19841	0	0
26.09.2019	53,1347	62,5225	0,07582	25,1931	41,0722	0,40663	8,75614	23,1574	0,63066	1,46572	6,6349	0,26717	0	0
27.09.2019	53,2779	62,5225	0,07378	25,263	41,0722	0,40256	8,81883	23,1574	0,62521	1,5403	6,6349	0,23882	0	0
28.09.2019	53,326	62,5225	0,0731	25,2431	41,0722	0,40372	8,82545	23,1574	0,62464	1,52103	6,6349	0,24614	0	0
29.09.2019	53,2471	62,5225	0,07421	25,1286	41,0722	0,41038	8,7299	23,1574	0,63294	1,3795	6,6349	0,29995	0	0
30.09.2019	53,4158	62,5225	0,07185	25,2441	41,0722	0,40366	8,82204	23,1574	0,62493	1,50966	6,6349	0,25047	0	0
1.10.2019	53,3309	62,5225	0,07304	25,1088	41,0722	0,41153	8,7816	23,1574	0,62845	1,47378	6,6349	0,2641	0	0
2.10.2019	53,4723	62,5225	0,07106	25,1985	41,0722	0,40631	8,82638	23,1574	0,62456	1,51696	6,6349	0,24769	0	0
3.10.2019	53,4958	62,5225	0,07073	25,1712	41,0722	0,4079	8,78879	23,1574	0,62782	1,4632	6,6349	0,26813	0	0
4.10.2019	53,6361	62,5225	0,06885	25,2629	41,0722	0,40256	8,80948	23,1574	0,62603	1,48402	6,6349	0,26021	0	0
5.10.2019	53,7185	62,5225	0,06777	25,3015	41,0722	0,40032	8,79078	23,1574	0,62765	1,4382	6,6349	0,27763	0	0
6.10.2019	53,7057	62,5225	0,06793	25,2343	41,0722	0,40423	8,6949	23,1574	0,63598	1,25676	6,6349	0,34661	0	0
7.10.2019	53,8103	62,5225	0,06656	25,3356	41,0722	0,39833	8,85742	23,1574	0,62186	1,49866	6,6349	0,25465	0	0
8.10.2019	53,7773	62,5225	0,06699	25,249	41,0722	0,40337	8,82242	23,1574	0,6249	1,45417	6,6349	0,27156	0	0
9.10.2019	53,9214	62,5225	0,0651	25,5255	41,0722	0,38728	9,16192	23,1574	0,59541	1,88642	6,6349	0,16997	0	0
10.10.2019	53,855	62,5225	0,06597	25,4247	41,0722	0,39314	9,12286	23,1574	0,5988	1,80728	6,6349	0,1791	0	0
11.10.2019	53,9299	62,5225	0,06499	25,3271	41,0722	0,39883	8,99171	23,1574	0,61019	1,61977	6,6349	0,2086	0	0
12.10.2019	54,2042	62,5225	0,06163	25,586	41,0722	0,38376	9,1807	23,1574	0,59378	1,80953	6,6349	0,17881	0	0
13.10.2019	54,1262	62,5225	0,06258	25,6915	41,0722	0,37762	9,32884	23,1574	0,58091	1,95899	6,6349	0,16217	0	0
14.10.2019	54,1916	62,5225	0,06178	25,7146	41,0722	0,37627	9,34309	23,1574	0,57967	1,98746	6,6349	0,15911	0	0
15.10.2019	54,2982	62,5225	0,06047	25,7986	41,0722	0,37138	9,38461	23,1574	0,57606	1,99908	6,6349	0,15787	0	0
16.10.2019	54,5583	62,5225	0,05746	25,8919	41,0722	0,36595	9,35034	23,1574	0,57904	1,92581	6,6349	0,16574	0	0
17.10.2019	54,5685	62,5225	0,05735	25,9376	41,0722	0,36329	9,43887	23,1574	0,57135	2,0408	6,6349	0,15338	0	0
18.10.2019	54,6768	62,5225	0,0561	25,9716	41,0722	0,36131	9,44381	23,1574	0,57092	2,00575	6,6349	0,15715	0	0

18.10.2019	54,6768	62,5225	0,0561	25,9716	41,0722	0,36131	9,44381	23,1574	0,57092	2,00575	6,6349	0,15715	0	0
19.10.2019	54,8644	62,5225	0,05404	26,0355	41,0722	0,35759	9,47008	23,1574	0,56864	2,02456	6,6349	0,15513	0	0
20.10.2019	55,136	62,5225	0,05116	26,1946	41,0722	0,34833	9,58886	23,1574	0,55832	2,15576	6,6349	0,14258	0	0
21.10.2019	55,2294	62,5225	0,05017	26,2407	41,0722	0,34565	9,60041	23,1574	0,55732	2,17693	6,6349	0,1407	0	0
22.10.2019	55,2738	62,5225	0,04973	26,2262	41,0722	0,34649	9,58932	23,1574	0,55828	2,12987	6,6349	0,14488	1	0
23.10.2019	55,045	62,5225	0,05212	26,053	41,0722	0,35657	9,38504	23,1574	0,57603	1,78066	6,6349	0,18247	0	0
24.10.2019	55,0239	62,5225	0,05235	26,0802	41,0722	0,35499	9,44475	23,1574	0,57084	1,86654	6,6349	0,17211	0	0
25.10.2019	55,0042	62,5225	0,05256	25,8892	41,0722	0,36611	9,53003	23,1574	0,56343	2,04103	6,6349	0,15336	0	0
26.10.2019	55,0813	62,5225	0,05174	25,9581	41,0722	0,3621	9,61245	23,1574	0,55627	2,16408	6,6349	0,14184	0	0
27.10.2019	55,0231	62,5225	0,05236	25,8354	41,0722	0,36924	9,60291	23,1574	0,5571	2,19517	6,6349	0,13908	0	0
28.10.2019	54,8642	62,5225	0,05404	25,5848	41,0722	0,38382	9,62635	23,1574	0,55506	2,24999	6,6349	0,1342	0	0
29.10.2019	54,9887	62,5225	0,05272	25,6743	41,0722	0,37861	9,74241	23,1574	0,54498	2,36875	6,6349	0,12392	0	0
30.10.2019	54,9107	62,5225	0,05355	25,5321	41,0722	0,38689	9,62916	23,1574	0,55482	2,22409	6,6349	0,13651	0	0
31.10.2019	55,0362	62,5225	0,05222	25,6162	41,0722	0,382	9,64341	23,1574	0,55358	2,25254	6,6349	0,13398	0	0
1.11.2019	55,0272	62,5225	0,05231	25,5474	41,0722	0,386	9,61027	23,1574	0,55646	2,23008	6,6349	0,13597	0	0
2.11.2019	54,8733	62,5225	0,05394	25,375	41,0722	0,39604	9,57452	23,1574	0,55957	2,24536	6,6349	0,13461	0	0
3.11.2019	55,1237	62,5225	0,05129	25,5811	41,0722	0,38404	9,66997	23,1574	0,55127	2,28425	6,6349	0,13116	0	0
4.11.2019	55,4911	62,5225	0,04763	25,8554	41,0722	0,36807	9,81005	23,1574	0,5391	2,42448	6,6349	0,11996	1	0
5.11.2019	55,6609	62,5225	0,04599	25,995	41,0722	0,35995	9,85231	23,1574	0,53543	2,47071	6,6349	0,11668	1	0
6.11.2019	55,9756	62,5225	0,04314	26,2493	41,0722	0,34514	9,95068	23,1574	0,52689	2,5216	6,6349	0,11306	1	0
7.11.2019	55,7517	62,5225	0,04511	26,3951	41,0722	0,33666	9,99658	23,1574	0,5229	2,60341	6,6349	0,10725	1	0
8.11.2019	56,1314	62,5225	0,04177	26,4813	41,0722	0,33164	10,0134	23,1574	0,52144	2,45644	6,6349	0,11769	1	0
9.11.2019	36,2749	62,5225	0,70402	18,2956	41,0722	0,80748	9,24469	23,1574	0,58822	0,23349	6,6349	0,73564	0	0
10.11.2019	37,3358	62,5225	0,65654	19,1151	41,0722	0,76042	9,05166	23,1574	0,60499	0,16863	6,6349	0,7603	0	0
11.11.2019	272,37	62,5225	0,001	26,8651	41,0722	0,3093	9,64676	23,1574	0,55329	2,06727	6,6349	0,15054	1	1
12.11.2019	272,83	62,5225	0,001	26,9846	41,0722	0,30234	9,74011	23,1574	0,54518	2,17817	6,6349	0,14059	1	1
13.11.2019	273,259	62,5225	0,001	27,0505	41,0722	0,29851	9,79174	23,1574	0,5407	2,23696	6,6349	0,13536	1	1
14.11.2019	273,663	62,5225	0,001	27,09	41,0722	0,29621	9,79453	23,1574	0,54045	2,24087	6,6349	0,13501	1	1

Trace Test Stat																			
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8		Lag Length
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	
7.09.2018	375,466	0,001	244,156	0,001	119,312	0,01527	65,9493	0,49684	38,5325	0,76772	20,6233	0,87305	7,91306	0,95395	2,41745	0,91365	0,82648	0,55465	2
8.09.2018	376,259	0,001	244,561	0,001	119,243	0,01547	65,9904	0,49541	38,5238	0,76809	20,6019	0,87393	7,87138	0,95531	2,40735	0,91466	0,80481	0,56191	2
9.09.2018	376,96	0,001	244,955	0,001	119,423	0,01496	66,2255	0,48719	38,6917	0,76099	20,7196	0,86909	7,96124	0,95235	2,4238	0,91302	0,80867	0,56062	2
10.09.2018	377,857	0,001	245,576	0,001	119,653	0,01447	66,4322	0,47996	38,8295	0,75516	20,7612	0,86738	7,97833	0,95179	2,41508	0,91389	0,78263	0,56935	2
11.09.2018	378,683	0,001	245,911	0,001	119,682	0,01441	66,5063	0,47737	38,8961	0,75235	20,7542	0,86767	8,03659	0,94985	2,40287	0,91511	0,77848	0,57075	2
12.09.2018	378,914	0,001	245,91	0,001	119,282	0,01536	66,447	0,47944	38,7901	0,75683	20,7204	0,86906	7,99328	0,95129	2,4183	0,91357	0,77897	0,57058	2
13.09.2018	379,452	0,001	246,408	0,001	119,459	0,01488	66,6825	0,4712	38,8693	0,75348	20,8173	0,86508	8,0275	0,95016	2,4196	0,91344	0,7617	0,57637	2
14.09.2018	380,325	0,001	247	0,001	119,76	0,01424	66,9165	0,46302	39,0238	0,74695	20,9059	0,86144	7,97995	0,95173	2,32348	0,92279	0,71376	0,59245	2
15.09.2018	380,382	0,001	247,17	0,001	119,862	0,01402	67,0287	0,4591	39,0586	0,74548	20,9493	0,85966	7,97019	0,95206	2,3378	0,92143	0,70452	0,59555	2
16.09.2018	381,247	0,001	247,605	0,001	120,194	0,01331	67,379	0,44685	39,3319	0,73392	21,0585	0,85517	8,07198	0,9486	2,4026	0,91514	0,76354	0,57576	2
17.09.2018	382,083	0,001	247,963	0,001	120,078	0,01356	67,3617	0,44745	39,2706	0,73652	20,9978	0,85766	7,9928	0,95131	2,40353	0,91505	0,75395	0,57898	2
18.09.2018	382,608	0,001	248,13	0,001	119,904	0,01393	67,5294	0,44159	39,3398	0,73359	21,0913	0,85382	8,01731	0,9505	2,44646	0,91075	0,77803	0,5709	2
19.09.2018	383,265	0,001	248,463	0,001	119,901	0,01394	67,6988	0,43566	39,4277	0,72988	21,1626	0,85089	8,05881	0,94906	2,43627	0,91177	0,7704	0,57346	2
20.09.2018	383,172	0,001	247,916	0,001	119,015	0,01613	67,8212	0,43138	39,5087	0,72645	21,3978	0,8404	8,15906	0,94552	2,42568	0,91283	0,75437	0,57883	2
21.09.2018	383,237	0,001	247,596	0,001	118,405	0,01791	67,8696	0,42969	39,595	0,7228	21,5458	0,83375	8,23338	0,94278	2,54452	0,90058	0,85981	0,54347	2
22.09.2018	382,953	0,001	247	0,001	118,133	0,01869	67,9002	0,42862	39,6092	0,7222	21,6117	0,83079	8,26566	0,94157	2,5813	0,8965	0,91159	0,5261	2
23.09.2018	386,057	0,001	248,924	0,001	118,855	0,0166	68,2763	0,41547	39,8113	0,71366	21,6616	0,82854	8,48789	0,93281	2,61871	0,89233	0,97753	0,50398	2
24.09.2018	383,314	0,001	248,238	0,001	118,407	0,0179	68,0296	0,42409	39,4884	0,72731	21,3323	0,84334	8,37498	0,93736	2,6314	0,89091	1,03694	0,48405	2
25.09.2018	381,172	0,001	245,905	0,001	117,972	0,01916	68,2348	0,41692	39,618	0,72183	21,5253	0,83467	8,35225	0,93825	2,61986	0,8922	1,03885	0,48341	2
26.09.2018	379,344	0,001	243,936	0,001	117,695	0,01997	67,8405	0,43071	39,1538	0,74146	21,2709	0,8461	8,23448	0,94274	2,58279	0,89634	0,97433	0,50505	2
27.09.2018	380,638	0,001	244,784	0,001	118,213	0,01846	68,0986	0,42168	39,3535	0,73301	21,335	0,84322	8,3066	0,94004	2,54625	0,90039	0,93787	0,51728	2
28.09.2018	379,983	0,001	243,987	0,001	118,183	0,01855	68,0936	0,42186	39,2886	0,73576	21,2607	0,84656	8,27726	0,94114	2,54871	0,90014	0,94002	0,51656	2
29.09.2018	379,454	0,001	243,393	0,001	118,011	0,01905	68,1955	0,41829	39,337	0,73371	21,4057	0,84004	8,25824	0,94185	2,57401	0,89732	0,96142	0,50939	2
30.09.2018	380,149	0,001	243,911	0,001	118,145	0,01866	68,4056	0,41094	39,4663	0,72824	21,4575	0,83772	8,26983	0,94142	2,57828	0,89684	0,96163	0,50932	2
1.10.2018	380,294	0,001	243,884	0,001	118,148	0,01865	68,4747	0,40853	39,466	0,72826	21,4451	0,83827	8,3037	0,94015	2,60884	0,89343	0,98285	0,5022	2
2.10.2018	379,644	0,001	243,679	0,001	118,415	0,01788	68,4884	0,40805	39,4352	0,72956	21,3107	0,84431	8,21357	0,94352	2,4815	0,90716	0,87248	0,53922	2
3.10.2018	379,106	0,001	242,826	0,001	118,366	0,01802	68,6463	0,40253	39,4996	0,72684	21,346	0,84273	8,15754	0,94558	2,40468	0,91493	0,78694	0,56791	2
4.10.2018	379,411	0,001	243,033	0,001	118,61	0,01731	68,8765	0,39448	39,6416	0,72084	21,4311	0,8389	8,21377	0,94351	2,42554	0,91284	0,78973	0,56697	2
5.10.2018	379,936	0,001	243,388	0,001	118,766	0,01685	68,9153	0,39312	39,635	0,72111	21,3801	0,84119	8,14303	0,94609	2,35228	0,92006	0,71707	0,59134	2
6.10.2018	380,326	0,001	243,704	0,001	119,219	0,01554	69,1477	0,38499	39,7534	0,71611	21,4006	0,84027	8,15905	0,94552	2,35421	0,91987	0,70626	0,59497	2
7.10.2018	381,777	0,001	244,812	0,001	119,612	0,01456	69,3574	0,37766	39,8867	0,71047	21,4218	0,83932	8,14276	0,9461	2,28435	0,92645	0,6273	0,62146	2
8.10.2018	382,276	0,001	245,045	0,001	119,794	0,01417	69,4908	0,37299	39,9464	0,70795	21,4724	0,83704	8,20903	0,94369	2,36946	0,91838	0,69569	0,59852	2
9.10.2018	382,594	0,001	245,069	0,001	119,869	0,01401	69,6531	0,36732	40,0374	0,7041	21,5027	0,83568	8,23428	0,94275	2,41408	0,91399	0,73489	0,58537	2
10.10.2018	432,739	0,001	268,282	0,001	157,733	0,001	92,8253	0,00984	49,1066	0,32072	22,4617	0,7891	8,04068	0,9497	2,21303	0,9329	0,53046	0,65394	3
11.10.2018	432,3	0,001	267,42	0,001	158,067	0,001	93,2449	0,00922	49,2067	0,31649	22,4869	0,78775	7,97899	0,95177	2,22781	0,93158	0,53728	0,65165	3
12.10.2018	433,791	0,001	268,52	0,001	158,487	0,001	93,5252	0,00881	49,4785	0,305	22,6987	0,77643	8,03136	0,95003	2,19407	0,93458	0,4942	0,6661	3
13.10.2018	434,795	0,001	269,019	0,001	158,796	0,001	93,7078	0,00854	49,5747	0,30093	22,7089	0,77589	8,00871	0,95078	2,21437	0,93278	0,49786	0,66487	3

14.10.2018	435,699	0,001	269,483	0,001	159,147	0,001	93,9766	0,00814	49,7154	0,29498	22,7778	0,77221	8,02001	0,95041	2,18384	0,93547	0,45477	0,67932	3
15.10.2018	436,506	0,001	269,885	0,001	159,174	0,001	93,7787	0,00843	49,6904	0,29604	22,7497	0,77371	7,96231	0,95232	2,11604	0,94121	0,39909	0,698	3
16.10.2018	437,329	0,001	270,351	0,001	159,456	0,001	94,0322	0,00806	49,7534	0,29337	22,743	0,77407	7,96895	0,9521	2,1752	0,93621	0,44581	0,68233	3
17.10.2018	438,321	0,001	271,012	0,001	159,724	0,001	94,2287	0,00777	49,8036	0,29125	22,7067	0,77601	7,99886	0,95111	2,17904	0,93589	0,45422	0,67951	3
18.10.2018	439,206	0,001	271,539	0,001	160,039	0,001	94,3222	0,00763	49,7897	0,29184	22,659	0,77855	8,00607	0,95087	2,19317	0,93466	0,47517	0,67248	3
19.10.2018	440,064	0,001	271,925	0,001	160,289	0,001	94,4327	0,00746	49,8292	0,29017	22,6475	0,77917	7,97607	0,95186	2,19475	0,93452	0,47995	0,67088	3
20.10.2018	440,79	0,001	272,232	0,001	160,469	0,001	94,6008	0,00722	49,8476	0,28939	22,6011	0,78165	7,93341	0,95328	2,192	0,93477	0,47252	0,67337	3
21.10.2018	441,486	0,001	272,512	0,001	160,683	0,001	94,7021	0,00707	49,9072	0,28687	22,6014	0,78163	7,92147	0,95367	2,19659	0,93436	0,47255	0,67336	3
22.10.2018	442,394	0,001	273,013	0,001	160,958	0,001	94,8702	0,00682	49,9748	0,28402	22,5954	0,78195	7,91299	0,95395	2,19236	0,93474	0,4635	0,6764	3
23.10.2018	443,156	0,001	273,387	0,001	161,173	0,001	94,9259	0,00674	50,0087	0,28258	22,6065	0,78136	7,90698	0,95415	2,18762	0,93515	0,45563	0,67904	3
24.10.2018	443,9	0,001	273,734	0,001	161,483	0,001	95,0843	0,0065	50,1165	0,27802	22,6464	0,77923	7,89747	0,95447	2,19548	0,93446	0,45911	0,67787	3
25.10.2018	444,685	0,001	274,159	0,001	161,789	0,001	95,2891	0,0062	50,2436	0,27265	22,716	0,77551	7,91639	0,95384	2,19469	0,93453	0,44956	0,68107	3
26.10.2018	445,511	0,001	274,603	0,001	162,081	0,001	95,4296	0,00599	50,3725	0,2672	22,7753	0,77234	7,92942	0,95341	2,19561	0,93445	0,44241	0,68347	3
27.10.2018	446,171	0,001	274,838	0,001	162,345	0,001	95,5501	0,00581	50,4749	0,26287	22,8268	0,76959	7,92864	0,95343	2,21012	0,93316	0,44658	0,68207	3
28.10.2018	447,186	0,001	275,443	0,001	162,603	0,001	95,6787	0,00562	50,6478	0,25556	22,8946	0,76597	7,9666	0,95218	2,23197	0,93121	0,46154	0,67706	3
29.10.2018	447,871	0,001	275,702	0,001	162,864	0,001	95,8243	0,00541	50,6836	0,25405	22,8762	0,76695	7,90559	0,9542	2,23834	0,93065	0,45921	0,67784	3
30.10.2018	448,811	0,001	276,236	0,001	163,216	0,001	96,0351	0,0051	50,8153	0,24848	22,9497	0,76302	7,9392	0,95308	2,23532	0,93091	0,45199	0,68026	3
31.10.2018	449,523	0,001	276,545	0,001	163,476	0,001	96,1801	0,00496	50,8834	0,2456	22,9672	0,76209	7,94183	0,953	2,24295	0,93024	0,44953	0,68108	3
1.11.2018	450,19	0,001	276,806	0,001	163,685	0,001	96,197	0,00495	51,0009	0,24064	23,0369	0,75836	7,96174	0,95234	2,24207	0,93031	0,44768	0,6817	3
2.11.2018	451,561	0,001	277,787	0,001	164,217	0,001	96,5342	0,00476	51,1068	0,23616	23,0408	0,75816	7,99955	0,95109	2,25067	0,92953	0,44978	0,681	3
3.11.2018	452,367	0,001	278,21	0,001	164,524	0,001	96,6532	0,0047	51,0721	0,23763	22,9543	0,76277	7,93277	0,9533	2,22659	0,93169	0,42507	0,68929	3
4.11.2018	453,03	0,001	278,594	0,001	164,887	0,001	96,8593	0,00458	51,1052	0,23623	22,9222	0,76449	7,93182	0,95333	2,24342	0,93019	0,44318	0,68321	3
5.11.2018	453,653	0,001	279,048	0,001	165,185	0,001	96,9901	0,00451	51,1299	0,23518	22,9075	0,76528	7,89616	0,95451	2,21743	0,93251	0,41511	0,69263	3
6.11.2018	454,248	0,001	279,617	0,001	165,382	0,001	97,1105	0,00445	51,0868	0,23701	22,8367	0,76906	7,93286	0,95329	2,27406	0,92739	0,46604	0,67554	3
7.11.2018	454,596	0,001	279,438	0,001	165,44	0,001	97,0039	0,0045	50,9702	0,24193	22,6496	0,77906	7,78308	0,95802	2,24716	0,92986	0,44648	0,68211	3
8.11.2018	455,833	0,001	280,212	0,001	165,916	0,001	97,3084	0,00434	51,1535	0,23419	22,7756	0,77233	7,87666	0,95515	2,25562	0,92908	0,45559	0,67905	3
9.11.2018	456,91	0,001	280,874	0,001	166,29	0,001	97,4669	0,00425	51,2214	0,23132	22,7755	0,77233	7,82794	0,95664	2,23212	0,9312	0,42584	0,68903	3
10.11.2018	457,8	0,001	281,411	0,001	166,606	0,001	97,6193	0,00417	51,2696	0,22928	22,7558	0,77338	7,83897	0,9563	2,27421	0,92738	0,46604	0,67555	3
11.11.2018	458,785	0,001	282,113	0,001	166,847	0,001	97,7392	0,0041	51,2303	0,23094	22,6625	0,77837	7,87141	0,95531	2,28314	0,92656	0,47426	0,67279	3
12.11.2018	459,562	0,001	282,47	0,001	167,005	0,001	97,7332	0,0041	51,1853	0,23284	22,5695	0,78334	7,79101	0,95777	2,32187	0,92294	0,51494	0,65914	3
13.11.2018	460,148	0,001	282,634	0,001	167,104	0,001	97,6728	0,00414	51,3282	0,2268	22,634	0,77989	7,73269	0,95956	2,427	0,9127	0,62481	0,62229	3
14.11.2018	461,414	0,001	283,479	0,001	167,763	0,001	98,2295	0,00383	51,6662	0,21251	22,9039	0,76547	7,80468	0,95735	2,45832	0,90954	0,6376	0,618	3
15.11.2018	462,658	0,001	284,304	0,001	168,237	0,001	98,5725	0,00364	51,8977	0,20273	23,0507	0,75762	7,97169	0,95201	2,54322	0,90071	0,71224	0,59297	3
16.11.2018	463,727	0,001	285,063	0,001	168,705	0,001	98,8957	0,00347	52,1014	0,19609	23,1783	0,75081	8,0317	0,95002	2,60292	0,89409	0,76164	0,57639	3
17.11.2018	464,6	0,001	285,515	0,001	168,964	0,001	99,0167	0,0034	52,1322	0,19523	23,1688	0,75131	8,04501	0,94955	2,65902	0,88782	0,81012	0,56013	3
18.11.2018	465,429	0,001	285,794	0,001	168,85	0,001	98,7383	0,00355	52,1756	0,19401	23,051	0,75761	7,92673	0,9535	2,76129	0,8764	0,93588	0,51795	3
19.11.2018	466,322	0,001	286,267	0,001	169,456	0,001	99,239	0,00328	52,5548	0,18336	23,3231	0,74307	8,11788	0,94698	3,01029	0,84631	1,1588	0,44318	3
20.11.2018	465,947	0,001	285,461	0,001	169,589	0,001	99,6401	0,00306	52,8941	0,17395	23,7527	0,72011	8,30469	0,94012	3,06069	0,83989	1,16754	0,44025	3
21.11.2018	467,696	0,001	286,858	0,001	170,052	0,001	99,9558	0,00289	53,3937	0,16132	24,077	0,70278	8,4399	0,93479	3,08806	0,83641	1,19588	0,43074	3
22.11.2018	468,637	0,001	287,31	0,001	170,515	0,001	100,297	0,0027	53,6864	0,15392	24,2504	0,69352	8,39268	0,93666	3,14225	0,82951	1,19029	0,43262	3

23.11.2018	468,792	0,001	287,052	0,001	170,646	0,001	100,302	0,0027	54,1013	0,14423	24,3675	0,68726	8,46803	0,93363	3,26709	0,8131	1,29296	0,39818	3
24.11.2018	469,086	0,001	286,986	0,001	171,16	0,001	100,632	0,00252	54,307	0,13966	24,7173	0,66857	8,54219	0,93057	3,2688	0,81287	1,23783	0,41667	3
25.11.2018	469,796	0,001	287,291	0,001	171,465	0,001	100,973	0,00233	54,7807	0,12914	24,883	0,65971	8,64246	0,92627	3,32114	0,80591	1,27405	0,40452	3
26.11.2018	470,775	0,001	287,93	0,001	172,093	0,001	101,338	0,00213	55,0053	0,12427	25,0711	0,64966	8,68121	0,92459	3,33617	0,8039	1,24358	0,41474	3
27.11.2018	470,823	0,001	287,586	0,001	172,424	0,001	101,568	0,002	54,9433	0,12553	25,205	0,64251	8,69099	0,92415	3,28578	0,81061	1,19477	0,43111	3
28.11.2018	472,29	0,001	288,702	0,001	172,823	0,001	101,887	0,00183	55,174	0,12107	25,2168	0,64187	8,6826	0,92452	3,25236	0,81506	1,16673	0,44052	3
29.11.2018	473,688	0,001	289,619	0,001	173,291	0,001	102,12	0,0017	55,4474	0,11588	25,1989	0,64283	8,64926	0,92598	3,27477	0,81208	1,20495	0,4277	3
30.11.2018	473,901	0,001	289,409	0,001	173,376	0,001	102,068	0,00173	55,2466	0,11969	25,1634	0,64473	8,63352	0,92666	3,27363	0,81223	1,19275	0,43179	3
1.12.2018	474,461	0,001	289,565	0,001	173,354	0,001	102,183	0,00167	55,3241	0,11822	25,1592	0,64496	8,63816	0,92646	3,2531	0,81496	1,20746	0,42686	3
2.12.2018	475,45	0,001	290,122	0,001	173,715	0,001	102,34	0,00158	55,5021	0,11485	25,2146	0,642	8,63466	0,92661	3,29262	0,8097	1,24068	0,41572	3
3.12.2018	476,023	0,001	290,315	0,001	173,9	0,001	102,421	0,00154	55,5456	0,11402	25,2648	0,63931	8,5996	0,92812	3,26901	0,81285	1,21413	0,42462	3
4.12.2018	476,856	0,001	290,705	0,001	173,887	0,001	102,135	0,00169	55,6259	0,1125	25,2349	0,64091	8,46797	0,93363	3,15594	0,82777	1,17124	0,43901	3
5.12.2018	477,928	0,001	291,357	0,001	174,274	0,001	102,244	0,00163	55,9058	0,10719	25,3221	0,63625	8,44055	0,93476	3,13373	0,8306	1,16313	0,44173	3
6.12.2018	478,539	0,001	291,588	0,001	174,59	0,001	102,987	0,00123	56,3556	0,0988	25,5279	0,62525	8,56999	0,92939	3,2487	0,81555	1,19729	0,43027	3
7.12.2018	479,701	0,001	292,313	0,001	175,005	0,001	103,38	0,00101	56,5664	0,09523	25,6921	0,61648	8,68685	0,92433	3,2897	0,81009	1,17274	0,4385	3
8.12.2018	480,828	0,001	292,943	0,001	175,378	0,001	103,604	0,001	56,6973	0,09309	25,8067	0,61036	8,7542	0,92131	3,29561	0,8093	1,17241	0,43861	3
9.12.2018	482,314	0,001	293,523	0,001	175,669	0,001	103,754	0,001	56,8717	0,09025	25,8774	0,60657	8,76875	0,92065	3,3521	0,80178	1,21411	0,42463	3
10.12.2018	483,131	0,001	293,942	0,001	175,916	0,001	103,843	0,001	56,9371	0,08922	25,904	0,60516	8,76062	0,92102	3,364	0,8002	1,21306	0,42498	3
11.12.2018	483,566	0,001	294,236	0,001	176,066	0,001	103,809	0,001	56,932	0,0893	25,9018	0,60527	8,72191	0,92276	3,30952	0,80745	1,1843	0,43463	3
12.12.2018	484,286	0,001	294,716	0,001	176,321	0,001	103,969	0,001	57,1578	0,08581	25,9867	0,60074	8,76932	0,92063	3,33626	0,80389	1,20323	0,42828	3
13.12.2018	485,022	0,001	295,228	0,001	176,634	0,001	104,211	0,001	57,333	0,08319	26,078	0,59586	8,83584	0,91755	3,383	0,79796	1,21106	0,42565	3
14.12.2018	485,434	0,001	295,414	0,001	176,849	0,001	104,328	0,001	57,4668	0,08122	26,1619	0,59138	8,89325	0,91488	3,40277	0,79565	1,21472	0,42442	3
15.12.2018	401,001	0,001	269,495	0,001	165,973	0,001	104,446	0,001	52,0748	0,19684	26,6864	0,56335	9,59695	0,87769	3,8714	0,74096	1,17697	0,43709	4
16.12.2018	401,665	0,001	269,867	0,001	166,172	0,001	104,514	0,001	52,0863	0,19652	26,6839	0,56348	9,59243	0,87794	3,84146	0,74446	1,14411	0,44811	4
17.12.2018	401,816	0,001	269,734	0,001	165,867	0,001	104,174	0,001	52,1868	0,19369	26,7512	0,55988	9,6223	0,87629	3,82902	0,74591	1,13776	0,45024	4
18.12.2018	402,109	0,001	269,758	0,001	165,623	0,001	103,634	0,001	52,2454	0,19205	26,7337	0,56082	9,58308	0,87845	3,79874	0,74944	1,13327	0,45174	4
19.12.2018	402,048	0,001	269,462	0,001	165,488	0,001	103,531	0,001	52,1546	0,1946	26,7239	0,56134	9,51663	0,88212	3,74422	0,7558	1,08135	0,46916	4
20.12.2018	402,399	0,001	269,623	0,001	165,828	0,001	103,719	0,001	52,4178	0,18721	26,8126	0,5566	9,52171	0,88184	3,75822	0,75417	1,08924	0,46651	4
21.12.2018	403,309	0,001	270,319	0,001	166,578	0,001	104,178	0,001	52,5216	0,18429	26,8656	0,55377	9,52209	0,88182	3,71071	0,75972	1,03333	0,48526	4
22.12.2018	403,928	0,001	270,651	0,001	166,505	0,001	104,074	0,001	52,5682	0,18299	26,8644	0,55384	9,49246	0,88346	3,69953	0,76102	1,03129	0,48595	4
23.12.2018	405,139	0,001	271,601	0,001	167,132	0,001	104,464	0,001	52,6183	0,18158	26,8694	0,55357	9,54968	0,8803	3,72325	0,75825	1,02335	0,48861	4
24.12.2018	405,278	0,001	271,383	0,001	166,804	0,001	104,348	0,001	52,6654	0,18026	26,861	0,55401	9,58996	0,87807	3,7789	0,75176	1,07923	0,46987	4
25.12.2018	406,258	0,001	272,072	0,001	167,326	0,001	104,75	0,001	52,7996	0,17649	26,9484	0,54934	9,6853	0,87258	3,83573	0,74513	1,09813	0,46353	4
26.12.2018	406,433	0,001	272,042	0,001	167,069	0,001	104,541	0,001	52,896	0,1739	26,9801	0,54765	9,69949	0,87171	3,842	0,7444	1,10473	0,46132	4
27.12.2018	407,139	0,001	272,296	0,001	167,465	0,001	104,96	0,001	52,9748	0,17191	27,027	0,54515	9,72265	0,8703	3,83778	0,74489	1,08045	0,46946	4
28.12.2018	407,624	0,001	272,556	0,001	167,306	0,001	104,593	0,001	52,9326	0,17298	26,9191	0,55091	9,6758	0,87316	3,80163	0,74911	1,05466	0,47811	4
29.12.2018	408,354	0,001	272,973	0,001	167,726	0,001	104,973	0,001	53,0056	0,17113	26,9391	0,54984	9,72614	0,87009	3,84007	0,74462	1,06516	0,47459	4
30.12.2018	408,673	0,001	273,036	0,001	167,492	0,001	104,76	0,001	53,0522	0,16995	26,9313	0,55026	9,73688	0,86943	3,8404	0,74458	1,06783	0,47369	4
31.12.2018	409,533	0,001	273,58	0,001	167,886	0,001	104,833	0,001	53,0959	0,16885	26,9172	0,55102	9,69473	0,872	3,78978	0,75049	1,04935	0,47989	4
1.01.2019	409,898	0,001	273,738	0,001	167,847	0,001	104,817	0,001	53,1659	0,16708	26,9447	0,54955	9,73472	0,86956	3,80562	0,74864	1,04061	0,48282	4

2.01.2019	410,679	0,001	274,236	0,001	168,057	0,001	104,844	0,001	53,1833	0,16664	26,9029	0,55178	9,76952	0,86744	3,82956	0,74585	1,03691	0,48406	4
3.01.2019	411,323	0,001	274,596	0,001	168,278	0,001	105,117	0,001	53,2837	0,1641	26,9494	0,54929	9,80258	0,86542	3,83863	0,74479	1,03428	0,48495	4
4.01.2019	412,298	0,001	275,286	0,001	168,65	0,001	105,369	0,001	53,2908	0,16392	26,8967	0,55211	9,79268	0,86603	3,82226	0,7467	1,01423	0,49167	4
5.01.2019	413,037	0,001	275,743	0,001	169,005	0,001	105,556	0,001	53,2726	0,16438	26,8208	0,55617	9,81413	0,86472	3,81188	0,74791	0,9973	0,49735	4
6.01.2019	413,401	0,001	275,837	0,001	168,957	0,001	105,54	0,001	53,3928	0,16134	26,88	0,553	9,83223	0,86361	3,80821	0,74834	1,00877	0,4935	4
7.01.2019	414,098	0,001	276,368	0,001	169,387	0,001	105,976	0,001	53,5457	0,15747	26,9781	0,54776	9,83817	0,86325	3,80215	0,74905	1,01012	0,49305	4
8.01.2019	414,479	0,001	276,647	0,001	169,438	0,001	105,81	0,001	53,594	0,15625	26,9731	0,54803	9,78477	0,86651	3,73325	0,75709	0,98744	0,50066	4
9.01.2019	414,741	0,001	276,97	0,001	169,547	0,001	105,982	0,001	53,6157	0,1557	27,0435	0,54426	9,84434	0,86288	3,77743	0,75193	1,02205	0,48905	4
10.01.2019	414,966	0,001	276,993	0,001	169,48	0,001	106,426	0,001	53,8537	0,14973	27,1763	0,53717	9,9151	0,85856	3,83682	0,745	1,04889	0,48005	4
11.01.2019	415,384	0,001	277,126	0,001	169,391	0,001	106,33	0,001	53,9769	0,14699	27,2379	0,53387	9,9032	0,85929	3,81876	0,74711	1,04519	0,48129	4
12.01.2019	415,892	0,001	277,474	0,001	169,646	0,001	106,499	0,001	54,1037	0,14417	27,3102	0,53001	9,96441	0,85555	3,86099	0,74218	1,07565	0,47107	4
13.01.2019	415,191	0,001	276,841	0,001	169,117	0,001	106,466	0,001	54,2152	0,1417	27,3837	0,52609	9,99933	0,85342	3,88999	0,73879	1,07065	0,47275	4
14.01.2019	415,956	0,001	277,796	0,001	169,711	0,001	106,571	0,001	54,1519	0,1431	27,2226	0,5347	9,94394	0,8568	3,81731	0,74728	1,0357	0,48447	4
15.01.2019	416,092	0,001	277,901	0,001	169,859	0,001	106,818	0,001	54,2806	0,14024	27,297	0,53072	10,0014	0,8533	3,86008	0,74229	1,04608	0,48099	4
16.01.2019	416,14	0,001	278,059	0,001	169,726	0,001	106,794	0,001	54,2753	0,14036	27,2382	0,53386	9,98684	0,85418	3,83557	0,74515	1,02604	0,48771	4
17.01.2019	417,177	0,001	278,774	0,001	170,226	0,001	107,088	0,001	54,4265	0,137	27,3329	0,5288	9,96318	0,85563	3,79875	0,74944	1,02416	0,48834	4
18.01.2019	417,169	0,001	278,98	0,001	170,245	0,001	106,98	0,001	54,4677	0,13609	27,32	0,52949	9,94618	0,85666	3,76871	0,75295	1,005	0,49477	4
19.01.2019	417,322	0,001	279,032	0,001	170,233	0,001	107,012	0,001	54,5168	0,135	27,3199	0,52949	9,97011	0,8552	3,78053	0,75157	1,02662	0,48752	4
20.01.2019	417,581	0,001	279,371	0,001	170,467	0,001	107,161	0,001	54,6021	0,1331	27,351	0,52783	9,9717	0,85511	3,76848	0,75297	1,01514	0,49137	4
21.01.2019	417,615	0,001	279,495	0,001	170,488	0,001	107,221	0,001	54,6478	0,13209	27,3411	0,52836	9,94399	0,8568	3,72484	0,75807	0,99104	0,49945	4
22.01.2019	417,983	0,001	279,851	0,001	170,758	0,001	107,498	0,001	54,7572	0,12966	27,3967	0,52539	9,98177	0,85449	3,74846	0,75531	0,98984	0,49985	4
23.01.2019	418,221	0,001	280,05	0,001	170,851	0,001	107,61	0,001	54,8228	0,1282	27,4068	0,52485	9,99681	0,85357	3,75072	0,75505	0,9839	0,50184	4
24.01.2019	418,513	0,001	280,142	0,001	170,937	0,001	107,8	0,001	54,9015	0,12645	27,4291	0,52366	10,0116	0,85267	3,75279	0,7548	0,98608	0,50111	4
25.01.2019	418,861	0,001	280,548	0,001	171,2	0,001	107,845	0,001	54,9099	0,12627	27,3823	0,52616	9,99509	0,85368	3,72358	0,75821	0,97594	0,50451	4
26.01.2019	419,044	0,001	280,847	0,001	171,348	0,001	107,899	0,001	54,8384	0,12786	27,277	0,53178	9,93777	0,85718	3,65558	0,76615	0,94132	0,51613	4
27.01.2019	418,951	0,001	280,944	0,001	171,344	0,001	107,968	0,001	54,7919	0,12889	27,2088	0,53543	9,93252	0,8575	3,63824	0,76817	0,93051	0,51975	4
28.01.2019	418,071	0,001	279,737	0,001	170,616	0,001	108,17	0,001	54,9693	0,12496	27,3134	0,52984	10,0927	0,84753	3,79015	0,75045	0,98708	0,50078	4
29.01.2019	418,36	0,001	279,978	0,001	170,741	0,001	108,202	0,001	54,9945	0,12448	27,2875	0,53123	10,0645	0,84939	3,75538	0,7545	0,95151	0,51271	4
30.01.2019	418,204	0,001	279,839	0,001	170,761	0,001	108,127	0,001	54,9284	0,12586	27,1714	0,53743	10,1141	0,84611	3,79816	0,74951	0,97513	0,50479	4
31.01.2019	418,546	0,001	280,063	0,001	170,919	0,001	108,112	0,001	54,8799	0,12694	27,0668	0,54302	10,1604	0,84304	3,81931	0,74704	0,97299	0,50551	4
1.02.2019	418,775	0,001	280,143	0,001	171,149	0,001	108,253	0,001	54,7897	0,12894	26,9441	0,54958	10,0904	0,84768	3,73989	0,75631	0,93911	0,51687	4
2.02.2019	419,187	0,001	280,461	0,001	171,42	0,001	108,122	0,001	54,6911	0,13113	26,803	0,55711	10,0739	0,84877	3,70764	0,76007	0,92869	0,52036	4
3.02.2019	419,098	0,001	280,246	0,001	171,247	0,001	108,158	0,001	54,737	0,13011	26,81	0,55674	10,0941	0,84743	3,72098	0,75852	0,9256	0,5214	4
4.02.2019	419,917	0,001	280,913	0,001	171,647	0,001	108,297	0,001	54,7168	0,13056	26,7363	0,56068	9,99009	0,85398	3,61085	0,77137	0,871	0,53971	4
5.02.2019	420,776	0,001	281,546	0,001	171,973	0,001	108,206	0,001	54,6863	0,13123	26,6717	0,56413	9,91325	0,85867	3,50931	0,78322	0,84596	0,54811	4
6.02.2019	421,246	0,001	281,85	0,001	172,043	0,001	108,19	0,001	54,6111	0,1329	26,5683	0,56966	9,85427	0,86227	3,43343	0,79207	0,80123	0,56312	4
7.02.2019	421,362	0,001	281,747	0,001	172,05	0,001	108,453	0,001	54,7835	0,12908	26,6164	0,56709	9,83936	0,86318	3,42626	0,79291	0,76724	0,57452	4
8.02.2019	422,144	0,001	282,281	0,001	172,562	0,001	108,351	0,001	54,6752	0,13148	26,457	0,57561	9,67759	0,87305	3,31871	0,80623	0,74744	0,58116	4
9.02.2019	422,9	0,001	282,754	0,001	172,87	0,001	108,494	0,001	54,7526	0,12976	26,4793	0,57441	9,5972	0,87767	3,23275	0,81767	0,70715	0,59467	4
10.02.2019	423,748	0,001	283,328	0,001	172,912	0,001	108,391	0,001	54,5572	0,1341	26,2346	0,58749	9,53415	0,88116	3,15088	0,82841	0,67683	0,60484	4

11.02.2019	424,694	0,001	283,983	0,001	173,339	0,001	108,601	0,001	54,6729	0,13153	26,3424	0,58173	9,47318	0,88452	3,03734	0,84287	0,61033	0,62715	4
12.02.2019	425,389	0,001	284,401	0,001	173,605	0,001	108,761	0,001	54,745	0,12993	26,3396	0,58188	9,49381	0,88338	3,09071	0,83607	0,64836	0,61439	4
13.02.2019	425,839	0,001	284,502	0,001	173,669	0,001	108,909	0,001	54,7921	0,12888	26,3352	0,58212	9,56896	0,87923	3,14977	0,82855	0,65749	0,61133	4
14.02.2019	426,001	0,001	284,577	0,001	173,806	0,001	108,99	0,001	54,7712	0,12935	26,2768	0,58523	9,60023	0,87751	3,17373	0,8255	0,67596	0,60513	4
15.02.2019	427,128	0,001	285,454	0,001	174,356	0,001	109,157	0,001	54,8529	0,12753	26,2963	0,58419	9,52773	0,88151	3,07978	0,83746	0,61632	0,62514	4
16.02.2019	426,926	0,001	285,228	0,001	174,263	0,001	109,055	0,001	54,6616	0,13178	26,0499	0,59736	9,58185	0,87852	3,12346	0,8319	0,64111	0,61682	4
17.02.2019	427,289	0,001	285,455	0,001	174,282	0,001	108,965	0,001	54,4714	0,13601	25,811	0,61013	9,60132	0,87745	3,10925	0,83371	0,59558	0,6321	4
18.02.2019	427,876	0,001	286,089	0,001	174,701	0,001	109,18	0,001	54,5691	0,13384	25,8548	0,60778	9,5496	0,8803	3,10098	0,83477	0,58846	0,63448	4
19.02.2019	429,322	0,001	287,053	0,001	175,089	0,001	109,472	0,001	54,7558	0,12969	25,9794	0,60112	9,43334	0,88672	2,96079	0,85247	0,50908	0,66111	4
20.02.2019	429,638	0,001	287,387	0,001	175,249	0,001	109,601	0,001	54,7522	0,12977	25,9272	0,60391	9,37803	0,88978	2,92869	0,85634	0,50805	0,66145	4
21.02.2019	430,162	0,001	287,653	0,001	175,51	0,001	109,716	0,001	54,7632	0,12953	25,8845	0,60619	9,39246	0,88898	2,93482	0,8556	0,48442	0,66938	4
22.02.2019	430,761	0,001	288,22	0,001	175,849	0,001	109,927	0,001	54,8921	0,12666	25,9443	0,603	9,30272	0,89394	2,84505	0,86642	0,4185	0,69149	4
23.02.2019	431,26	0,001	288,92	0,001	176,249	0,001	110,21	0,001	55,0575	0,12328	26,0426	0,59775	9,34969	0,89134	2,92746	0,85649	0,4837	0,66962	4
24.02.2019	431,679	0,001	288,993	0,001	176,3	0,001	110,214	0,001	54,9825	0,12471	25,8935	0,60571	9,40549	0,88826	2,92964	0,85622	0,46627	0,67547	4
25.02.2019	430,95	0,001	288,72	0,001	176,269	0,001	110,188	0,001	54,8234	0,12819	25,6743	0,61743	9,48213	0,88403	2,99789	0,84789	0,51887	0,65783	4
26.02.2019	431,035	0,001	288,723	0,001	176,402	0,001	110,231	0,001	54,7965	0,12879	25,5879	0,62205	9,53302	0,88122	3,04431	0,84198	0,53712	0,6517	4
27.02.2019	431,426	0,001	289,547	0,001	176,78	0,001	110,422	0,001	54,8805	0,12692	25,6165	0,62052	9,54134	0,88076	3,01427	0,8458	0,52084	0,65717	4
28.02.2019	431,655	0,001	290,017	0,001	177,026	0,001	110,459	0,001	54,8137	0,1284	25,4988	0,62681	9,52567	0,88162	2,96171	0,85236	0,49236	0,66672	4
1.03.2019	432,249	0,001	290,438	0,001	177,075	0,001	110,546	0,001	54,7965	0,12879	25,4524	0,62929	9,4255	0,88716	2,80796	0,87088	0,39969	0,6978	4
2.03.2019	432,582	0,001	290,792	0,001	177,274	0,001	110,747	0,001	54,8956	0,12659	25,525	0,62541	9,34274	0,89173	2,71762	0,88128	0,35449	0,71296	4
3.03.2019	433,72	0,001	291,513	0,001	177,835	0,001	111,019	0,001	55,074	0,12297	25,648	0,61883	9,33575	0,89211	2,72394	0,88057	0,35384	0,71318	4
4.03.2019	434,495	0,001	292,086	0,001	178,243	0,001	111,355	0,001	55,2994	0,11869	25,8068	0,61035	9,29321	0,89446	2,65495	0,88828	0,30015	0,73119	4
5.03.2019	433,77	0,001	291,394	0,001	177,025	0,001	112,068	0,001	55,7526	0,11009	26,2016	0,58925	9,08216	0,90565	2,42731	0,91266	0,15491	0,7799	4
6.03.2019	434,101	0,001	291,629	0,001	176,983	0,001	112,007	0,001	55,8118	0,10897	26,2382	0,5873	9,01956	0,90875	2,35267	0,92002	0,10221	0,79758	4
7.03.2019	435,086	0,001	292,163	0,001	177,287	0,001	112,371	0,001	56,0165	0,10509	26,4061	0,57832	8,96962	0,91119	2,28268	0,9266	0,04764	0,85862	4
8.03.2019	436,183	0,001	293,322	0,001	178,466	0,001	112,93	0,001	56,4781	0,09672	26,782	0,55824	8,97245	0,91106	2,30352	0,92468	0,06285	0,83763	4
9.03.2019	437,588	0,001	294,226	0,001	178,96	0,001	113,756	0,001	56,7611	0,09205	27,0668	0,54302	8,9594	0,91169	2,28624	0,92627	0,04653	0,86032	4
10.03.2019	437,885	0,001	294,798	0,001	179,27	0,001	113,883	0,001	57,3529	0,0829	27,6055	0,51423	8,98558	0,91043	2,30664	0,92438	0,06519	0,8346	4
11.03.2019	438,118	0,001	295,263	0,001	179,25	0,001	113,767	0,001	57,3736	0,0826	27,5726	0,51599	9,04271	0,9076	2,32074	0,92305	0,07602	0,82119	4
12.03.2019	437,948	0,001	295,808	0,001	179,514	0,001	114,063	0,001	57,8781	0,07539	28,0365	0,4912	9,03678	0,9079	2,29132	0,92581	0,0464	0,86052	4
13.03.2019	438,067	0,001	295,99	0,001	179,687	0,001	113,856	0,001	57,9018	0,07506	28,0059	0,49284	9,06797	0,90635	2,31017	0,92405	0,06105	0,83997	4
14.03.2019	438,081	0,001	296,134	0,001	179,806	0,001	113,852	0,001	57,8743	0,07545	27,9336	0,4967	9,08652	0,90543	2,31679	0,92342	0,06352	0,83676	4
15.03.2019	437,559	0,001	296,07	0,001	179,966	0,001	113,939	0,001	58,1355	0,07195	28,1763	0,48373	9,10655	0,90442	2,31865	0,92324	0,06077	0,84032	4
16.03.2019	438,254	0,001	296,577	0,001	179,704	0,001	113,949	0,001	58,4547	0,06783	28,4463	0,4693	9,08489	0,90551	2,29306	0,92565	0,02384	0,89955	4
17.03.2019	437,062	0,001	295,699	0,001	179,319	0,001	113,3	0,001	58,3901	0,06864	28,3264	0,47571	9,11241	0,90412	2,30348	0,92468	0,0326	0,88307	4
18.03.2019	437,687	0,001	295,824	0,001	179,319	0,001	113,164	0,001	58,5546	0,06658	28,4395	0,46967	9,12406	0,90352	2,30633	0,92441	0,03284	0,88264	4
19.03.2019	437,289	0,001	295,836	0,001	179,619	0,001	113,413	0,001	58,6975	0,06481	28,5398	0,46431	9,14929	0,90223	2,31872	0,92324	0,03769	0,8738	4
20.03.2019	436,93	0,001	295,478	0,001	179,376	0,001	112,973	0,001	58,3639	0,06897	28,1764	0,48373	9,18363	0,90048	2,33282	0,9219	0,05253	0,85118	4
21.03.2019	434,979	0,001	293,825	0,001	178,421	0,001	112,104	0,001	57,8729	0,07547	27,6425	0,51225	9,23168	0,89786	2,36471	0,91884	0,08992	0,80567	4
22.03.2019	435,5	0,001	294,45	0,001	178,432	0,001	111,855	0,001	58,1852	0,07128	27,8886	0,4991	9,20999	0,89906	2,34153	0,92108	0,05588	0,84666	4

23.03.2019	434,181	0,001	293,071	0,001	177,357	0,001	110,622	0,001	58,0481	0,07311	27,6849	0,50999	9,23385	0,89774	2,34081	0,92114	0,05161	0,85258	4
24.03.2019	435,723	0,001	294,265	0,001	177,464	0,001	110,903	0,001	58,4627	0,06773	28,0881	0,48844	9,157	0,90184	2,31643	0,92345	0,00193	0,9719	4
25.03.2019	435,387	0,001	294,187	0,001	177,585	0,001	110,545	0,001	58,4253	0,0682	28,0294	0,49158	9,21025	0,89905	2,32332	0,9228	0,00522	0,95311	4
26.03.2019	436,837	0,001	294,834	0,001	178,036	0,001	110,791	0,001	58,341	0,06925	27,926	0,49711	9,22702	0,89812	2,314	0,92368	0,0039	0,95951	4
27.03.2019	437,751	0,001	295,936	0,001	179,078	0,001	111,856	0,001	58,9882	0,06142	28,5267	0,465	9,2749	0,89548	2,32493	0,92265	0,00511	0,95359	4
28.03.2019	438,401	0,001	296,397	0,001	179,049	0,001	111,728	0,001	59,0643	0,06053	28,6188	0,46009	9,28347	0,895	2,3217	0,92295	0,00157	0,97453	4
29.03.2019	436,826	0,001	295,03	0,001	178,143	0,001	110,78	0,001	58,4954	0,06732	28,0092	0,49266	9,29288	0,89448	2,31909	0,9232	0,00365	0,96083	4
30.03.2019	436,848	0,001	294,807	0,001	177,806	0,001	110,28	0,001	58,5805	0,06626	28,0502	0,49047	9,3088	0,8936	2,32661	0,92249	1,4E-06	0,99894	4
31.03.2019	437,155	0,001	295,142	0,001	177,87	0,001	110,309	0,001	58,811	0,06348	28,2247	0,48115	9,33155	0,89235	2,33963	0,92126	0,0022	0,96998	4
1.04.2019	438,026	0,001	295,558	0,001	178,091	0,001	110,444	0,001	59,0795	0,06035	28,5425	0,46416	9,37247	0,89009	2,37058	0,91827	0,03779	0,87365	4
2.04.2019	438,717	0,001	296,251	0,001	178,95	0,001	111,603	0,001	60,0337	0,05029	29,4259	0,41696	9,47805	0,88426	2,467	0,90865	0,08081	0,81584	4
3.04.2019	436,299	0,001	293,519	0,001	178,662	0,001	110,919	0,001	60,0353	0,05027	29,3878	0,41899	9,41489	0,88774	2,4108	0,91432	0,04665	0,86014	4
4.04.2019	438,254	0,001	295,349	0,001	180,158	0,001	112,409	0,001	60,7168	0,04404	30,019	0,38526	9,52741	0,88153	2,48588	0,90671	0,1012	0,79792	4
5.04.2019	437,68	0,001	294,811	0,001	179,87	0,001	112,19	0,001	61,4878	0,03781	30,7319	0,34717	9,56737	0,87932	2,54178	0,90086	0,11056	0,79478	4
6.04.2019	437,995	0,001	294,925	0,001	179,51	0,001	111,622	0,001	61,2454	0,03964	30,3923	0,36531	9,53471	0,88113	2,50432	0,90481	0,08947	0,80617	4
7.04.2019	436,822	0,001	294,044	0,001	178,726	0,001	111,003	0,001	61,1252	0,0406	30,2044	0,37536	9,53834	0,88092	2,48718	0,90658	0,07861	0,81829	4
8.04.2019	434,242	0,001	291,931	0,001	176,743	0,001	109,799	0,001	60,3986	0,04689	29,403	0,41818	9,43606	0,88657	2,38466	0,91689	0,03187	0,88446	4
9.04.2019	435,075	0,001	293,206	0,001	177,318	0,001	109,712	0,001	60,2084	0,04865	29,1701	0,43063	9,45635	0,88545	2,38	0,91735	0,03814	0,87311	4
10.04.2019	432,804	0,001	292,036	0,001	176,454	0,001	109,036	0,001	59,8107	0,05254	28,6937	0,45609	9,42693	0,88708	2,35278	0,92001	0,0078	0,94249	4
11.04.2019	431,492	0,001	290,777	0,001	174,93	0,001	107,897	0,001	59,0111	0,06115	27,8488	0,50123	9,42679	0,88709	2,31945	0,92317	0,00662	0,94701	4
12.04.2019	432,13	0,001	291,894	0,001	176,049	0,001	108,236	0,001	59,3805	0,05704	28,1761	0,48374	9,48924	0,88364	2,36577	0,91874	0,0236	0,89999	4
13.04.2019	432,512	0,001	291,933	0,001	175,81	0,001	107,867	0,001	59,5245	0,05546	28,2653	0,47898	9,52576	0,88162	2,39056	0,91631	0,04864	0,85711	4
14.04.2019	433,076	0,001	292,466	0,001	176,125	0,001	107,915	0,001	59,5911	0,05475	28,3108	0,47654	9,58867	0,87814	2,44744	0,91065	0,07112	0,82692	4
15.04.2019	433,571	0,001	292,719	0,001	176,302	0,001	107,999	0,001	59,9587	0,05105	28,6203	0,46001	9,62269	0,87627	2,46363	0,909	0,1018	0,79772	4
16.04.2019	434,473	0,001	293,677	0,001	177,013	0,001	108,595	0,001	60,3271	0,04755	28,9269	0,44362	9,67588	0,87315	2,50837	0,90438	0,12845	0,78878	4
17.04.2019	434,916	0,001	293,857	0,001	177,111	0,001	108,576	0,001	60,4252	0,04664	28,961	0,4418	9,68232	0,87276	2,5001	0,90525	0,13095	0,78794	4
18.04.2019	436,063	0,001	295,044	0,001	177,727	0,001	109,719	0,001	61,6877	0,0363	30,1597	0,37774	9,98556	0,85426	2,77286	0,8751	0,28827	0,73517	4
19.04.2019	436,484	0,001	295,193	0,001	178,118	0,001	110,871	0,001	63,5875	0,02453	32,1132	0,27336	10,3647	0,8295	3,15711	0,82762	0,51015	0,66075	4
20.04.2019	438,011	0,001	296,159	0,001	179,165	0,001	111,531	0,001	63,8395	0,02333	32,459	0,25488	10,4955	0,82053	3,27758	0,8117	0,59746	0,63146	4
21.04.2019	440,27	0,001	297,912	0,001	180,108	0,001	112,26	0,001	63,9418	0,02284	32,3593	0,26021	10,4353	0,8248	3,19962	0,82208	0,57885	0,63771	4
22.04.2019	442,105	0,001	299,372	0,001	181,3	0,001	113,392	0,001	64,3714	0,02078	32,7214	0,24086	10,4432	0,82424	3,1772	0,82506	0,57887	0,6377	4
23.04.2019	441,583	0,001	298,928	0,001	180,858	0,001	112,898	0,001	63,5807	0,02457	31,8622	0,28677	10,2542	0,83682	2,96959	0,85141	0,46242	0,67676	4
24.04.2019	440,565	0,001	297,855	0,001	179,254	0,001	110,932	0,001	63,062	0,02744	31,4824	0,30706	10,3476	0,83063	3,06341	0,83955	0,50748	0,66165	4
25.04.2019	437,164	0,001	294,392	0,001	176,522	0,001	108,444	0,001	62,0108	0,034	30,395	0,36517	10,2542	0,83682	2,95052	0,85371	0,45078	0,68067	4
26.04.2019	437,402	0,001	294,433	0,001	176,037	0,001	107,696	0,001	61,6891	0,03629	30,1432	0,37862	10,3689	0,82922	3,0537	0,84078	0,51608	0,65876	4
27.04.2019	435,121	0,001	292,217	0,001	173,916	0,001	105,584	0,001	60,4453	0,04645	29,0998	0,43438	10,2695	0,8358	2,93814	0,8552	0,42773	0,6884	4
28.04.2019	436,497	0,001	293,308	0,001	174,7	0,001	106,243	0,001	60,7931	0,0434	29,4291	0,41679	10,3608	0,82976	3,03038	0,84375	0,50949	0,66097	4
29.04.2019	434,673	0,001	291,45	0,001	173,136	0,001	104,693	0,001	59,5342	0,05536	28,0237	0,49189	10,1937	0,84083	2,84462	0,86647	0,37232	0,70698	4
30.04.2019	435,454	0,001	291,81	0,001	173,29	0,001	104,647	0,001	59,5682	0,05499	27,9145	0,49772	10,2692	0,83583	2,9045	0,85925	0,42444	0,6895	4
1.05.2019	435,109	0,001	291,335	0,001	172,95	0,001	104,205	0,001	59,4928	0,05581	27,7989	0,5039	10,2434	0,83754	2,86633	0,86385	0,38923	0,70131	4

2.05.2019	437,134	0,001	293,131	0,001	174,084	0,001	105,411	0,001	60,7676	0,04361	28,9822	0,44067	10,5415	0,81727	3,16535	0,82657	0,62134	0,62345	4
3.05.2019	436,825	0,001	292,664	0,001	173,958	0,001	105,142	0,001	60,7671	0,04361	29,0873	0,43505	10,5726	0,81507	3,18004	0,82469	0,62092	0,62359	4
4.05.2019	437,041	0,001	292,518	0,001	173,975	0,001	104,794	0,001	60,042	0,0502	28,3129	0,47643	10,47	0,82234	3,06499	0,83935	0,56369	0,64279	4
5.05.2019	437,769	0,001	293,126	0,001	174,437	0,001	105,113	0,001	60,4926	0,04602	28,6943	0,45605	10,5125	0,81933	3,09607	0,83539	0,57569	0,63877	4
6.05.2019	437,639	0,001	292,863	0,001	173,926	0,001	104,35	0,001	59,8976	0,05166	27,9486	0,4959	10,4304	0,82514	2,99457	0,84831	0,53818	0,65135	4
7.05.2019	435,555	0,001	290,555	0,001	172,138	0,001	102,928	0,00126	58,3079	0,06967	26,2268	0,58791	10,2255	0,83873	2,78102	0,87413	0,3922	0,70031	4
8.05.2019	435,255	0,001	290,203	0,001	171,793	0,001	102,409	0,00154	57,9755	0,07408	25,7324	0,61433	10,2269	0,83863	2,76827	0,87562	0,39752	0,69853	4
9.05.2019	432,689	0,001	287,704	0,001	170,23	0,001	101,507	0,00204	56,6173	0,09439	24,1822	0,69716	9,97987	0,85461	2,51839	0,90333	0,18667	0,76925	4
10.05.2019	434,278	0,001	288,948	0,001	171,513	0,001	102,168	0,00167	57,312	0,0835	24,5669	0,6766	10,2366	0,83798	2,73496	0,87934	0,40126	0,69727	4
11.05.2019	433,216	0,001	287,924	0,001	171,547	0,001	101,947	0,0018	57,1794	0,08548	24,8475	0,66161	10,2499	0,8371	2,72482	0,88047	0,37932	0,70463	4
12.05.2019	434,541	0,001	289,021	0,001	172,11	0,001	102,394	0,00155	57,6421	0,0787	24,9139	0,65806	10,4425	0,82429	2,89037	0,86096	0,5538	0,64611	4
13.05.2019	435,662	0,001	290,596	0,001	173,647	0,001	103,909	0,001	58,9842	0,06146	26,5315	0,57163	10,7721	0,80092	3,1732	0,82557	0,82423	0,5554	4
14.05.2019	436,674	0,001	291,042	0,001	173,75	0,001	103,833	0,001	58,9013	0,06243	26,3439	0,58165	10,9183	0,79028	3,29273	0,80969	0,95309	0,51218	4
15.05.2019	434,462	0,001	288,338	0,001	173,374	0,001	104,754	0,001	59,7561	0,05309	27,3577	0,52747	11,183	0,77097	3,54548	0,779	1,14133	0,44904	4
16.05.2019	431,902	0,001	286,152	0,001	171,996	0,001	103,113	0,00116	58,638	0,06554	26,9494	0,54929	11,0178	0,78302	3,36707	0,79982	0,96923	0,50677	4
17.05.2019	432,484	0,001	285,956	0,001	173,379	0,001	104,042	0,001	59,1593	0,05945	27,1271	0,5398	11,1232	0,77533	3,43471	0,79192	1,01057	0,4929	4
18.05.2019	434,798	0,001	288,153	0,001	176,641	0,001	108,302	0,001	63,6206	0,02438	29,7399	0,40018	11,5757	0,74231	3,91905	0,7354	1,35809	0,37634	4
19.05.2019	436,303	0,001	289,771	0,001	177,587	0,001	109,105	0,001	63,595	0,0245	29,9777	0,38747	11,5965	0,7408	3,91635	0,73572	1,30279	0,39488	4
20.05.2019	437,743	0,001	290,25	0,001	177,862	0,001	109,255	0,001	63,7979	0,02353	30,3692	0,36655	11,7261	0,73134	4,06518	0,71835	1,5099	0,32541	4
21.05.2019	438,519	0,001	290,999	0,001	178,653	0,001	111,422	0,001	65,7943	0,0152	32,4849	0,2535	11,9735	0,71329	4,36062	0,68387	1,50653	0,32654	4
22.05.2019	439,588	0,001	291,787	0,001	179,303	0,001	111,516	0,001	66,5277	0,01311	32,7017	0,24191	12,1702	0,69894	4,48166	0,66975	1,60827	0,29242	4
23.05.2019	441,347	0,001	293,161	0,001	180,429	0,001	112,296	0,001	66,5886	0,01294	32,5773	0,24856	12,1596	0,69971	4,44786	0,67369	1,63676	0,28286	4
24.05.2019	442,898	0,001	294,383	0,001	181,299	0,001	114,372	0,001	69,52	0,0068	34,5715	0,16391	12,6439	0,66438	4,84063	0,62786	1,62839	0,28567	4
25.05.2019	446,601	0,001	297,842	0,001	184,711	0,001	118,386	0,001	72,4068	0,00385	35,7155	0,1313	12,8958	0,64599	5,11323	0,59605	1,75736	0,24241	4
26.05.2019	445,118	0,001	296,118	0,001	183,231	0,001	116,235	0,001	70,2384	0,00558	34,6037	0,16292	12,8277	0,65096	5,02054	0,60686	1,80316	0,22705	4
27.05.2019	445,204	0,001	295,914	0,001	182,961	0,001	116,039	0,001	69,6589	0,00657	34,3495	0,17074	12,5064	0,67441	4,80837	0,63162	1,81346	0,22359	4
28.05.2019	446,131	0,001	296,769	0,001	183,335	0,001	116,405	0,001	68,9902	0,00771	33,5526	0,1977	12,2465	0,69337	4,53038	0,66406	1,66588	0,2731	4
29.05.2019	444,673	0,001	295,195	0,001	181,385	0,001	114,355	0,001	68,6858	0,00822	34,3282	0,17139	12,4043	0,68186	4,66409	0,64846	1,61796	0,28917	4
30.05.2019	442,761	0,001	292,925	0,001	178,94	0,001	111,987	0,001	66,7728	0,01242	32,1705	0,2703	12,3275	0,68746	4,54269	0,66263	1,66664	0,27284	4
31.05.2019	442,846	0,001	293,705	0,001	179,561	0,001	112,229	0,001	65,8654	0,01495	31,5709	0,30234	12,0864	0,70506	4,41844	0,67713	1,625	0,28681	4
1.06.2019	443,253	0,001	293,295	0,001	178,961	0,001	111,716	0,001	66,3534	0,01359	32,2313	0,26704	12,5238	0,67314	4,83808	0,62816	1,83191	0,2174	4
2.06.2019	441,217	0,001	291,454	0,001	177,004	0,001	109,705	0,001	64,372	0,02078	31,3922	0,31188	12,5079	0,6743	4,74394	0,63914	1,77431	0,23673	4
3.06.2019	436,924	0,001	286,731	0,001	172,072	0,001	105,11	0,001	60,2821	0,04796	28,4538	0,4689	12,2446	0,69351	4,40595	0,67858	1,55509	0,31026	4
4.06.2019	435,979	0,001	285,966	0,001	171,064	0,001	104,418	0,001	59,5223	0,05549	26,7805	0,55832	11,914	0,71763	4,08862	0,71562	1,48233	0,33466	4
5.06.2019	437,71	0,001	287,722	0,001	172,872	0,001	105,46	0,001	60,6505	0,04459	27,9026	0,49836	12,2494	0,69316	4,34322	0,6859	1,44657	0,34666	4
6.06.2019	438,084	0,001	287,877	0,001	172,804	0,001	105,258	0,001	60,5937	0,04508	27,5235	0,51861	12,3517	0,6857	4,5047	0,66706	1,43374	0,35096	4
7.06.2019	438,079	0,001	287,704	0,001	172,429	0,001	105,052	0,001	60,2959	0,04784	27,4606	0,52198	12,3249	0,68765	4,46114	0,67214	1,38756	0,36645	4
8.06.2019	438,118	0,001	287,512	0,001	172,208	0,001	104,6	0,001	60,0776	0,04986	27,6459	0,51207	12,4404	0,67922	4,56697	0,65979	1,28382	0,40125	4
9.06.2019	438,771	0,001	287,851	0,001	172,522	0,001	104,83	0,001	60,0656	0,04997	27,2213	0,53476	12,2254	0,69491	4,34518	0,68568	1,24967	0,4127	4
10.06.2019	440,209	0,001	289,059	0,001	173,444	0,001	105,362	0,001	61,0718	0,04105	28,1727	0,48392	12,4468	0,67876	4,60487	0,65537	1,20217	0,42863	4

11.06.2019	440,414	0,001	289,028	0,001	173,464	0,001	105,27	0,001	61,516	0,0376	28,3457	0,47468	12,5082	0,67428	4,71369	0,64267	1,20308	0,42833	4
12.06.2019	443,625	0,001	292,008	0,001	175,952	0,001	107,476	0,001	63,5789	0,02458	30,498	0,35967	13,0983	0,63122	5,11988	0,59527	1,36015	0,37564	4
13.06.2019	444,866	0,001	293,021	0,001	176,796	0,001	108,272	0,001	64,6208	0,01967	31,4037	0,31127	13,2103	0,62305	5,20515	0,58532	1,43516	0,35048	4
14.06.2019	443,69	0,001	291,644	0,001	175,147	0,001	107,062	0,001	62,4941	0,03079	29,1904	0,42954	12,828	0,65095	4,82951	0,62916	1,37666	0,37011	4
15.06.2019	443,982	0,001	291,645	0,001	175,112	0,001	106,548	0,001	61,9881	0,03415	28,7364	0,4538	12,704	0,65999	4,74513	0,639	1,37466	0,37077	4
16.06.2019	444,503	0,001	292,017	0,001	175,314	0,001	106,87	0,001	61,747	0,03586	28,5886	0,4617	12,5855	0,66863	4,61595	0,65408	1,39444	0,36414	4
17.06.2019	447,642	0,001	294,908	0,001	177,278	0,001	107,895	0,001	62,8105	0,02887	29,8156	0,39613	12,9882	0,63926	4,94853	0,61527	1,51055	0,3252	4
18.06.2019	448,072	0,001	295,062	0,001	177,261	0,001	107,612	0,001	63,1047	0,0272	30,0143	0,38552	13,235	0,62124	5,1825	0,58796	1,59445	0,29706	4
19.06.2019	449,797	0,001	296,537	0,001	178,524	0,001	108,746	0,001	63,9322	0,02288	30,696	0,34909	13,4152	0,6081	5,34396	0,56912	1,68969	0,26511	4
20.06.2019	451,996	0,001	298,603	0,001	180,358	0,001	110,266	0,001	65,5037	0,01631	32,0899	0,2746	13,7041	0,58702	5,62989	0,53576	1,80323	0,22703	4
21.06.2019	454,351	0,001	300,774	0,001	182,709	0,001	112,531	0,001	67,5485	0,01026	33,9267	0,1848	13,9156	0,57158	5,88319	0,5062	1,94512	0,1925	4
22.06.2019	454,215	0,001	299,935	0,001	181,623	0,001	111,67	0,001	66,421	0,0134	32,8514	0,23391	13,8988	0,57281	5,82709	0,51274	2,04861	0,17983	4
23.06.2019	454,089	0,001	299,392	0,001	180,908	0,001	111,189	0,001	65,8717	0,01493	32,1509	0,27134	13,8393	0,57716	5,76398	0,52011	2,16103	0,1674	4
24.06.2019	456,159	0,001	301,236	0,001	182,402	0,001	112,568	0,001	67,1563	0,01136	32,8878	0,23197	13,9176	0,57144	5,83238	0,51213	2,24031	0,15914	4
25.06.2019	455,141	0,001	300,054	0,001	181,053	0,001	112,105	0,001	66,45	0,01332	31,3926	0,31186	13,8138	0,57902	5,72323	0,52486	2,36182	0,14707	4
26.06.2019	448,058	0,001	293,089	0,001	173,793	0,001	105,935	0,001	60,1416	0,04927	28,9733	0,44114	13,2906	0,61719	5,42862	0,55924	2,35346	0,14779	4
27.06.2019	452,639	0,001	296,749	0,001	177,372	0,001	109,109	0,001	63,1628	0,02687	29,4087	0,41787	13,4107	0,60843	5,45551	0,55611	2,27205	0,15583	4
28.06.2019	450,481	0,001	295,125	0,001	175,326	0,001	107,544	0,001	61,5829	0,03709	28,832	0,44869	12,9304	0,64347	5,11485	0,59586	2,31694	0,15115	4
29.06.2019	574,692	0,001	340,577	0,001	188,15	0,001	111,557	0,001	64,5744	0,01985	24,3575	0,68779	13,1548	0,6271	5,41722	0,56057	2,21314	0,16197	3
30.06.2019	572,182	0,001	337,674	0,001	185,197	0,001	109,744	0,001	62,4353	0,03118	22,6048	0,78145	12,4007	0,68212	4,68465	0,64606	1,95035	0,19186	3
1.07.2019	572,766	0,001	337,849	0,001	185,723	0,001	110,12	0,001	63,2123	0,02658	22,727	0,77492	12,6337	0,66512	4,81324	0,63106	2,1248	0,17118	3
2.07.2019	575,311	0,001	340,127	0,001	187,561	0,001	112,334	0,001	64,8773	0,01869	23,1014	0,75492	12,664	0,66291	4,81188	0,63121	1,95407	0,1914	3
3.07.2019	573,677	0,001	337,818	0,001	184,895	0,001	110,108	0,001	62,7173	0,0294	22,4011	0,79234	12,3695	0,6844	4,70004	0,64427	1,92603	0,19483	3
4.07.2019	574,828	0,001	338,606	0,001	185,853	0,001	110,398	0,001	63,0857	0,02731	22,658	0,77861	12,5607	0,67045	4,84943	0,62683	2,01523	0,18392	3
5.07.2019	575,841	0,001	339,129	0,001	186,155	0,001	110,903	0,001	63,5485	0,02472	22,8858	0,76644	12,5089	0,67423	4,81441	0,63092	1,9452	0,19249	3
6.07.2019	577,006	0,001	339,25	0,001	186,247	0,001	111,241	0,001	63,6338	0,02431	22,9069	0,76531	12,5972	0,66779	4,84748	0,62706	1,93893	0,19325	3
7.07.2019	578,843	0,001	340,754	0,001	187,907	0,001	112,778	0,001	65,1358	0,01771	23,6373	0,72628	12,97	0,64058	5,1427	0,59261	1,91135	0,19663	3
8.07.2019	579,728	0,001	341,287	0,001	187,675	0,001	113,146	0,001	65,3111	0,01704	23,7375	0,72093	12,9527	0,64185	5,18181	0,58805	1,88403	0,19997	3
9.07.2019	578,615	0,001	339,86	0,001	186,054	0,001	111,689	0,001	63,8967	0,02305	23,2658	0,74613	12,5938	0,66803	4,93092	0,61732	1,68611	0,26631	3
10.07.2019	577,291	0,001	338,18	0,001	184,58	0,001	110,168	0,001	62,4297	0,03122	22,6241	0,78042	11,9964	0,71162	4,54339	0,66255	1,47046	0,33864	3
11.07.2019	579,298	0,001	339,817	0,001	186,063	0,001	112,115	0,001	63,8356	0,02335	22,3983	0,79249	11,9514	0,7149	4,34544	0,68565	1,25356	0,4114	3
12.07.2019	578,169	0,001	338,323	0,001	185,415	0,001	110,796	0,001	63,0801	0,02734	22,7083	0,77592	11,8543	0,72199	4,54909	0,66188	1,61779	0,28922	3
13.07.2019	574,005	0,001	334,302	0,001	182,633	0,001	107,328	0,001	59,7262	0,05339	21,6531	0,82892	11,2284	0,76765	4,19888	0,70275	1,53304	0,31765	3
14.07.2019	574,719	0,001	334,639	0,001	183,207	0,001	108,881	0,001	60,883	0,04264	21,6962	0,82699	11,3282	0,76037	4,0173	0,72394	1,23435	0,41784	3
15.07.2019	573,974	0,001	333,495	0,001	179,95	0,001	105,561	0,001	57,4394	0,08163	20,3485	0,88336	10,2448	0,83744	3,28713	0,81043	0,82244	0,556	3
16.07.2019	575,027	0,001	334,278	0,001	181,217	0,001	106,752	0,001	58,3859	0,06869	20,0297	0,89507	10,3737	0,8289	3,12983	0,83109	0,51622	0,65871	3
17.07.2019	578,635	0,001	336,246	0,001	183,042	0,001	108,472	0,001	60,1512	0,04918	20,6702	0,87113	10,8965	0,79187	3,56815	0,77635	0,93375	0,51866	3
18.07.2019	578,968	0,001	335,851	0,001	182,531	0,001	107,818	0,001	59,0635	0,06054	20,6197	0,8732	10,9227	0,78996	3,75866	0,75412	1,21564	0,42411	3
19.07.2019	578,867	0,001	335,554	0,001	182,74	0,001	107,931	0,001	59,1146	0,05994	20,9814	0,85833	11,1387	0,7742	3,99407	0,72665	1,26376	0,40798	3
20.07.2019	578,9	0,001	335,28	0,001	182,091	0,001	107,316	0,001	58,8043	0,06356	21,1351	0,85202	11,1064	0,77656	4,06058	0,71889	1,47041	0,33866	3

21.07.2019	578,842	0,001	334,675	0,001	181,618	0,001	106,721	0,001	58,0388	0,07323	21,041	0,85588	11,081	0,77841	3,95894	0,73075	1,43384	0,35092	3
22.07.2019	578,232	0,001	333,685	0,001	181,22	0,001	106,206	0,001	57,5648	0,07979	20,9046	0,86149	10,8579	0,79469	3,85661	0,74269	1,40694	0,35995	3
23.07.2019	579,155	0,001	334,157	0,001	181,336	0,001	106,235	0,001	57,5083	0,08061	20,7326	0,86856	10,8181	0,79759	3,66089	0,76553	1,22575	0,42072	3
24.07.2019	580,126	0,001	334,764	0,001	181,692	0,001	106,512	0,001	57,7937	0,07658	20,695	0,87011	10,9959	0,78462	3,55854	0,77747	1,14021	0,44941	3
25.07.2019	580,687	0,001	334,941	0,001	181,662	0,001	106,381	0,001	57,6043	0,07923	20,4946	0,87799	10,8661	0,79409	3,48714	0,78581	1,05381	0,4784	3
26.07.2019	580,722	0,001	334,594	0,001	181,249	0,001	105,869	0,001	57,0372	0,08768	20,1909	0,88915	10,6964	0,80629	3,391	0,79702	0,99968	0,49655	3
27.07.2019	581,467	0,001	334,982	0,001	181,553	0,001	106,052	0,001	57,0943	0,08679	20,0873	0,89296	10,5735	0,815	3,29494	0,80939	0,85141	0,54629	3
28.07.2019	582,241	0,001	335,419	0,001	181,7	0,001	106,087	0,001	57,0824	0,08698	19,9911	0,89649	10,5139	0,81923	3,27432	0,81214	0,8317	0,5529	3
29.07.2019	583,115	0,001	335,952	0,001	182,012	0,001	106,281	0,001	57,143	0,08604	19,8891	0,90022	10,4948	0,82059	3,21437	0,82012	0,74277	0,58273	3
30.07.2019	584,341	0,001	336,823	0,001	182,639	0,001	106,838	0,001	57,6383	0,07876	20,0632	0,89384	10,6219	0,81157	3,29452	0,80945	0,74629	0,58154	3
31.07.2019	585,57	0,001	337,655	0,001	183,203	0,001	107,291	0,001	58,0153	0,07355	20,2014	0,88877	10,7748	0,80073	3,40746	0,7951	0,87108	0,53969	3
1.08.2019	586,599	0,001	338,246	0,001	183,556	0,001	107,543	0,001	58,2336	0,07064	20,492	0,87808	10,8641	0,79424	3,61183	0,77125	1,06331	0,47521	3
2.08.2019	587,396	0,001	338,687	0,001	183,8	0,001	107,801	0,001	58,3709	0,06888	20,5439	0,87618	10,8268	0,79696	3,61329	0,77108	0,95961	0,50999	3
3.08.2019	588,32	0,001	339,15	0,001	184,039	0,001	107,98	0,001	58,5773	0,0663	20,6793	0,87075	10,8839	0,79279	3,62255	0,77	0,91703	0,52427	3
4.08.2019	589,855	0,001	340,248	0,001	184,871	0,001	108,986	0,001	59,4687	0,05607	21,0689	0,85474	11,1842	0,77088	3,77432	0,75229	0,92596	0,52128	3
5.08.2019	590,043	0,001	339,957	0,001	184,298	0,001	108,439	0,001	58,9343	0,06205	20,849	0,86378	10,9037	0,79135	3,65532	0,76618	0,83308	0,55243	3
6.08.2019	591,689	0,001	341,218	0,001	185,369	0,001	109,379	0,001	59,9181	0,05145	21,2105	0,84882	11,1859	0,77076	3,85118	0,74332	0,87514	0,53833	3
7.08.2019	592	0,001	341,096	0,001	184,966	0,001	108,831	0,001	59,7194	0,05346	21,389	0,84079	11,1078	0,77646	3,98545	0,72765	1,04545	0,4812	3
8.08.2019	591,714	0,001	340,562	0,001	184,562	0,001	108,092	0,001	59,2212	0,05878	21,6356	0,82971	11,2706	0,76458	4,22817	0,69933	1,31758	0,38992	3
9.08.2019	591,225	0,001	339,682	0,001	183,29	0,001	106,891	0,001	57,8232	0,07617	21,209	0,84888	10,8127	0,79799	3,93778	0,73322	1,07924	0,46987	3
10.08.2019	593,404	0,001	340,093	0,001	183,91	0,001	107,382	0,001	58,5709	0,06638	21,6209	0,83037	11,2814	0,76379	4,05231	0,71985	1,15334	0,44501	3
11.08.2019	594,053	0,001	340,48	0,001	183,932	0,001	107,301	0,001	58,2949	0,06983	21,4836	0,83654	11,1901	0,77045	3,9598	0,73065	1,16626	0,44068	3
12.08.2019	592,587	0,001	338,899	0,001	182,318	0,001	105,637	0,001	56,6292	0,0942	21,1868	0,84988	10,9265	0,78968	3,86855	0,7413	1,14001	0,44948	3
13.08.2019	590,929	0,001	337,158	0,001	180,667	0,001	104,093	0,001	54,983	0,1247	20,5578	0,87566	10,4913	0,82083	3,49711	0,78464	0,90926	0,52688	3
14.08.2019	592,916	0,001	338,587	0,001	182,044	0,001	105,199	0,001	55,7401	0,11033	20,5825	0,87473	10,5898	0,81385	3,3597	0,80077	0,66347	0,60932	3
15.08.2019	593,454	0,001	339,064	0,001	182,251	0,001	105,327	0,001	55,9061	0,10718	20,5893	0,87445	10,5317	0,81797	3,41641	0,79406	0,79396	0,56556	3
16.08.2019	593,875	0,001	339,237	0,001	182,166	0,001	105,14	0,001	55,5892	0,11319	20,3944	0,88167	10,3578	0,82995	3,30853	0,80758	0,69459	0,59889	3
17.08.2019	594,716	0,001	339,691	0,001	182,469	0,001	105,322	0,001	55,7849	0,10948	20,486	0,87831	10,3871	0,82801	3,3659	0,79995	0,66522	0,60874	3
18.08.2019	596,194	0,001	340,738	0,001	183,317	0,001	106,027	0,001	56,5554	0,09541	20,7737	0,86687	10,6656	0,80847	3,53285	0,78047	0,78291	0,56926	3
19.08.2019	596,434	0,001	340,651	0,001	182,989	0,001	105,642	0,001	56,1134	0,10325	20,7234	0,86894	10,5403	0,81736	3,56388	0,77685	0,81762	0,55762	3
20.08.2019	596,162	0,001	340,001	0,001	182,145	0,001	104,719	0,001	55,036	0,12369	20,433	0,88025	10,2835	0,83488	3,35223	0,80177	0,65989	0,61053	3
21.08.2019	597,085	0,001	340,463	0,001	182,591	0,001	105,106	0,001	55,4033	0,11672	20,4573	0,87936	10,3484	0,83057	3,28613	0,81057	0,56507	0,64233	3
22.08.2019	598,371	0,001	341,416	0,001	183,129	0,001	105,498	0,001	55,8464	0,10831	20,5948	0,87422	10,4812	0,82155	3,3454	0,80268	0,60687	0,62831	3
23.08.2019	598,421	0,001	341,212	0,001	182,74	0,001	104,973	0,001	55,1514	0,1215	20,379	0,88224	10,3223	0,83231	3,25742	0,81439	0,55463	0,64583	3
24.08.2019	599,029	0,001	341,476	0,001	182,845	0,001	105,001	0,001	55,1294	0,12192	20,3707	0,88254	10,3248	0,83214	3,22504	0,8187	0,46792	0,67492	3
25.08.2019	600,291	0,001	342,366	0,001	183,561	0,001	105,505	0,001	55,5125	0,11465	20,4768	0,87864	10,4002	0,82714	3,23322	0,81761	0,46499	0,6759	3
26.08.2019	600,983	0,001	342,708	0,001	183,558	0,001	105,405	0,001	55,3095	0,1185	20,3534	0,88318	10,2625	0,83627	3,15912	0,82736	0,42072	0,69075	3
27.08.2019	601,153	0,001	342,506	0,001	183,142	0,001	104,93	0,001	54,7913	0,1289	20,1829	0,88944	10,1175	0,84588	3,05725	0,84033	0,33876	0,71824	3
28.08.2019	602,167	0,001	343,157	0,001	183,56	0,001	105,174	0,001	54,8287	0,12807	20,1025	0,8924	10,0652	0,84935	2,93839	0,85517	0,17756	0,77231	3
29.08.2019	603,655	0,001	344,263	0,001	184,346	0,001	105,844	0,001	55,4132	0,11653	20,1636	0,89015	10,158	0,8432	2,92569	0,8567	0,09018	0,80538	3

30.08.2019	604,517	0,001	344,662	0,001	184,521	0,001	105,895	0,001	55,4749	0,11536	20,1527	0,89055	10,1283	0,84516	2,91388	0,85812	0,10029	0,79823	3
31.08.2019	605,991	0,001	345,38	0,001	185,045	0,001	106,423	0,001	55,8866	0,10755	20,2341	0,88756	10,2207	0,83904	2,94946	0,85384	0,05897	0,84265	3
1.09.2019	607,212	0,001	346,22	0,001	185,641	0,001	106,942	0,001	56,4993	0,09636	20,3794	0,88222	10,3386	0,83122	3,04881	0,84141	0,1021	0,79762	3
2.09.2019	607,678	0,001	346,23	0,001	185,575	0,001	106,754	0,001	56,3518	0,09886	20,3292	0,88407	10,3027	0,8336	3,09546	0,83547	0,1447	0,78333	3
3.09.2019	608,189	0,001	346,418	0,001	185,686	0,001	106,814	0,001	56,2709	0,10026	20,3509	0,88327	10,3098	0,83314	3,10675	0,83403	0,12955	0,78841	3
4.09.2019	608,69	0,001	346,623	0,001	185,777	0,001	106,882	0,001	56,3411	0,09904	20,4011	0,88142	10,3649	0,82948	3,11826	0,83257	0,09925	0,79857	3
5.09.2019	608,357	0,001	345,977	0,001	184,918	0,001	105,814	0,001	55,6416	0,1122	20,2763	0,88601	10,2554	0,83674	3,08333	0,83701	0,12237	0,79082	3
6.09.2019	463,758	0,001	294,065	0,001	172,627	0,001	98,1338	0,00389	49,341	0,31081	21,0202	0,85674	10,3953	0,82747	3,12896	0,8312	0,14245	0,78408	4
7.09.2019	463,654	0,001	293,793	0,001	172,312	0,001	97,7446	0,0041	49,1352	0,31951	21,0448	0,85573	10,4182	0,82595	3,14142	0,82962	0,14743	0,78241	4
8.09.2019	464,007	0,001	294,082	0,001	172,492	0,001	97,8381	0,00405	49,0965	0,32114	21,0733	0,85456	10,4638	0,82278	3,14415	0,82927	0,14664	0,78268	4
9.09.2019	463,481	0,001	293,59	0,001	172,127	0,001	97,3799	0,0043	48,6761	0,33892	21,0781	0,85436	10,4673	0,82253	3,12135	0,83217	0,12282	0,79067	4
10.09.2019	464,371	0,001	294,274	0,001	172,675	0,001	97,8397	0,00405	48,9643	0,32673	21,0647	0,85491	10,4737	0,82208	3,13453	0,83049	0,12633	0,78949	4
11.09.2019	465,401	0,001	295,311	0,001	173,238	0,001	98,1847	0,00386	49,5685	0,30119	21,1355	0,852	10,536	0,81766	3,1401	0,82979	0,09522	0,79993	4
12.09.2019	465,242	0,001	295,306	0,001	173,06	0,001	97,9041	0,00401	49,3943	0,30856	21,1326	0,85212	10,4993	0,82026	3,13773	0,83009	0,08407	0,8122	4
13.09.2019	465,331	0,001	295,381	0,001	173,005	0,001	97,747	0,0041	49,3312	0,31122	21,1684	0,85065	10,5181	0,81893	3,15531	0,82785	0,0865	0,80949	4
14.09.2019	465,201	0,001	295,38	0,001	172,906	0,001	97,5718	0,00419	49,2852	0,31317	21,1814	0,85012	10,534	0,81781	3,15798	0,82751	0,0744	0,82299	4
15.09.2019	465,518	0,001	295,888	0,001	173,253	0,001	97,8127	0,00406	49,3853	0,30894	21,1585	0,85106	10,5457	0,81697	3,15872	0,82742	0,05425	0,84877	4
16.09.2019	465,716	0,001	296,283	0,001	173,68	0,001	98,1393	0,00388	49,5637	0,30139	21,1477	0,8515	10,5444	0,81706	3,16584	0,82651	0,05126	0,85312	4
17.09.2019	465,68	0,001	295,708	0,001	173,488	0,001	97,9346	0,00399	49,3861	0,3089	21,1238	0,85248	10,5075	0,81968	3,18417	0,82414	0,06957	0,82892	4
18.09.2019	465,623	0,001	295,034	0,001	173,746	0,001	98,1029	0,0039	49,2552	0,31443	21,1427	0,85171	10,5056	0,81982	3,18701	0,82376	0,12017	0,79156	4
19.09.2019	466,032	0,001	295,767	0,001	174,136	0,001	98,369	0,00376	49,385	0,30895	21,101	0,85342	10,4119	0,82637	3,14682	0,82893	0,06829	0,83058	4
20.09.2019	465,649	0,001	295,483	0,001	173,351	0,001	97,4883	0,00424	49,1077	0,32067	21,0781	0,85436	10,3996	0,82718	3,14142	0,82962	0,06638	0,83305	4
21.09.2019	465,623	0,001	295,494	0,001	173,578	0,001	97,5948	0,00418	49,2697	0,31382	21,1521	0,85132	10,4664	0,8226	3,148	0,82878	0,06172	0,83909	4
22.09.2019	465,718	0,001	295,823	0,001	173,865	0,001	97,7769	0,00408	49,2712	0,31376	21,1162	0,8528	10,4424	0,8243	3,11711	0,83271	0,03218	0,88387	4
23.09.2019	465,567	0,001	295,671	0,001	173,53	0,001	97,333	0,00432	48,3709	0,35182	20,9519	0,85955	10,3338	0,83154	3,08539	0,83675	0,00127	0,97692	4
24.09.2019	467,3	0,001	297,211	0,001	174,729	0,001	98,5627	0,00365	49,4357	0,3068	20,9704	0,85879	10,4219	0,8257	3,12186	0,83211	0,01165	0,92985	4
25.09.2019	467,702	0,001	297,58	0,001	175,176	0,001	98,6363	0,00361	49,3857	0,30892	20,9078	0,86136	10,3786	0,82858	3,10763	0,83392	0,01621	0,91709	4
26.09.2019	468,262	0,001	298,236	0,001	175,787	0,001	99,1636	0,00332	49,7567	0,29323	20,8925	0,86199	10,3973	0,82733	3,12261	0,83201	0,02475	0,89783	4
27.09.2019	467,755	0,001	297,807	0,001	175,665	0,001	98,9334	0,00345	49,678	0,29656	20,8907	0,86206	10,3457	0,83075	3,13989	0,82981	0,02736	0,89293	4
28.09.2019	468,178	0,001	298,288	0,001	175,838	0,001	98,9747	0,00342	49,5434	0,30225	20,8934	0,86195	10,3365	0,83137	3,15514	0,82787	0,03612	0,87646	4
29.09.2019	468,695	0,001	298,574	0,001	175,987	0,001	99,0107	0,0034	49,9152	0,28653	20,9588	0,85926	10,3868	0,82803	3,16951	0,82604	0,03848	0,8726	4
30.09.2019	468,815	0,001	298,562	0,001	175,875	0,001	98,7726	0,00354	49,8714	0,28838	20,9705	0,85878	10,3815	0,82838	3,16998	0,82598	0,03467	0,87919	4
1.10.2019	469,197	0,001	298,804	0,001	175,908	0,001	98,7022	0,00357	49,8581	0,28895	21,0008	0,85754	10,3973	0,82733	3,17094	0,82586	0,03173	0,88472	4
2.10.2019	469,389	0,001	298,77	0,001	175,781	0,001	98,4717	0,0037	49,7401	0,29393	21,0199	0,85675	10,4027	0,82697	3,18022	0,82466	0,03491	0,87874	4
3.10.2019	470,121	0,001	299,281	0,001	176,086	0,001	98,6725	0,00359	49,7798	0,29226	21,0414	0,85587	10,4172	0,82601	3,18387	0,82418	0,03602	0,87666	4
4.10.2019	470,377	0,001	299,316	0,001	176,035	0,001	98,5393	0,00366	49,7578	0,29319	21,0668	0,85482	10,4315	0,82507	3,18735	0,82372	0,03541	0,87781	4
5.10.2019	470,739	0,001	299,503	0,001	176,095	0,001	98,4921	0,00369	49,5291	0,30286	21,0522	0,85542	10,4166	0,82605	3,19435	0,82278	0,04313	0,86551	4
6.10.2019	471,457	0,001	299,921	0,001	176,404	0,001	98,6959	0,00358	49,9766	0,28394	21,119	0,85268	10,4637	0,82279	3,19614	0,82255	0,03406	0,88033	4
7.10.2019	471,17	0,001	299,498	0,001	175,8	0,001	97,9977	0,00396	49,6631	0,29719	21,1194	0,85266	10,4487	0,82385	3,1932	0,82294	0,03188	0,88444	4
8.10.2019	471,827	0,001	299,88	0,001	176,061	0,001	98,154	0,00387	49,9237	0,28617	21,1635	0,85085	10,4758	0,82193	3,19367	0,82287	0,02053	0,90675	4

9.10.2019	470,907	0,001	298,836	0,001	175,064	0,001	97,1048	0,00445	49,2925	0,31286	21,1473	0,85152	10,4127	0,82631	3,18298	0,8243	0,01123	0,93115	4
10.10.2019	471,628	0,001	299,356	0,001	175,414	0,001	97,3087	0,00434	49,0612	0,32263	21,1522	0,85131	10,4089	0,82656	3,19324	0,82293	0,01697	0,91507	4
11.10.2019	472,327	0,001	299,644	0,001	175,467	0,001	97,2347	0,00438	49,4314	0,30699	21,2294	0,84797	10,483	0,82142	3,20296	0,82164	0,01983	0,90835	4
12.10.2019	472,549	0,001	299,69	0,001	175,298	0,001	96,9789	0,00452	49,2689	0,31386	21,2387	0,84755	10,4684	0,82245	3,1944	0,82278	0,01549	0,91899	4
13.10.2019	472,233	0,001	299,144	0,001	174,903	0,001	96,6003	0,00473	48,845	0,33178	21,2222	0,84829	10,4319	0,82504	3,17661	0,82514	0,00407	0,95865	4
14.10.2019	472,442	0,001	299,069	0,001	174,74	0,001	96,3228	0,00488	48,5568	0,34396	21,2066	0,84899	10,4069	0,8267	3,18163	0,82448	0,00676	0,94643	4
15.10.2019	472,933	0,001	299,322	0,001	174,863	0,001	96,3787	0,00485	48,452	0,34839	21,2085	0,84891	10,386	0,82808	3,17879	0,82485	0,00764	0,94308	4
16.10.2019	473,761	0,001	299,95	0,001	175,113	0,001	96,4431	0,00481	48,7334	0,33649	21,2914	0,84518	10,4594	0,82309	3,18534	0,82398	0,01018	0,93445	4
17.10.2019	473,664	0,001	299,596	0,001	174,672	0,001	96,0648	0,00505	48,4995	0,34638	21,2527	0,84692	10,4025	0,82699	3,16359	0,8268	0,00513	0,95348	4
18.10.2019	474,359	0,001	300,071	0,001	174,97	0,001	96,209	0,00494	48,547	0,34437	21,3036	0,84463	10,4458	0,82405	3,17276	0,82563	0,0073	0,94429	4
19.10.2019	474,906	0,001	300,385	0,001	175,114	0,001	96,2485	0,00492	48,7371	0,33634	21,3605	0,84208	10,4793	0,82168	3,17778	0,82499	0,00325	0,96308	4
20.10.2019	475,196	0,001	300,48	0,001	175,153	0,001	96,1697	0,00496	48,6473	0,34013	21,3864	0,84091	10,4854	0,82125	3,18431	0,82412	0,00432	0,95739	4
21.10.2019	475,764	0,001	300,81	0,001	175,284	0,001	96,2281	0,00493	48,5792	0,34301	21,4189	0,83945	10,5055	0,81983	3,18964	0,82341	0,0064	0,94791	4
22.10.2019	475,968	0,001	300,81	0,001	175,071	0,001	96,0954	0,00501	48,2431	0,35722	21,3855	0,84095	10,4703	0,82232	3,18438	0,82411	0,01602	0,91757	4
23.10.2019	477,272	0,001	301,89	0,001	175,986	0,001	96,7733	0,00463	48,7764	0,33467	21,4635	0,83744	10,5672	0,81545	3,21808	0,81962	0,02821	0,89133	4
24.10.2019	478,027	0,001	302,385	0,001	176,304	0,001	96,914	0,00455	49,4731	0,30522	21,6134	0,83071	10,6714	0,80806	3,22397	0,81884	0,00417	0,95815	4
25.10.2019	477,842	0,001	302,095	0,001	175,932	0,001	96,4339	0,00482	49,3218	0,31162	21,6499	0,82907	10,6736	0,80791	3,23071	0,81794	6,7E-06	0,99873	4
26.10.2019	477,513	0,001	301,542	0,001	175,61	0,001	95,9648	0,0052	49,1606	0,31843	21,6955	0,82702	10,7072	0,80552	3,25593	0,81459	0,00017	0,9917	4
27.10.2019	477,446	0,001	301,194	0,001	175,408	0,001	95,6623	0,00565	48,7342	0,33646	21,7322	0,82537	10,7297	0,80392	3,26358	0,81357	0,00013	0,99368	4
28.10.2019	478,415	0,001	302,085	0,001	175,649	0,001	95,9361	0,00524	48,6973	0,33802	21,7732	0,82342	10,76	0,80178	3,27277	0,81234	0,00237	0,9688	4
29.10.2019	478,59	0,001	302,096	0,001	175,496	0,001	95,7425	0,00553	48,1612	0,36068	21,7542	0,82433	10,7258	0,8042	3,26778	0,81301	0,0028	0,96571	4
30.10.2019	479,567	0,001	302,852	0,001	176,101	0,001	96,2273	0,00493	48,4497	0,34848	21,7915	0,82253	10,75	0,80249	3,27145	0,81252	0,00249	0,96794	4
31.10.2019	480,132	0,001	303,182	0,001	176,14	0,001	96,1229	0,00499	48,5714	0,34334	21,8285	0,82074	10,775	0,80071	3,26709	0,8131	0,00357	0,96128	4
1.11.2019	480,695	0,001	303,511	0,001	176,314	0,001	96,1979	0,00495	48,635	0,34065	21,8959	0,81749	10,826	0,79702	3,2621	0,81376	0,00476	0,9552	4
2.11.2019	480,802	0,001	303,509	0,001	176,155	0,001	95,9385	0,00524	48,3615	0,35221	21,9119	0,81671	10,819	0,79753	3,25213	0,81509	0,00505	0,95388	4
3.11.2019	481,535	0,001	303,981	0,001	176,49	0,001	96,1668	0,00496	48,5989	0,34218	21,9749	0,81367	10,8458	0,79557	3,26536	0,81333	0,00762	0,94316	4
4.11.2019	481,919	0,001	304,147	0,001	176,482	0,001	96,059	0,00506	48,4163	0,3499	21,981	0,81337	10,8452	0,79561	3,2473	0,81573	0,00908	0,93806	4
5.11.2019	482,727	0,001	304,713	0,001	176,902	0,001	96,372	0,00485	48,6315	0,3408	22,0267	0,81116	10,887	0,79257	3,23998	0,81671	0,0097	0,93601	4

Maximum Eigen Value Test Stat																		
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8	
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value
7.09.2018	131,31	0,001	124,845	0,001	53,3624	0,00316	27,4168	0,42611	17,9092	0,70993	12,7103	0,7237	5,4956	0,93052	1,59098	0,96109	0,82648	0,55465
8.09.2018	131,697	0,001	125,319	0,001	53,2522	0,00324	27,4666	0,42289	17,9219	0,70903	12,7305	0,72208	5,46403	0,93237	1,60254	0,96021	0,80481	0,56191
9.09.2018	132,006	0,001	125,532	0,001	53,1977	0,00328	27,5338	0,41854	17,9721	0,70548	12,7584	0,71986	5,53744	0,928	1,61513	0,95921	0,80867	0,56062
10.09.2018	132,282	0,001	125,922	0,001	53,2212	0,00327	27,6026	0,41408	18,0683	0,69865	12,7829	0,71791	5,56325	0,92643	1,63244	0,9578	0,78263	0,56935
11.09.2018	132,772	0,001	126,23	0,001	53,1755	0,0033	27,6102	0,41359	18,1419	0,69343	12,7176	0,72311	5,63371	0,92203	1,6244	0,95845	0,77848	0,57075
12.09.2018	133,004	0,001	126,629	0,001	52,8346	0,00357	27,6569	0,41056	18,0697	0,69855	12,7271	0,72235	5,57498	0,92571	1,63933	0,95725	0,77897	0,57058
13.09.2018	133,045	0,001	126,948	0,001	52,7767	0,00361	27,8132	0,40044	18,052	0,6998	12,7898	0,71736	5,6079	0,92366	1,6579	0,95574	0,7617	0,57637
14.09.2018	133,326	0,001	127,24	0,001	52,8433	0,00356	27,8927	0,39529	18,1179	0,69514	12,9259	0,7065	5,65647	0,9206	1,60972	0,95964	0,71376	0,59245
15.09.2018	133,212	0,001	127,308	0,001	52,8332	0,00357	27,9701	0,39028	18,1093	0,69574	12,9791	0,70226	5,63239	0,92212	1,63328	0,95774	0,70452	0,59555
16.09.2018	133,642	0,001	127,411	0,001	52,8148	0,00358	28,0471	0,38529	18,2735	0,6841	12,9865	0,70167	5,66938	0,91977	1,63905	0,95727	0,76354	0,57576
17.09.2018	134,12	0,001	127,885	0,001	52,7165	0,00366	28,0912	0,38243	18,2727	0,68416	13,005	0,70019	5,58928	0,92484	1,64958	0,95642	0,75395	0,57898
18.09.2018	134,478	0,001	128,226	0,001	52,3742	0,00392	28,1896	0,37606	18,2485	0,68587	13,074	0,69469	5,57085	0,92596	1,66843	0,95489	0,77803	0,5709
19.09.2018	134,801	0,001	128,562	0,001	52,2023	0,00406	28,2712	0,37077	18,2651	0,6847	13,1038	0,69232	5,62254	0,92274	1,66586	0,9551	0,7704	0,57346
20.09.2018	135,255	0,001	128,901	0,001	51,1937	0,00484	28,3124	0,3681	18,111	0,69563	13,2387	0,68156	5,73338	0,91558	1,67131	0,95464	0,75437	0,57883
21.09.2018	135,641	0,001	129,191	0,001	50,5354	0,00598	28,2746	0,37055	18,0492	0,70001	13,3124	0,67568	5,68887	0,9185	1,6847	0,95349	0,85981	0,54347
22.09.2018	135,953	0,001	128,867	0,001	50,2333	0,00663	28,291	0,36949	17,9975	0,70367	13,346	0,673	5,68436	0,91879	1,66971	0,95478	0,91159	0,5261
23.09.2018	137,133	0,001	130,069	0,001	50,5789	0,00589	28,465	0,35822	18,1497	0,69288	13,1738	0,68674	5,86918	0,90632	1,64118	0,9571	0,97753	0,50398
24.09.2018	135,076	0,001	129,831	0,001	50,3771	0,00632	28,5412	0,35328	18,1561	0,69243	12,9573	0,704	5,74358	0,91491	1,59446	0,96082	1,03694	0,48405
25.09.2018	135,268	0,001	127,932	0,001	49,7376	0,00769	28,6168	0,34838	18,0926	0,69693	13,1731	0,68679	5,73238	0,91565	1,58102	0,96184	1,03885	0,48341
26.09.2018	135,408	0,001	126,241	0,001	49,8543	0,00744	28,6867	0,34386	17,8829	0,7118	13,0364	0,69769	5,65169	0,9209	1,60846	0,95974	0,97433	0,50505
27.09.2018	135,855	0,001	126,57	0,001	50,1147	0,00688	28,7451	0,34008	18,0184	0,70219	13,0284	0,69832	5,76035	0,91378	1,60838	0,95975	0,93787	0,51728
28.09.2018	135,996	0,001	125,805	0,001	50,089	0,00694	28,805	0,3362	18,0279	0,70151	12,9834	0,70191	5,72854	0,9159	1,60869	0,95973	0,94002	0,51656
29.09.2018	136,06	0,001	125,382	0,001	49,816	0,00752	28,8585	0,33273	17,9313	0,70837	13,1475	0,68883	5,68422	0,9188	1,6126	0,95941	0,96142	0,50939
30.09.2018	136,238	0,001	125,766	0,001	49,7398	0,00768	28,9393	0,3275	18,0088	0,70287	13,1877	0,68563	5,69155	0,91832	1,61665	0,95908	0,96163	0,50932
1.10.2018	136,41	0,001	125,736	0,001	49,6735	0,00783	29,0087	0,323	18,0209	0,70201	13,1414	0,68932	5,69487	0,9181	1,62598	0,95833	0,98285	0,5022
2.10.2018	135,965	0,001	125,264	0,001	49,9265	0,00728	29,0531	0,32013	18,1245	0,69466	13,0971	0,69285	5,73207	0,91567	1,60902	0,9597	0,87248	0,53922
3.10.2018	136,279	0,001	124,46	0,001	49,7196	0,00773	29,1467	0,31406	18,1535	0,69261	13,1885	0,68556	5,75286	0,91429	1,61774	0,95899	0,78694	0,56791
4.10.2018	136,378	0,001	124,423	0,001	49,7331	0,0077	29,2349	0,30835	18,2105	0,68857	13,2173	0,68327	5,78822	0,9119	1,63582	0,95753	0,78973	0,56697
5.10.2018	136,548	0,001	124,622	0,001	49,8508	0,00745	29,2803	0,30541	18,2548	0,68542	13,2371	0,68168	5,79075	0,91173	1,63521	0,95758	0,71707	0,59134
6.10.2018	136,623	0,001	124,485	0,001	50,0709	0,00698	29,3944	0,29802	18,3528	0,67848	13,2415	0,68133	5,80484	0,91078	1,64795	0,95655	0,70626	0,59497
7.10.2018	136,965	0,001	125,2	0,001	50,2549	0,00658	29,4707	0,29308	18,4649	0,67052	13,279	0,67834	5,85842	0,90707	1,65705	0,95581	0,6273	0,62146
8.10.2018	137,231	0,001	125,251	0,001	50,3033	0,00648	29,5444	0,28831	18,474	0,66988	13,2634	0,67959	5,83957	0,90839	1,67377	0,95443	0,69569	0,59852
9.10.2018	137,525	0,001	125,2	0,001	50,2155	0,00667	29,6157	0,28369	18,5347	0,66558	13,2684	0,67919	5,82021	0,90973	1,67919	0,95396	0,73489	0,58537
10.10.2018	164,457	0,001	110,549	0,001	64,908	0,001	43,7187	0,00666	26,6449	0,1387	14,421	0,58728	5,82765	0,90922	1,68257	0,95367	0,53046	0,65394
11.10.2018	164,879	0,001	109,354	0,001	64,8219	0,001	44,0382	0,00595	26,7197	0,13616	14,5079	0,58035	5,75118	0,9144	1,69053	0,95299	0,53728	0,65165
12.10.2018	165,27	0,001	110,034	0,001	64,9616	0,001	44,0467	0,00593	26,7797	0,13412	14,6674	0,56763	5,8373	0,90854	1,69986	0,95219	0,4942	0,6661
13.10.2018	165,776	0,001	110,223	0,001	65,0879	0,001	44,1331	0,00573	26,8657	0,1312	14,7002	0,56501	5,79434	0,91149	1,71651	0,95075	0,49786	0,66487

14.10.2018	166,215	0,001	110,336	0,001	65,1708	0,001	44,2612	0,00545	26,9376	0,12875	14,7578	0,56042	5,83617	0,90862	1,72907	0,94966	0,45477	0,67932
15.10.2018	166,621	0,001	110,711	0,001	65,3954	0,001	44,0882	0,00583	26,9407	0,12865	14,7874	0,55806	5,84626	0,90792	1,71696	0,95072	0,39909	0,698
16.10.2018	166,978	0,001	110,894	0,001	65,4242	0,001	44,2788	0,00541	27,0104	0,12628	14,7741	0,55912	5,79375	0,91153	1,72939	0,94963	0,44581	0,68233
17.10.2018	167,31	0,001	111,288	0,001	65,4949	0,001	44,4251	0,00508	27,0969	0,12359	14,7079	0,5644	5,81982	0,90976	1,72482	0,95004	0,45422	0,67951
18.10.2018	167,668	0,001	111,499	0,001	65,7172	0,001	44,5325	0,00494	27,1307	0,12262	14,653	0,56878	5,8129	0,91024	1,71799	0,95063	0,47517	0,67248
19.10.2018	168,14	0,001	111,636	0,001	65,856	0,001	44,6036	0,00488	27,1817	0,12115	14,6714	0,56731	5,78131	0,91237	1,71481	0,9509	0,47995	0,67088
20.10.2018	168,558	0,001	111,763	0,001	65,8684	0,001	44,7531	0,00476	27,2465	0,11929	14,6677	0,56761	5,74141	0,91506	1,71948	0,9505	0,47252	0,67337
21.10.2018	168,974	0,001	111,829	0,001	65,9809	0,001	44,795	0,00473	27,3057	0,11758	14,68	0,56663	5,72488	0,91614	1,72404	0,95011	0,47255	0,67336
22.10.2018	169,381	0,001	112,054	0,001	66,0883	0,001	44,8955	0,00465	27,3793	0,11546	14,6824	0,56643	5,72063	0,91642	1,72886	0,94968	0,4635	0,6764
23.10.2018	169,77	0,001	112,213	0,001	66,2476	0,001	44,9172	0,00463	27,4022	0,1148	14,6995	0,56507	5,71935	0,9165	1,73199	0,9494	0,45563	0,67904
24.10.2018	170,166	0,001	112,251	0,001	66,3986	0,001	44,9677	0,00459	27,4702	0,11285	14,7489	0,56113	5,70199	0,91764	1,73637	0,949	0,45911	0,67787
25.10.2018	170,526	0,001	112,37	0,001	66,4998	0,001	45,0456	0,00453	27,5276	0,11119	14,7996	0,55709	5,7217	0,91635	1,74513	0,94821	0,44956	0,68107
26.10.2018	170,908	0,001	112,522	0,001	66,6516	0,001	45,0571	0,00452	27,5972	0,10919	14,8458	0,5534	5,73381	0,91556	1,7532	0,94749	0,44241	0,68347
27.10.2018	171,333	0,001	112,493	0,001	66,795	0,001	45,0752	0,0045	27,6481	0,10772	14,8982	0,54922	5,71852	0,91656	1,76353	0,94656	0,44658	0,68207
28.10.2018	171,743	0,001	112,84	0,001	66,9241	0,001	45,0309	0,00454	27,7532	0,1047	14,928	0,54685	5,73463	0,9155	1,77044	0,94593	0,46154	0,67706
29.10.2018	172,169	0,001	112,838	0,001	67,0397	0,001	45,1406	0,00445	27,8075	0,10313	14,9706	0,54345	5,66725	0,91991	1,77913	0,94515	0,45921	0,67784
30.10.2018	172,575	0,001	113,02	0,001	67,1806	0,001	45,2198	0,00438	27,8656	0,10146	15,0105	0,54027	5,70388	0,91751	1,78333	0,94476	0,45199	0,68026
31.10.2018	172,978	0,001	113,069	0,001	67,2955	0,001	45,2967	0,00432	27,9162	0,1	15,0254	0,53908	5,69888	0,91784	1,79342	0,94381	0,44953	0,68108
1.11.2018	173,384	0,001	113,121	0,001	67,4879	0,001	45,1961	0,0044	27,964	0,09878	15,0752	0,53511	5,71967	0,91648	1,79438	0,94372	0,44768	0,6817
2.11.2018	173,774	0,001	113,57	0,001	67,683	0,001	45,4274	0,00422	28,066	0,09617	15,0412	0,53782	5,74887	0,91456	1,80089	0,94311	0,44978	0,681
3.11.2018	174,157	0,001	113,685	0,001	67,8713	0,001	45,5811	0,00409	28,1177	0,09486	15,0216	0,53939	5,70618	0,91736	1,80152	0,94305	0,42507	0,68929
4.11.2018	174,436	0,001	113,707	0,001	68,028	0,001	45,7541	0,00395	28,183	0,09326	14,9904	0,54187	5,6884	0,91853	1,80023	0,94317	0,44318	0,68321
5.11.2018	174,605	0,001	113,863	0,001	68,1951	0,001	45,8602	0,00387	28,2225	0,09229	15,0113	0,54021	5,67873	0,91916	1,80232	0,94297	0,41511	0,69263
6.11.2018	174,631	0,001	114,236	0,001	68,2712	0,001	46,0237	0,00373	28,2502	0,09161	14,9038	0,54878	5,65879	0,92045	1,80802	0,94244	0,46604	0,67554
7.11.2018	175,158	0,001	113,998	0,001	68,4362	0,001	46,0337	0,00372	28,3206	0,08989	14,8665	0,55175	5,53592	0,92809	1,80068	0,94313	0,44648	0,68211
8.11.2018	175,621	0,001	114,296	0,001	68,6075	0,001	46,155	0,00363	28,3779	0,08855	14,8989	0,54917	5,62104	0,92283	1,80003	0,94319	0,45559	0,67905
9.11.2018	176,036	0,001	114,584	0,001	68,8234	0,001	46,2456	0,00355	28,4459	0,08696	14,9476	0,54529	5,59582	0,92442	1,80628	0,9426	0,42584	0,68903
10.11.2018	176,389	0,001	114,805	0,001	68,9863	0,001	46,3497	0,00347	28,5138	0,08537	14,9168	0,54774	5,56476	0,92633	1,80817	0,94242	0,46604	0,67555
11.11.2018	176,671	0,001	115,266	0,001	69,1075	0,001	46,5089	0,00334	28,5678	0,08415	14,7911	0,55776	5,58826	0,9249	1,80888	0,94236	0,47426	0,67279
12.11.2018	177,092	0,001	115,465	0,001	69,2715	0,001	46,5479	0,00331	28,6158	0,08309	14,7785	0,55877	5,46914	0,93207	1,80693	0,94254	0,51494	0,65914
13.11.2018	177,514	0,001	115,529	0,001	69,4314	0,001	46,3446	0,00347	28,6943	0,08134	14,9013	0,54898	5,30568	0,94127	1,80219	0,94299	0,62481	0,62229
14.11.2018	177,935	0,001	115,716	0,001	69,5334	0,001	46,5634	0,0033	28,7623	0,07984	15,0992	0,5332	5,34635	0,93906	1,82073	0,94124	0,6376	0,618
15.11.2018	178,354	0,001	116,068	0,001	69,6644	0,001	46,6748	0,0032	28,847	0,07806	15,079	0,5348	5,42846	0,93445	1,83099	0,94027	0,71224	0,59297
16.11.2018	178,664	0,001	116,358	0,001	69,8092	0,001	46,7943	0,00311	28,9231	0,07645	15,1466	0,52942	5,42878	0,93443	1,84128	0,93927	0,76164	0,57639
17.11.2018	179,084	0,001	116,552	0,001	69,9472	0,001	46,8846	0,00303	28,9633	0,07561	15,1238	0,53123	5,38598	0,93685	1,8489	0,93852	0,81012	0,56013
18.11.2018	179,635	0,001	116,945	0,001	70,1113	0,001	46,5627	0,0033	29,1247	0,07236	15,1242	0,5312	5,16544	0,9485	1,82541	0,9408	0,93588	0,51795
19.11.2018	180,055	0,001	116,811	0,001	70,217	0,001	46,6843	0,0032	29,2317	0,07023	15,2052	0,52474	5,10759	0,95133	1,85149	0,93826	1,1588	0,44318
20.11.2018	180,486	0,001	115,872	0,001	69,9489	0,001	46,7461	0,00315	29,1414	0,07203	15,448	0,50538	5,244	0,94455	1,89315	0,93411	1,16754	0,44025
21.11.2018	180,838	0,001	116,806	0,001	70,0959	0,001	46,5621	0,0033	29,3167	0,06863	15,6371	0,49031	5,35184	0,93875	1,89218	0,93421	1,19588	0,43074
22.11.2018	181,328	0,001	116,795	0,001	70,2187	0,001	46,6103	0,00326	29,436	0,06639	15,8577	0,47271	5,25043	0,94421	1,95196	0,92803	1,19029	0,43262

23.11.2018	181,74	0,001	116,406	0,001	70,3442	0,001	46,2003	0,00359	29,7337	0,06109	15,8995	0,46938	5,20094	0,94673	1,97413	0,92569	1,29296	0,39818
24.11.2018	182,1	0,001	115,826	0,001	70,5277	0,001	46,3254	0,00349	29,5897	0,06361	16,1751	0,4474	5,27339	0,94298	2,03097	0,91952	1,23783	0,41667
25.11.2018	182,505	0,001	115,826	0,001	70,4923	0,001	46,1922	0,0036	29,8977	0,05834	16,2405	0,44218	5,32132	0,94044	2,04709	0,91772	1,27405	0,40452
26.11.2018	182,846	0,001	115,837	0,001	70,7548	0,001	46,333	0,00348	29,9341	0,05775	16,3899	0,43027	5,34504	0,93913	2,09259	0,91258	1,24358	0,41474
27.11.2018	183,237	0,001	115,162	0,001	70,8563	0,001	46,6246	0,00325	29,7383	0,061	16,514	0,42038	5,40521	0,93578	2,09101	0,91276	1,19477	0,43111
28.11.2018	183,588	0,001	115,879	0,001	70,9365	0,001	46,7129	0,00317	29,9571	0,05738	16,5342	0,41876	5,43024	0,93435	2,08562	0,91337	1,16673	0,44052
29.11.2018	184,068	0,001	116,328	0,001	71,1713	0,001	46,6728	0,00321	30,2485	0,05284	16,5496	0,41753	5,37449	0,93749	2,06983	0,91518	1,20495	0,4277
30.11.2018	184,492	0,001	116,033	0,001	71,3081	0,001	46,8212	0,00309	30,0832	0,05533	16,5299	0,41911	5,35989	0,9383	2,08088	0,91392	1,19275	0,43179
1.12.2018	184,896	0,001	116,211	0,001	71,1713	0,001	46,8587	0,00306	30,1649	0,05409	16,521	0,41982	5,38506	0,9369	2,04564	0,91788	1,20746	0,42686
2.12.2018	185,328	0,001	116,407	0,001	71,3753	0,001	46,838	0,00307	30,2875	0,05226	16,5799	0,41512	5,34204	0,9393	2,05194	0,91718	1,24068	0,41572
3.12.2018	185,708	0,001	116,415	0,001	71,4783	0,001	46,8757	0,00304	30,2808	0,05236	16,6652	0,40832	5,33059	0,93994	2,05488	0,91685	1,21413	0,42462
4.12.2018	186,151	0,001	116,817	0,001	71,753	0,001	46,5086	0,00334	30,391	0,05072	16,767	0,40021	5,31204	0,94093	1,98469	0,92457	1,17124	0,43901
5.12.2018	186,572	0,001	117,083	0,001	72,0298	0,001	46,338	0,00348	30,5837	0,04803	16,8816	0,39107	5,30682	0,94121	1,97061	0,92606	1,16313	0,44173
6.12.2018	186,951	0,001	116,998	0,001	71,6027	0,001	46,6315	0,00324	30,8277	0,04473	16,9579	0,38498	5,32129	0,94044	2,05141	0,91724	1,19729	0,43027
7.12.2018	187,388	0,001	117,308	0,001	71,625	0,001	46,8134	0,00309	30,8743	0,04415	17,0053	0,3812	5,39715	0,93622	2,11696	0,90978	1,17274	0,4385
8.12.2018	187,885	0,001	117,565	0,001	71,7738	0,001	46,9072	0,00302	30,8906	0,04395	17,0525	0,37744	5,45859	0,93269	2,1232	0,90905	1,17241	0,43861
9.12.2018	188,791	0,001	117,854	0,001	71,9148	0,001	46,8826	0,00304	30,9942	0,04267	17,1087	0,37296	5,41665	0,93514	2,13799	0,90732	1,21411	0,42463
10.12.2018	189,189	0,001	118,027	0,001	72,0727	0,001	46,9058	0,00302	31,0331	0,04219	17,1434	0,37019	5,39662	0,93625	2,15093	0,9058	1,21306	0,42498
11.12.2018	189,33	0,001	118,17	0,001	72,2579	0,001	46,8766	0,00304	31,0302	0,04223	17,1798	0,36728	5,41239	0,93537	2,12521	0,90882	1,1843	0,43463
12.12.2018	189,57	0,001	118,395	0,001	72,3524	0,001	46,8111	0,00309	31,1711	0,04049	17,2174	0,36429	5,43306	0,93418	2,13303	0,9079	1,20323	0,42828
13.12.2018	189,794	0,001	118,594	0,001	72,4224	0,001	46,8783	0,00304	31,255	0,03951	17,2422	0,36231	5,45285	0,93302	2,17194	0,9033	1,21106	0,42565
14.12.2018	190,021	0,001	118,564	0,001	72,5211	0,001	46,8615	0,00305	31,305	0,03896	17,2686	0,3602	5,49048	0,93082	2,18806	0,90135	1,21472	0,42442
15.12.2018	131,506	0,001	103,523	0,001	61,5262	0,001	52,3716	0,001	25,3884	0,18739	17,0894	0,37449	5,72555	0,9161	2,69443	0,83341	1,17697	0,43709
16.12.2018	131,797	0,001	103,695	0,001	61,6582	0,001	52,4276	0,001	25,4024	0,18678	17,0915	0,37433	5,75096	0,91442	2,69736	0,83299	1,14411	0,44811
17.12.2018	132,082	0,001	103,867	0,001	61,6925	0,001	51,9876	0,001	25,4356	0,18533	17,1289	0,37134	5,79328	0,91156	2,69127	0,83387	1,13776	0,45024
18.12.2018	132,351	0,001	104,135	0,001	61,9885	0,001	51,3889	0,001	25,5117	0,182	17,1506	0,36961	5,78435	0,91216	2,66547	0,83758	1,13327	0,45174
19.12.2018	132,586	0,001	103,974	0,001	61,9576	0,001	51,3759	0,001	25,4307	0,18554	17,2073	0,36509	5,7724	0,91297	2,66287	0,83796	1,08135	0,46916
20.12.2018	132,776	0,001	103,795	0,001	62,1093	0,001	51,3011	0,001	25,6052	0,17791	17,2909	0,35843	5,76349	0,91357	2,66898	0,83708	1,08924	0,46651
21.12.2018	132,99	0,001	103,741	0,001	62,3997	0,001	51,6568	0,001	25,6559	0,17569	17,3435	0,35423	5,81138	0,91034	2,67738	0,83587	1,03333	0,48526
22.12.2018	133,277	0,001	104,146	0,001	62,4307	0,001	51,5061	0,001	25,7038	0,17375	17,3719	0,35197	5,79294	0,91158	2,66824	0,83719	1,03129	0,48595
23.12.2018	133,538	0,001	104,47	0,001	62,6674	0,001	51,846	0,001	25,7489	0,17199	17,3197	0,35613	5,82643	0,9093	2,69991	0,83262	1,02335	0,48861
24.12.2018	133,895	0,001	104,579	0,001	62,4565	0,001	51,6822	0,001	25,8043	0,16982	17,2711	0,36	5,81105	0,91036	2,69968	0,83265	1,07923	0,46987
25.12.2018	134,186	0,001	104,746	0,001	62,5763	0,001	51,9506	0,001	25,8511	0,168	17,2631	0,36064	5,84957	0,90769	2,73761	0,82719	1,09813	0,46353
26.12.2018	134,392	0,001	104,973	0,001	62,5281	0,001	51,6448	0,001	25,9159	0,16547	17,2806	0,35925	5,8575	0,90714	2,73727	0,82724	1,10473	0,46132
27.12.2018	134,843	0,001	104,831	0,001	62,5056	0,001	51,985	0,001	25,9478	0,16423	17,3044	0,35735	5,88487	0,90523	2,75733	0,82432	1,08045	0,46946
28.12.2018	135,067	0,001	105,251	0,001	62,713	0,001	51,6602	0,001	26,0135	0,16166	17,2433	0,36222	5,87417	0,90598	2,74697	0,82584	1,05466	0,47811
29.12.2018	135,381	0,001	105,247	0,001	62,753	0,001	51,9673	0,001	26,0666	0,15959	17,2129	0,36464	5,88607	0,90515	2,77492	0,82169	1,06516	0,47459
30.12.2018	135,637	0,001	105,544	0,001	62,732	0,001	51,7078	0,001	26,121	0,15747	17,1944	0,36612	5,89648	0,90441	2,77257	0,82204	1,06783	0,47369
31.12.2018	135,953	0,001	105,693	0,001	63,053	0,001	51,7374	0,001	26,1787	0,15522	17,2224	0,36389	5,90495	0,9038	2,74043	0,82678	1,04935	0,47989
1.01.2019	136,16	0,001	105,891	0,001	63,03	0,001	51,651	0,001	26,2213	0,15356	17,2099	0,36488	5,9291	0,90207	2,76501	0,82317	1,04061	0,48282

2.01.2019	136,443	0,001	106,179	0,001	63,2128	0,001	51,6608	0,001	26,2804	0,15125	17,1334	0,37098	5,93995	0,90129	2,79265	0,81903	1,03691	0,48406
3.01.2019	136,727	0,001	106,318	0,001	63,1608	0,001	51,8335	0,001	26,3343	0,14926	17,1469	0,36991	5,96395	0,89954	2,80435	0,81728	1,03428	0,48495
4.01.2019	137,013	0,001	106,636	0,001	63,2806	0,001	52,0786	0,001	26,3941	0,14722	17,104	0,37333	5,97042	0,89905	2,80803	0,81673	1,01423	0,49167
5.01.2019	137,294	0,001	106,738	0,001	63,4484	0,001	52,2836	0,001	26,4518	0,14526	17,0066	0,38109	6,00225	0,8966	2,81458	0,81575	0,9973	0,49735
6.01.2019	137,565	0,001	106,88	0,001	63,4173	0,001	52,1469	0,001	26,5128	0,14319	17,0477	0,37782	6,02402	0,89493	2,79944	0,81802	1,00877	0,4935
7.01.2019	137,73	0,001	106,98	0,001	63,4115	0,001	52,43	0,001	26,5676	0,14133	17,1399	0,37046	6,03603	0,89401	2,79203	0,81913	1,01012	0,49305
8.01.2019	137,832	0,001	107,209	0,001	63,6279	0,001	52,2161	0,001	26,6209	0,13952	17,1883	0,36661	6,05152	0,89281	2,74581	0,82601	0,98744	0,50066
9.01.2019	137,771	0,001	107,423	0,001	63,5649	0,001	52,3661	0,001	26,5722	0,14117	17,1992	0,36574	6,06691	0,89163	2,75538	0,82461	1,02205	0,48905
10.01.2019	137,974	0,001	107,512	0,001	63,0541	0,001	52,5725	0,001	26,6774	0,1376	17,2612	0,36079	6,07829	0,89076	2,78793	0,81974	1,04889	0,48005
11.01.2019	138,258	0,001	107,735	0,001	63,0611	0,001	52,3533	0,001	26,7389	0,13551	17,3347	0,35493	6,08443	0,89029	2,77358	0,82189	1,04519	0,48129
12.01.2019	138,419	0,001	107,827	0,001	63,1474	0,001	52,3951	0,001	26,7935	0,13365	17,3458	0,35405	6,10342	0,88883	2,78534	0,82013	1,07565	0,47107
13.01.2019	138,351	0,001	107,724	0,001	62,6508	0,001	52,2507	0,001	26,8315	0,13236	17,3844	0,35097	6,10934	0,88837	2,81935	0,81504	1,07065	0,47275
14.01.2019	138,16	0,001	108,085	0,001	63,1404	0,001	52,4188	0,001	26,9293	0,12904	17,2786	0,3594	6,12663	0,88704	2,78161	0,82069	1,0357	0,48447
15.01.2019	138,192	0,001	108,041	0,001	63,0411	0,001	52,5376	0,001	26,9836	0,12719	17,2956	0,35805	6,14129	0,88592	2,814	0,81584	1,04608	0,48099
16.01.2019	138,082	0,001	108,333	0,001	62,9317	0,001	52,519	0,001	27,0371	0,12537	17,2514	0,36158	6,15127	0,88515	2,80953	0,81651	1,02604	0,48771
17.01.2019	138,403	0,001	108,548	0,001	63,1381	0,001	52,6617	0,001	27,0936	0,12369	17,3697	0,35214	6,16443	0,88414	2,7746	0,82174	1,02416	0,48834
18.01.2019	138,189	0,001	108,735	0,001	63,2648	0,001	52,5126	0,001	27,1478	0,12213	17,3738	0,35181	6,17747	0,88314	2,7637	0,82337	1,005	0,49477
19.01.2019	138,289	0,001	108,799	0,001	63,2208	0,001	52,4957	0,001	27,1969	0,12072	17,3498	0,35373	6,18958	0,88221	2,75391	0,82483	1,02662	0,48752
20.01.2019	138,21	0,001	108,904	0,001	63,3064	0,001	52,5584	0,001	27,2511	0,11916	17,3793	0,35137	6,20322	0,88116	2,75334	0,82492	1,01514	0,49137
21.01.2019	138,121	0,001	109,007	0,001	63,2663	0,001	52,5735	0,001	27,3067	0,11755	17,3972	0,34995	6,21915	0,87994	2,7338	0,82774	0,99104	0,49945
22.01.2019	138,132	0,001	109,093	0,001	63,2593	0,001	52,7412	0,001	27,3605	0,116	17,415	0,34853	6,23332	0,87885	2,75862	0,82413	0,98984	0,49985
23.01.2019	138,172	0,001	109,198	0,001	63,2412	0,001	52,7873	0,001	27,416	0,11441	17,41	0,34893	6,2461	0,87787	2,76681	0,8229	0,9839	0,50184
24.01.2019	138,371	0,001	109,205	0,001	63,1369	0,001	52,8985	0,001	27,4725	0,11278	17,4175	0,34833	6,25881	0,87689	2,76671	0,82292	0,98608	0,50111
25.01.2019	138,313	0,001	109,348	0,001	63,3553	0,001	52,9348	0,001	27,5276	0,11119	17,3872	0,35074	6,2715	0,87591	2,74764	0,82574	0,97594	0,50451
26.01.2019	138,196	0,001	109,5	0,001	63,4485	0,001	53,0608	0,001	27,5614	0,11022	17,3393	0,35457	6,28219	0,87509	2,71425	0,83055	0,94132	0,51613
27.01.2019	138,006	0,001	109,6	0,001	63,3763	0,001	53,1761	0,001	27,5831	0,10959	17,2763	0,35959	6,29428	0,87408	2,70773	0,83149	0,93051	0,51975
28.01.2019	138,334	0,001	109,121	0,001	62,4457	0,001	53,2011	0,001	27,6558	0,1075	17,2207	0,36402	6,30255	0,87338	2,80307	0,81747	0,98708	0,50078
29.01.2019	138,382	0,001	109,238	0,001	62,5383	0,001	53,2078	0,001	27,707	0,10603	17,223	0,36384	6,30916	0,87282	2,80386	0,81736	0,95151	0,51271
30.01.2019	138,365	0,001	109,078	0,001	62,6339	0,001	53,1989	0,001	27,757	0,10459	17,0572	0,37706	6,31595	0,87224	2,82303	0,81449	0,97513	0,50479
31.01.2019	138,484	0,001	109,143	0,001	62,8075	0,001	53,2318	0,001	27,8131	0,10297	16,9064	0,38908	6,34108	0,87011	2,84632	0,811	0,97299	0,50551
1.02.2019	138,632	0,001	108,994	0,001	62,8955	0,001	53,4635	0,001	27,8456	0,10204	16,8536	0,39329	6,35053	0,86931	2,80078	0,81782	0,93911	0,51687
2.02.2019	138,726	0,001	109,041	0,001	63,2987	0,001	53,4304	0,001	27,8881	0,10081	16,7291	0,40323	6,36629	0,86797	2,77894	0,82109	0,92869	0,52036
3.02.2019	138,852	0,001	108,999	0,001	63,089	0,001	53,4208	0,001	27,9269	0,09973	16,7159	0,40428	6,37315	0,86739	2,79538	0,81863	0,9256	0,5214
4.02.2019	139,003	0,001	109,266	0,001	63,35	0,001	53,5803	0,001	27,9804	0,09836	16,7462	0,40186	6,37924	0,86687	2,73984	0,82687	0,871	0,53971
5.02.2019	139,229	0,001	109,573	0,001	63,7669	0,001	53,5198	0,001	28,0146	0,09749	16,7585	0,40088	6,40394	0,86478	2,66334	0,83789	0,84596	0,54811
6.02.2019	139,396	0,001	109,807	0,001	63,8533	0,001	53,5788	0,001	28,0429	0,09676	16,714	0,40443	6,42084	0,86334	2,6322	0,84238	0,80123	0,56312
7.02.2019	139,615	0,001	109,697	0,001	63,5966	0,001	53,6697	0,001	28,1671	0,09365	16,777	0,3994	6,4131	0,864	2,65901	0,83851	0,76724	0,57452
8.02.2019	139,862	0,001	109,719	0,001	64,2113	0,001	53,6759	0,001	28,2182	0,09239	16,7794	0,39922	6,35888	0,8686	2,57127	0,8511	0,74744	0,58116
9.02.2019	140,146	0,001	109,885	0,001	64,3759	0,001	53,7412	0,001	28,2734	0,09104	16,8821	0,39103	6,36444	0,86813	2,52561	0,85734	0,70715	0,59467
10.02.2019	140,42	0,001	110,416	0,001	64,5208	0,001	53,834	0,001	28,3226	0,08984	16,7005	0,40551	6,38327	0,86653	2,47405	0,86439	0,67683	0,60484

11.02.2019	140,711	0,001	110,644	0,001	64,7387	0,001	53,9278	0,001	28,3305	0,08966	16,8692	0,39205	6,43585	0,86207	2,42701	0,87083	0,61033	0,62715
12.02.2019	140,988	0,001	110,797	0,001	64,8432	0,001	54,0163	0,001	28,4055	0,0879	16,8458	0,39392	6,4031	0,86485	2,44235	0,86873	0,64836	0,61439
13.02.2019	141,337	0,001	110,833	0,001	64,7597	0,001	54,1172	0,001	28,4569	0,0867	16,7662	0,40027	6,41919	0,86348	2,49228	0,8619	0,65749	0,61133
14.02.2019	141,424	0,001	110,771	0,001	64,8157	0,001	54,2188	0,001	28,4944	0,08583	16,6766	0,40741	6,42649	0,86287	2,49777	0,86115	0,67596	0,60513
15.02.2019	141,673	0,001	111,098	0,001	65,1992	0,001	54,3037	0,001	28,5567	0,0844	16,7685	0,40008	6,44795	0,86105	2,46346	0,86584	0,61632	0,62514
16.02.2019	141,698	0,001	110,965	0,001	65,208	0,001	54,393	0,001	28,6118	0,08318	16,468	0,42404	6,45839	0,86016	2,48235	0,86326	0,64111	0,61682
17.02.2019	141,834	0,001	111,173	0,001	65,3165	0,001	54,494	0,001	28,6604	0,08209	16,2096	0,44465	6,49208	0,8573	2,51367	0,85898	0,59558	0,6321
18.02.2019	141,787	0,001	111,389	0,001	65,5208	0,001	54,6109	0,001	28,7143	0,0809	16,3052	0,43703	6,44862	0,86099	2,51252	0,85913	0,58846	0,63448
19.02.2019	142,269	0,001	111,963	0,001	65,6174	0,001	54,7161	0,001	28,7764	0,07954	16,5461	0,41782	6,47255	0,85896	2,45171	0,86745	0,50908	0,66111
20.02.2019	142,252	0,001	112,137	0,001	65,6486	0,001	54,8484	0,001	28,825	0,07852	16,5492	0,41757	6,44934	0,86093	2,42064	0,8717	0,50805	0,66145
21.02.2019	142,51	0,001	112,143	0,001	65,7937	0,001	54,9528	0,001	28,8787	0,07739	16,4921	0,42212	6,45763	0,86022	2,45041	0,86763	0,48442	0,66938
22.02.2019	142,54	0,001	112,371	0,001	65,9218	0,001	55,0353	0,001	28,9478	0,07593	16,6416	0,4102	6,45767	0,86022	2,42655	0,87089	0,4185	0,69149
23.02.2019	142,341	0,001	112,671	0,001	66,0391	0,001	55,1525	0,001	29,0149	0,07455	16,6929	0,40611	6,42224	0,86323	2,44376	0,86854	0,4837	0,66962
24.02.2019	142,687	0,001	112,692	0,001	66,0862	0,001	55,2315	0,001	29,089	0,07307	16,4881	0,42245	6,47585	0,85868	2,46336	0,86586	0,46627	0,67547
25.02.2019	142,23	0,001	112,451	0,001	66,0812	0,001	55,3648	0,001	29,149	0,07188	16,1922	0,44604	6,48424	0,85797	2,47902	0,86371	0,51887	0,65783
26.02.2019	142,312	0,001	112,321	0,001	66,1708	0,001	55,4344	0,001	29,2086	0,07069	16,0549	0,45699	6,48871	0,85759	2,50718	0,85986	0,53712	0,6517
27.02.2019	141,878	0,001	112,767	0,001	66,3581	0,001	55,5412	0,001	29,264	0,06961	16,0752	0,45537	6,52708	0,85434	2,49343	0,86174	0,52084	0,65717
28.02.2019	141,638	0,001	112,991	0,001	66,5667	0,001	55,6457	0,001	29,3149	0,06866	15,9731	0,46351	6,56396	0,85121	2,46935	0,86504	0,49236	0,66672
1.03.2019	141,812	0,001	113,362	0,001	66,5292	0,001	55,7495	0,001	29,3441	0,06811	16,0269	0,45922	6,61754	0,84639	2,40827	0,87339	0,39969	0,6978
2.03.2019	141,79	0,001	113,518	0,001	66,5273	0,001	55,8515	0,001	29,3707	0,06762	16,1822	0,44683	6,62512	0,8457	2,36313	0,87923	0,35449	0,71296
3.03.2019	142,207	0,001	113,678	0,001	66,8163	0,001	55,9446	0,001	29,426	0,06658	16,3123	0,43646	6,61181	0,84692	2,3701	0,87835	0,35384	0,71318
4.03.2019	142,41	0,001	113,842	0,001	66,8883	0,001	56,0558	0,001	29,4926	0,06533	16,5136	0,42041	6,63826	0,8445	2,3548	0,88029	0,30015	0,73119
5.03.2019	142,376	0,001	114,369	0,001	64,9569	0,001	56,3155	0,001	29,551	0,06429	17,1195	0,3721	6,65485	0,84298	2,27239	0,89073	0,15491	0,7799
6.03.2019	142,472	0,001	114,645	0,001	64,9762	0,001	56,1954	0,001	29,5736	0,06389	17,2187	0,36419	6,66689	0,84187	2,25046	0,89351	0,10221	0,79758
7.03.2019	142,923	0,001	114,876	0,001	64,9161	0,001	56,3545	0,001	29,6104	0,06325	17,4365	0,34682	6,68694	0,84004	2,23504	0,89547	0,04764	0,85862
8.03.2019	142,861	0,001	114,855	0,001	65,5369	0,001	56,4514	0,001	29,6961	0,06174	17,8095	0,31707	6,66892	0,84169	2,24067	0,89475	0,06285	0,83763
9.03.2019	143,361	0,001	115,266	0,001	65,2045	0,001	56,9946	0,001	29,6943	0,06178	18,1074	0,29331	6,67316	0,8413	2,23971	0,89488	0,04653	0,86032
10.03.2019	143,087	0,001	115,528	0,001	65,3868	0,001	56,5304	0,001	29,7474	0,06085	18,6199	0,25245	6,67894	0,84077	2,24145	0,89466	0,06519	0,8346
11.03.2019	142,855	0,001	116,013	0,001	65,483	0,001	56,393	0,001	29,801	0,05991	18,5299	0,25963	6,72196	0,83683	2,24473	0,89424	0,07602	0,82119
12.03.2019	142,14	0,001	116,294	0,001	65,4514	0,001	56,1844	0,001	29,8416	0,05925	18,9997	0,22216	6,74546	0,83467	2,24492	0,89422	0,0464	0,86052
13.03.2019	142,076	0,001	116,303	0,001	65,8316	0,001	55,9539	0,001	29,896	0,05837	18,9379	0,22709	6,7578	0,83354	2,24912	0,89368	0,06105	0,83997
14.03.2019	141,946	0,001	116,329	0,001	65,9541	0,001	55,9776	0,001	29,9407	0,05765	18,8471	0,23433	6,76973	0,83245	2,25326	0,89316	0,06352	0,83676
15.03.2019	141,489	0,001	116,104	0,001	66,0274	0,001	55,8031	0,001	29,9592	0,05735	19,0697	0,21658	6,7879	0,83078	2,25788	0,89257	0,06077	0,84032
16.03.2019	141,678	0,001	116,872	0,001	65,7557	0,001	55,4939	0,001	30,0084	0,05655	19,3614	0,19596	6,79182	0,83042	2,26922	0,89114	0,02384	0,89955
17.03.2019	141,364	0,001	116,38	0,001	66,0191	0,001	54,9096	0,001	30,0638	0,05565	19,214	0,20507	6,80893	0,82886	2,27087	0,89093	0,0326	0,88307
18.03.2019	141,863	0,001	116,505	0,001	66,1552	0,001	54,6094	0,001	30,115	0,05483	19,3155	0,19817	6,81773	0,82805	2,27349	0,89059	0,03284	0,88264
19.03.2019	141,453	0,001	116,217	0,001	66,2062	0,001	54,7155	0,001	30,1577	0,05419	19,3905	0,19455	6,83056	0,82687	2,28103	0,88964	0,03769	0,8738
20.03.2019	141,452	0,001	116,103	0,001	66,4026	0,001	54,6091	0,001	30,1875	0,05375	18,9927	0,22272	6,85082	0,82502	2,28029	0,88973	0,05253	0,85118
21.03.2019	141,155	0,001	115,404	0,001	66,3163	0,001	54,2315	0,001	30,2304	0,05311	18,4109	0,26912	6,86697	0,82345	2,27479	0,89043	0,08992	0,80567
22.03.2019	141,05	0,001	116,018	0,001	66,5773	0,001	53,6697	0,001	30,2966	0,05212	18,6786	0,24777	6,86846	0,82331	2,28565	0,88905	0,05588	0,84666

23.03.2019	141,11	0,001	115,714	0,001	66,7349	0,001	52,5735	0,001	30,3631	0,05113	18,4511	0,26591	6,89304	0,82093	2,2892	0,8886	0,05161	0,85258
24.03.2019	141,458	0,001	116,801	0,001	66,5611	0,001	52,4403	0,001	30,3745	0,05096	18,9311	0,22763	6,84056	0,82596	2,3145	0,8854	0,00193	0,9719
25.03.2019	141,2	0,001	116,602	0,001	67,0398	0,001	52,1202	0,001	30,3959	0,05065	18,8192	0,23656	6,88693	0,82152	2,3181	0,88494	0,00522	0,95311
26.03.2019	142,003	0,001	116,798	0,001	67,245	0,001	52,4503	0,001	30,415	0,05036	18,699	0,24614	6,91302	0,81899	2,3101	0,88595	0,0039	0,95951
27.03.2019	141,815	0,001	116,857	0,001	67,2225	0,001	52,8675	0,001	30,4615	0,0497	19,2518	0,20205	6,94997	0,81541	2,31981	0,88472	0,00511	0,95359
28.03.2019	142,004	0,001	117,347	0,001	67,3215	0,001	52,6633	0,001	30,4455	0,04991	19,3353	0,19721	6,96177	0,81426	2,32014	0,88468	0,00157	0,97453
29.03.2019	141,796	0,001	116,888	0,001	67,3622	0,001	52,2851	0,001	30,4862	0,04936	18,7164	0,24475	6,97378	0,8131	2,31544	0,88528	0,00365	0,96083
30.03.2019	142,042	0,001	117	0,001	67,5265	0,001	51,6993	0,001	30,5303	0,04876	18,7414	0,24276	6,98219	0,81228	2,32661	0,88386	1,4E-06	0,99894
31.03.2019	142,013	0,001	117,272	0,001	67,5605	0,001	51,4983	0,001	30,5864	0,04799	18,8931	0,23066	6,99193	0,81134	2,33743	0,88249	0,0022	0,96998
1.04.2019	142,468	0,001	117,467	0,001	67,6471	0,001	51,3648	0,001	30,537	0,04866	19,17	0,20858	7,00189	0,81037	2,33279	0,88308	0,03779	0,87365
2.04.2019	142,466	0,001	117,301	0,001	67,3474	0,001	51,5692	0,001	30,6077	0,0477	19,9479	0,16846	7,01104	0,80949	2,38619	0,87631	0,08081	0,81584
3.04.2019	142,78	0,001	114,857	0,001	67,7428	0,001	50,8841	0,001	30,6475	0,04716	19,9729	0,16738	7,00409	0,81016	2,36415	0,8791	0,04665	0,86014
4.04.2019	142,906	0,001	115,191	0,001	67,7492	0,001	51,6917	0,001	30,6978	0,04647	20,4916	0,14571	7,04153	0,80653	2,38468	0,8765	0,1012	0,79792
5.04.2019	142,869	0,001	114,941	0,001	67,68	0,001	50,7024	0,001	30,7559	0,04568	21,1645	0,12123	7,02558	0,80808	2,43122	0,87025	0,11056	0,79478
6.04.2019	143,07	0,001	115,414	0,001	67,8888	0,001	50,3761	0,001	30,853	0,04441	20,8576	0,13201	7,03039	0,80761	2,41486	0,87249	0,08947	0,80617
7.04.2019	142,778	0,001	115,319	0,001	67,7224	0,001	49,8781	0,001	30,9207	0,04358	20,6661	0,13918	7,05117	0,8056	2,40857	0,87335	0,07861	0,81829
8.04.2019	142,311	0,001	115,188	0,001	66,9443	0,001	49,4005	0,001	30,9957	0,04266	19,9669	0,16764	7,0514	0,80557	2,35279	0,88054	0,03187	0,88446
9.04.2019	141,869	0,001	115,887	0,001	67,6061	0,001	49,5036	0,001	31,0383	0,04213	19,7137	0,17896	7,07635	0,80315	2,34186	0,88193	0,03814	0,87311
10.04.2019	140,769	0,001	115,582	0,001	67,4185	0,001	49,2248	0,00114	31,117	0,04116	19,2667	0,20087	7,07415	0,80337	2,34498	0,88153	0,0078	0,94249
11.04.2019	140,714	0,001	115,847	0,001	67,0331	0,001	48,8859	0,00141	31,1623	0,0406	18,422	0,26823	7,10735	0,80015	2,31283	0,88561	0,00662	0,94701
12.04.2019	140,236	0,001	115,845	0,001	67,8134	0,001	48,8555	0,00144	31,2044	0,04008	18,6869	0,24711	7,12347	0,79862	2,34216	0,88189	0,0236	0,89999
13.04.2019	140,578	0,001	116,123	0,001	67,943	0,001	48,3428	0,00185	31,2593	0,03947	18,7395	0,24291	7,1352	0,79751	2,34193	0,88192	0,04864	0,85711
14.04.2019	140,609	0,001	116,341	0,001	68,2102	0,001	48,3239	0,00187	31,2802	0,03923	18,7222	0,24429	7,14122	0,79694	2,37632	0,87756	0,07112	0,82692
15.04.2019	140,852	0,001	116,416	0,001	68,3038	0,001	48,0399	0,0021	31,3384	0,03859	18,9976	0,22233	7,15907	0,79526	2,36183	0,8794	0,1018	0,79772
16.04.2019	140,796	0,001	116,664	0,001	68,4174	0,001	48,2681	0,00191	31,4003	0,03791	19,251	0,20212	7,1675	0,79446	2,37992	0,8771	0,12845	0,78878
17.04.2019	141,059	0,001	116,746	0,001	68,5347	0,001	48,151	0,00201	31,4643	0,0372	19,2787	0,19995	7,18222	0,79307	2,36915	0,87847	0,13095	0,78794
18.04.2019	141,019	0,001	117,317	0,001	68,0079	0,001	48,0316	0,0021	31,528	0,0365	20,1742	0,15873	7,2127	0,79019	2,48459	0,86295	0,28827	0,73517
19.04.2019	141,291	0,001	117,075	0,001	67,2469	0,001	47,2839	0,00271	31,4743	0,03709	21,7485	0,10279	7,20755	0,79067	2,64695	0,84025	0,51015	0,66075
20.04.2019	141,852	0,001	116,994	0,001	67,6342	0,001	47,6919	0,00238	31,3805	0,03813	21,9636	0,09646	7,21789	0,7897	2,68012	0,83547	0,59746	0,63146
21.04.2019	142,358	0,001	117,804	0,001	67,8478	0,001	48,3184	0,00187	31,5825	0,03589	21,924	0,09757	7,23568	0,78801	2,62078	0,84402	0,57885	0,63771
22.04.2019	142,734	0,001	118,072	0,001	67,9081	0,001	49,0206	0,0013	31,65	0,03515	22,2782	0,08808	7,26596	0,78515	2,59833	0,84726	0,57887	0,6377
23.04.2019	142,655	0,001	118,07	0,001	67,9608	0,001	49,3169	0,00106	31,7185	0,03447	21,608	0,10723	7,28463	0,78339	2,50717	0,85986	0,46242	0,67676
24.04.2019	142,711	0,001	118,601	0,001	68,3218	0,001	47,8703	0,00224	31,5796	0,03593	21,1348	0,12216	7,28417	0,78343	2,55593	0,8532	0,50748	0,66165
25.04.2019	142,772	0,001	117,87	0,001	68,0787	0,001	46,4328	0,0034	31,6158	0,03553	20,1409	0,16016	7,30364	0,78159	2,49975	0,86088	0,45078	0,68067
26.04.2019	142,97	0,001	118,396	0,001	68,3414	0,001	46,0065	0,00375	31,5458	0,0363	19,7743	0,17604	7,31522	0,78049	2,53762	0,8557	0,51608	0,65876
27.04.2019	142,904	0,001	118,302	0,001	68,3318	0,001	45,1384	0,00445	31,3455	0,03851	18,8303	0,23567	7,33139	0,77896	2,51041	0,85942	0,42773	0,6884
28.04.2019	143,189	0,001	118,608	0,001	68,4575	0,001	45,4499	0,0042	31,364	0,03831	19,0683	0,21669	7,33039	0,77906	2,52089	0,85799	0,50949	0,66097
29.04.2019	143,224	0,001	118,314	0,001	68,4425	0,001	45,159	0,00443	31,5104	0,03669	17,83	0,31544	7,3491	0,77729	2,4723	0,86463	0,37232	0,70698
30.04.2019	143,644	0,001	118,52	0,001	68,6435	0,001	45,0784	0,0045	31,6537	0,03511	17,6453	0,33016	7,36466	0,77582	2,48006	0,86357	0,42444	0,6895
1.05.2019	143,774	0,001	118,385	0,001	68,7444	0,001	44,7125	0,0048	31,6939	0,03471	17,5555	0,33732	7,37702	0,77465	2,4771	0,86398	0,38923	0,70131

2.05.2019	144,002	0,001	119,047	0,001	68,673	0,001	44,6433	0,00485	31,7854	0,03382	18,4407	0,26673	7,37611	0,77474	2,54401	0,85483	0,62134	0,62345
3.05.2019	144,161	0,001	118,706	0,001	68,8159	0,001	44,3747	0,00519	31,6798	0,03484	18,5148	0,26083	7,39251	0,77319	2,55912	0,85276	0,62092	0,62359
4.05.2019	144,522	0,001	118,544	0,001	69,181	0,001	44,7517	0,00476	31,7291	0,03437	17,8429	0,3144	7,40498	0,77201	2,5013	0,86067	0,56369	0,64279
5.05.2019	144,643	0,001	118,689	0,001	69,3239	0,001	44,6204	0,00487	31,7983	0,0337	18,1818	0,28738	7,41647	0,77092	2,52038	0,85806	0,57569	0,63877
6.05.2019	144,777	0,001	118,937	0,001	69,5763	0,001	44,4519	0,00502	31,949	0,03225	17,5182	0,3403	7,43585	0,76909	2,45638	0,86681	0,53818	0,65135
7.05.2019	145	0,001	118,417	0,001	69,2093	0,001	44,6206	0,00487	32,0811	0,03097	16,0013	0,46126	7,44445	0,76827	2,38882	0,87597	0,3922	0,70031
8.05.2019	145,052	0,001	118,411	0,001	69,384	0,001	44,4334	0,00506	32,2431	0,0295	15,5055	0,5008	7,4586	0,76694	2,37075	0,87826	0,39752	0,69853
9.05.2019	144,985	0,001	117,474	0,001	68,7231	0,001	44,8894	0,00465	32,4351	0,02791	14,2024	0,60471	7,46149	0,76666	2,33172	0,88321	0,18667	0,76925
10.05.2019	145,33	0,001	117,435	0,001	69,3447	0,001	44,8562	0,00468	32,7451	0,02534	14,3303	0,59451	7,50168	0,76286	2,3337	0,88296	0,40126	0,69727
11.05.2019	145,292	0,001	116,377	0,001	69,6	0,001	44,7677	0,00475	32,3319	0,02876	14,5976	0,5732	7,52511	0,76065	2,34549	0,88147	0,37932	0,70463
12.05.2019	145,52	0,001	116,911	0,001	69,7165	0,001	44,7515	0,00476	32,7282	0,02548	14,4714	0,58326	7,55213	0,75809	2,33657	0,8826	0,5538	0,64611
13.05.2019	145,067	0,001	116,949	0,001	69,7385	0,001	44,9243	0,00462	32,4528	0,02776	15,7593	0,48056	7,59895	0,75367	2,34897	0,88103	0,82423	0,5554
14.05.2019	145,631	0,001	117,292	0,001	69,9166	0,001	44,9321	0,00462	32,5574	0,0269	15,4255	0,50717	7,6256	0,75115	2,33964	0,88221	0,95309	0,51218
15.05.2019	146,124	0,001	114,964	0,001	68,6199	0,001	44,9978	0,00456	32,3984	0,02821	16,1747	0,44743	7,63754	0,75002	2,40415	0,87395	1,14133	0,44904
16.05.2019	145,75	0,001	114,157	0,001	68,8829	0,001	44,4747	0,00499	31,6886	0,03476	15,9316	0,46682	7,65073	0,74877	2,39784	0,87482	0,96923	0,50677
17.05.2019	146,528	0,001	112,578	0,001	69,3367	0,001	44,8827	0,00466	32,0322	0,03145	16,0039	0,46105	7,68848	0,7452	2,42414	0,87122	1,01057	0,4929
18.05.2019	146,645	0,001	111,511	0,001	68,3393	0,001	44,6815	0,00482	33,8808	0,01802	18,1641	0,28879	7,65667	0,74821	2,56097	0,85251	1,35809	0,37634
19.05.2019	146,533	0,001	112,184	0,001	68,4821	0,001	45,51	0,00415	33,6172	0,01944	18,3812	0,27148	7,68018	0,74599	2,61356	0,84506	1,30279	0,39488
20.05.2019	147,494	0,001	112,388	0,001	68,6066	0,001	45,4572	0,00419	33,4287	0,02058	18,6431	0,2506	7,66092	0,74781	2,55528	0,85329	1,5099	0,32541
21.05.2019	147,52	0,001	112,345	0,001	67,2312	0,001	45,6279	0,00405	33,3095	0,0214	20,5114	0,14497	7,61285	0,75235	2,85409	0,80984	1,50653	0,32654
22.05.2019	147,801	0,001	112,485	0,001	67,7869	0,001	44,9881	0,00457	33,826	0,01832	20,5314	0,14422	7,68858	0,74519	2,87339	0,80695	1,60827	0,29242
23.05.2019	148,187	0,001	112,732	0,001	68,1329	0,001	45,7075	0,00399	34,0113	0,01732	20,4178	0,14848	7,7117	0,74301	2,8111	0,81627	1,63676	0,28286
24.05.2019	148,515	0,001	113,084	0,001	66,9271	0,001	44,8518	0,00468	34,9485	0,01301	21,9276	0,09747	7,80325	0,73435	3,21223	0,7627	1,62839	0,28567
25.05.2019	148,759	0,001	113,131	0,001	66,325	0,001	45,9796	0,00377	36,6913	0,00771	22,8197	0,07512	7,78262	0,7363	3,35587	0,74438	1,75736	0,24241
26.05.2019	149,001	0,001	112,887	0,001	66,996	0,001	45,9966	0,00375	35,6347	0,01031	21,776	0,10193	7,80719	0,73398	3,21738	0,76204	1,80316	0,22705
27.05.2019	149,291	0,001	112,952	0,001	66,9222	0,001	46,3803	0,00344	35,3095	0,01159	21,8431	0,09983	7,69805	0,7443	2,99491	0,79042	1,81346	0,22359
28.05.2019	149,362	0,001	113,434	0,001	66,93	0,001	47,4149	0,0026	35,4376	0,01108	21,306	0,11676	7,71616	0,74258	2,8645	0,80828	1,66588	0,2731
29.05.2019	149,478	0,001	113,81	0,001	67,0302	0,001	45,6694	0,00402	34,3576	0,01546	21,9239	0,09757	7,74024	0,74031	3,04614	0,78389	1,61796	0,28917
30.05.2019	149,836	0,001	113,984	0,001	66,9527	0,001	45,2145	0,00439	34,6023	0,01437	19,843	0,17297	7,78484	0,73609	2,87606	0,80655	1,66664	0,27284
31.05.2019	149,141	0,001	114,144	0,001	67,3326	0,001	46,3634	0,00346	34,2945	0,0158	19,4845	0,19002	7,66792	0,74715	2,79344	0,81892	1,625	0,28681
1.06.2019	149,958	0,001	114,334	0,001	67,2451	0,001	45,3624	0,00427	34,1221	0,01673	19,7075	0,17926	7,68577	0,74546	3,00616	0,78898	1,83191	0,2174
2.06.2019	149,762	0,001	114,45	0,001	67,2997	0,001	45,3327	0,00429	32,9798	0,02367	18,8843	0,23136	7,76396	0,73807	2,96964	0,79364	1,77431	0,23673
3.06.2019	150,193	0,001	114,659	0,001	66,9623	0,001	44,828	0,0047	31,8283	0,03341	16,2092	0,44468	7,83866	0,731	2,85085	0,81032	1,55509	0,31026
4.06.2019	150,013	0,001	114,902	0,001	66,6463	0,001	44,8954	0,00465	32,7418	0,02537	14,8665	0,55175	7,82541	0,73226	2,60629	0,84611	1,48233	0,33466
5.06.2019	149,988	0,001	114,85	0,001	67,4125	0,001	44,8094	0,00472	32,7479	0,02532	15,6532	0,48902	7,9062	0,72462	2,89665	0,80347	1,44657	0,34666
6.06.2019	150,207	0,001	115,072	0,001	67,5457	0,001	44,6648	0,00483	33,0702	0,02305	15,1718	0,5274	7,847	0,73021	3,07096	0,78072	1,43374	0,35096
7.06.2019	150,375	0,001	115,275	0,001	67,377	0,001	44,7564	0,00476	32,8353	0,02466	15,1357	0,53029	7,86373	0,72863	3,07358	0,78038	1,38756	0,36645
8.06.2019	150,605	0,001	115,304	0,001	67,6084	0,001	44,5222	0,00495	32,4317	0,02794	15,2055	0,52472	7,87344	0,72771	3,28315	0,75365	1,28382	0,40125
9.06.2019	150,921	0,001	115,328	0,001	67,6922	0,001	44,7645	0,00475	32,8442	0,0246	14,996	0,54143	7,8802	0,72708	3,09551	0,77759	1,24967	0,4127
10.06.2019	151,15	0,001	115,615	0,001	68,0819	0,001	44,2905	0,00538	32,8991	0,02423	15,7259	0,48322	7,84191	0,7307	3,4027	0,73841	1,20217	0,42863

11.06.2019	151,386	0,001	115,564	0,001	68,1931	0,001	43,7544	0,00658	33,1703	0,02236	15,8375	0,47432	7,79451	0,73518	3,51062	0,72464	1,20308	0,42833
12.06.2019	151,616	0,001	116,057	0,001	68,4753	0,001	43,8975	0,00626	33,0809	0,02297	17,3997	0,34975	7,9784	0,71779	3,75973	0,69287	1,36015	0,37564
13.06.2019	151,845	0,001	116,225	0,001	68,5244	0,001	43,6507	0,00681	33,2171	0,02204	18,1933	0,28646	8,00519	0,71526	3,76998	0,69156	1,43516	0,35048
14.06.2019	152,046	0,001	116,497	0,001	68,0845	0,001	44,5684	0,00491	33,3037	0,02144	16,3624	0,43246	7,99844	0,7159	3,45286	0,73201	1,37666	0,37011
15.06.2019	152,337	0,001	116,533	0,001	68,5634	0,001	44,5599	0,00492	33,2518	0,0218	16,0323	0,45879	7,9589	0,71963	3,37047	0,74252	1,37466	0,37077
16.06.2019	152,486	0,001	116,703	0,001	68,4443	0,001	45,1227	0,00446	33,1584	0,02244	16,0031	0,46112	7,96959	0,71862	3,22151	0,76152	1,39444	0,36414
17.06.2019	152,734	0,001	117,63	0,001	69,3828	0,001	45,0844	0,00449	32,9949	0,02357	16,8274	0,39539	8,03965	0,712	3,43799	0,7339	1,51055	0,3252
18.06.2019	153,01	0,001	117,801	0,001	69,6493	0,001	44,507	0,00496	33,0905	0,02291	16,7792	0,39923	8,05253	0,71078	3,58806	0,71476	1,59445	0,29706
19.06.2019	153,259	0,001	118,013	0,001	69,7782	0,001	44,8137	0,00471	33,2362	0,0219	17,2808	0,35923	8,07125	0,70901	3,65427	0,70632	1,68969	0,26511
20.06.2019	153,393	0,001	118,245	0,001	70,0922	0,001	44,7618	0,00476	33,4138	0,02068	18,3858	0,27111	8,07422	0,70873	3,82667	0,68433	1,80323	0,22703
21.06.2019	153,577	0,001	118,066	0,001	70,1777	0,001	44,9825	0,00458	33,6218	0,01941	20,0111	0,16574	8,03245	0,71268	3,93807	0,67012	1,94512	0,1925
22.06.2019	154,28	0,001	118,312	0,001	69,9532	0,001	45,2487	0,00436	33,5696	0,01969	18,9526	0,22592	8,07175	0,70897	3,77848	0,69047	2,04861	0,17983
23.06.2019	154,698	0,001	118,484	0,001	69,7183	0,001	45,3176	0,00431	33,7208	0,01888	18,3117	0,27703	8,07528	0,70863	3,60295	0,71286	2,16103	0,1674
24.06.2019	154,923	0,001	118,834	0,001	69,8337	0,001	45,4116	0,00423	34,2686	0,01594	18,9702	0,22452	8,08523	0,70769	3,59207	0,71425	2,24031	0,15914
25.06.2019	155,087	0,001	119,001	0,001	68,948	0,001	45,6547	0,00403	35,0574	0,01258	17,5788	0,33547	8,09058	0,70718	3,3614	0,74367	2,36182	0,14707
26.06.2019	154,969	0,001	119,296	0,001	67,8584	0,001	45,7929	0,00392	31,1683	0,04053	15,6827	0,48667	7,86196	0,7288	3,07515	0,78018	2,35346	0,14779
27.06.2019	155,89	0,001	119,378	0,001	68,2628	0,001	45,946	0,0038	33,7541	0,0187	15,998	0,46152	7,9552	0,71998	3,18346	0,76637	2,27205	0,15583
28.06.2019	155,356	0,001	119,799	0,001	67,7814	0,001	45,9613	0,00378	32,7509	0,0253	15,9016	0,46921	7,81556	0,73319	2,79791	0,81825	2,31694	0,15115
29.06.2019	234,115	0,001	152,427	0,001	76,5929	0,001	46,9828	0,00296	40,2169	0,00297	11,2028	0,84153	7,73756	0,74056	3,20408	0,76374	2,21314	0,16197
30.06.2019	234,508	0,001	152,477	0,001	75,4529	0,001	47,3085	0,00269	39,8305	0,0033	10,2041	0,9051	7,71603	0,7426	2,7343	0,82767	1,95035	0,19186
1.07.2019	234,917	0,001	152,126	0,001	75,603	0,001	46,9077	0,00302	40,4853	0,00274	10,0933	0,911	7,82048	0,73272	2,68845	0,83427	2,1248	0,17118
2.07.2019	235,184	0,001	152,566	0,001	75,2263	0,001	47,457	0,00257	41,7759	0,00164	10,4374	0,89152	7,85214	0,72973	2,85781	0,80928	1,95407	0,1914
3.07.2019	235,859	0,001	152,923	0,001	74,7861	0,001	47,3912	0,00262	40,3162	0,00289	10,0316	0,91421	7,66946	0,747	2,77401	0,82183	1,92603	0,19483
4.07.2019	236,221	0,001	152,754	0,001	75,4548	0,001	47,3123	0,00269	40,4277	0,00279	10,0974	0,91079	7,71124	0,74305	2,8342	0,81282	2,01523	0,18392
5.07.2019	236,712	0,001	152,974	0,001	75,2516	0,001	47,3549	0,00265	40,6627	0,00259	10,3769	0,89515	7,69449	0,74463	2,86922	0,80757	1,9452	0,19249
6.07.2019	237,756	0,001	153,002	0,001	75,0061	0,001	47,6075	0,00245	40,727	0,00254	10,3097	0,89918	7,74969	0,73941	2,90855	0,80168	1,93893	0,19325
7.07.2019	238,089	0,001	152,847	0,001	75,1294	0,001	47,642	0,00242	41,4985	0,00188	10,6673	0,87771	7,82727	0,73208	3,23135	0,76026	1,91135	0,19663
8.07.2019	238,441	0,001	153,612	0,001	74,5293	0,001	47,8347	0,00226	41,5736	0,00181	10,7848	0,87016	7,77088	0,73741	3,29778	0,75179	1,88403	0,19997
9.07.2019	238,755	0,001	153,806	0,001	74,3649	0,001	47,7923	0,0023	40,6309	0,00262	10,672	0,87743	7,66291	0,74762	3,2448	0,75855	1,68611	0,26631
10.07.2019	239,112	0,001	153,6	0,001	74,4116	0,001	47,7384	0,00234	39,8056	0,00332	10,6277	0,88009	7,45302	0,76746	3,07294	0,78047	1,47046	0,33864
11.07.2019	239,481	0,001	153,754	0,001	73,9482	0,001	48,2797	0,0019	41,4373	0,00193	10,4469	0,89095	7,60596	0,753	3,09188	0,77805	1,25356	0,4114
12.07.2019	239,846	0,001	152,909	0,001	74,6183	0,001	47,7161	0,00236	40,3719	0,00284	10,854	0,86553	7,30516	0,78144	2,9313	0,79853	1,61779	0,28922
13.07.2019	239,702	0,001	151,669	0,001	75,305	0,001	47,6016	0,00245	38,0731	0,00481	10,4246	0,89228	7,02955	0,80769	2,66584	0,83753	1,53304	0,31765
14.07.2019	240,08	0,001	151,432	0,001	74,3262	0,001	47,998	0,00213	39,1868	0,00385	10,3679	0,89569	7,31094	0,7809	2,78296	0,82049	1,23435	0,41784
15.07.2019	240,48	0,001	153,545	0,001	74,3891	0,001	48,1214	0,00203	37,0908	0,00677	10,1037	0,91046	6,95769	0,81466	2,4647	0,86567	0,82244	0,556
16.07.2019	240,748	0,001	153,061	0,001	74,4647	0,001	48,3666	0,00183	38,3561	0,00456	9,65604	0,93221	7,24386	0,78724	2,61361	0,84506	0,51622	0,65871
17.07.2019	242,389	0,001	153,203	0,001	74,5704	0,001	48,3208	0,00187	39,481	0,0036	9,77365	0,92686	7,32837	0,77925	2,6344	0,84206	0,93375	0,51866
18.07.2019	243,117	0,001	153,32	0,001	74,713	0,001	48,7549	0,00152	38,4438	0,00449	9,69693	0,9304	7,16408	0,79478	2,54302	0,85496	1,21564	0,42411
19.07.2019	243,312	0,001	152,815	0,001	74,8087	0,001	48,8162	0,00147	38,1332	0,00475	9,84274	0,9236	7,14461	0,79662	2,73032	0,82824	1,26376	0,40798
20.07.2019	243,62	0,001	153,189	0,001	74,7749	0,001	48,5113	0,00172	37,6692	0,00542	10,0287	0,91436	7,04582	0,80611	2,59017	0,84843	1,47041	0,33866

21.07.2019	244,168	0,001	153,056	0,001	74,8973	0,001	48,6821	0,00158	36,9978	0,00699	9,96005	0,91783	7,12205	0,79876	2,52509	0,85741	1,43384	0,35092
22.07.2019	244,547	0,001	152,464	0,001	75,0145	0,001	48,6412	0,00161	36,6602	0,00778	10,0467	0,91342	7,00126	0,81043	2,44967	0,86773	1,40694	0,35995
23.07.2019	244,998	0,001	152,821	0,001	75,1006	0,001	48,7267	0,00154	36,7758	0,00751	9,9145	0,92012	7,15717	0,79544	2,43514	0,86972	1,22575	0,42072
24.07.2019	245,362	0,001	153,072	0,001	75,1804	0,001	48,7182	0,00155	37,0987	0,00675	9,69913	0,9303	7,43731	0,76895	2,41833	0,87201	1,14021	0,44941
25.07.2019	245,745	0,001	153,279	0,001	75,2812	0,001	48,7769	0,0015	37,1098	0,00673	9,62844	0,93344	7,37901	0,77446	2,43333	0,86996	1,05381	0,4784
26.07.2019	246,128	0,001	153,345	0,001	75,3798	0,001	48,8321	0,00146	36,8463	0,00734	9,4945	0,93919	7,30542	0,78142	2,39131	0,87566	0,99968	0,49655
27.07.2019	246,485	0,001	153,429	0,001	75,5008	0,001	48,9574	0,00135	37,0071	0,00697	9,51376	0,93837	7,27859	0,78396	2,44353	0,86857	0,85141	0,54629
28.07.2019	246,822	0,001	153,719	0,001	75,6128	0,001	49,005	0,00132	37,0913	0,00677	9,47719	0,93992	7,23957	0,78765	2,44263	0,86869	0,8317	0,5529
29.07.2019	247,162	0,001	153,941	0,001	75,7308	0,001	49,138	0,00121	37,2539	0,00639	9,39436	0,94325	7,28039	0,78379	2,4716	0,86473	0,74277	0,58273
30.07.2019	247,518	0,001	154,184	0,001	75,8011	0,001	49,1992	0,00116	37,5751	0,00564	9,44129	0,94137	7,32742	0,77934	2,54823	0,85425	0,74629	0,58154
31.07.2019	247,915	0,001	154,452	0,001	75,9123	0,001	49,2753	0,0011	37,8139	0,00508	9,42659	0,94196	7,36731	0,77557	2,53638	0,85587	0,87108	0,53969
1.08.2019	248,353	0,001	154,69	0,001	76,0121	0,001	49,3098	0,00107	37,7416	0,00525	9,62794	0,93346	7,25225	0,78645	2,54852	0,85421	1,06331	0,47521
2.08.2019	248,709	0,001	154,887	0,001	75,9992	0,001	49,4298	0,001	37,827	0,00505	9,71706	0,92948	7,21352	0,79011	2,65369	0,83928	0,95961	0,50999
3.08.2019	249,17	0,001	155,111	0,001	76,059	0,001	49,4029	0,001	37,898	0,00496	9,79538	0,92585	7,26136	0,78558	2,70552	0,83181	0,91703	0,52427
4.08.2019	249,607	0,001	155,377	0,001	75,8853	0,001	49,5172	0,001	38,3997	0,00453	9,8847	0,92156	7,40992	0,77154	2,84837	0,81069	0,92596	0,52128
5.08.2019	250,086	0,001	155,659	0,001	75,8593	0,001	49,5045	0,001	38,0852	0,0048	9,94531	0,91858	7,24839	0,78681	2,82224	0,81461	0,83308	0,55243
6.08.2019	250,471	0,001	155,85	0,001	75,9895	0,001	49,4609	0,001	38,7076	0,00426	10,0246	0,91457	7,33471	0,77865	2,97604	0,79283	0,87514	0,53833
7.08.2019	250,904	0,001	156,131	0,001	76,1344	0,001	49,1119	0,00123	38,3304	0,00459	10,2813	0,90082	7,1223	0,79873	2,94	0,79742	1,04545	0,4812
8.08.2019	251,152	0,001	156	0,001	76,4695	0,001	48,8711	0,00142	37,5857	0,00561	10,3649	0,89587	7,04244	0,80644	2,9106	0,80138	1,31758	0,38992
9.08.2019	251,543	0,001	156,392	0,001	76,3997	0,001	49,0674	0,00126	36,6141	0,00789	10,3964	0,89398	6,87488	0,82269	2,85855	0,80917	1,07924	0,46987
10.08.2019	253,31	0,001	156,183	0,001	76,528	0,001	48,8114	0,00147	36,95	0,0071	10,3395	0,89739	7,22908	0,78864	2,89896	0,80312	1,15334	0,44501
11.08.2019	253,573	0,001	156,548	0,001	76,6307	0,001	49,0062	0,00131	36,8113	0,00743	10,2935	0,90015	7,23029	0,78852	2,79354	0,8189	1,16626	0,44068
12.08.2019	253,688	0,001	156,58	0,001	76,6814	0,001	49,0078	0,00131	35,4423	0,01106	10,2603	0,90198	7,05799	0,80494	2,72854	0,8285	1,14001	0,44948
13.08.2019	253,772	0,001	156,491	0,001	76,5731	0,001	49,1104	0,00123	34,4252	0,0151	10,0666	0,91239	6,99415	0,81112	2,58785	0,84877	0,90926	0,52688
14.08.2019	254,329	0,001	156,544	0,001	76,8447	0,001	49,4588	0,001	35,1576	0,01219	9,99271	0,91619	7,23012	0,78854	2,69623	0,83315	0,66347	0,60932
15.08.2019	254,391	0,001	156,813	0,001	76,9243	0,001	49,4205	0,001	35,3168	0,01156	10,0576	0,91286	7,11531	0,79939	2,62245	0,84378	0,79396	0,56556
16.08.2019	254,638	0,001	157,071	0,001	77,0266	0,001	49,5505	0,001	35,1948	0,01204	10,0365	0,91395	7,04929	0,80578	2,61394	0,84501	0,69459	0,59889
17.08.2019	255,025	0,001	157,222	0,001	77,1474	0,001	49,5366	0,001	35,2989	0,01163	10,0989	0,91071	7,02117	0,8085	2,70068	0,83251	0,66522	0,60874
18.08.2019	255,456	0,001	157,422	0,001	77,29	0,001	49,4715	0,001	35,7817	0,00984	10,1081	0,91023	7,13276	0,79774	2,74994	0,82541	0,78291	0,56926
19.08.2019	255,782	0,001	157,662	0,001	77,3476	0,001	49,5283	0,001	35,3899	0,01127	10,1831	0,90622	6,97642	0,81284	2,74626	0,82594	0,81762	0,55762
20.08.2019	256,162	0,001	157,856	0,001	77,4263	0,001	49,6827	0,001	34,603	0,01437	10,1496	0,90802	6,93123	0,81722	2,69234	0,83371	0,65989	0,61053
21.08.2019	256,622	0,001	157,872	0,001	77,4851	0,001	49,703	0,001	34,946	0,01302	10,1088	0,91019	7,0623	0,80452	2,72106	0,82957	0,56507	0,64233
22.08.2019	256,956	0,001	158,287	0,001	77,6312	0,001	49,6513	0,001	35,2515	0,01182	10,1136	0,90994	7,1358	0,79746	2,73853	0,82706	0,60687	0,62831
23.08.2019	257,208	0,001	158,472	0,001	77,7671	0,001	49,8218	0,001	34,7724	0,0137	10,0567	0,9129	7,06487	0,80427	2,70279	0,83221	0,55463	0,64583
24.08.2019	257,553	0,001	158,632	0,001	77,8436	0,001	49,8715	0,001	34,7587	0,01376	10,0459	0,91346	7,09976	0,80089	2,75712	0,82435	0,46792	0,67492
25.08.2019	257,925	0,001	158,805	0,001	78,0565	0,001	49,9924	0,001	35,0357	0,01267	10,0766	0,91187	7,16698	0,79451	2,76822	0,82269	0,46499	0,6759
26.08.2019	258,275	0,001	159,15	0,001	78,1529	0,001	50,0953	0,001	34,9561	0,01298	10,0909	0,91112	7,10338	0,80053	2,7384	0,82707	0,42072	0,69075
27.08.2019	258,647	0,001	159,364	0,001	78,2115	0,001	50,1387	0,001	34,6083	0,01435	10,0654	0,91245	7,06024	0,80472	2,71848	0,82994	0,33876	0,71824
28.08.2019	259,01	0,001	159,597	0,001	78,3856	0,001	50,3453	0,001	34,7262	0,01389	10,0373	0,91391	7,12683	0,7983	2,76082	0,8238	0,17756	0,77231
29.08.2019	259,392	0,001	159,917	0,001	78,5021	0,001	50,4308	0,001	35,2496	0,01182	10,0056	0,91554	7,23231	0,78833	2,83551	0,81262	0,09018	0,80538

30.08.2019	259,855	0,001	160,141	0,001	78,6255	0,001	50,4203	0,001	35,3221	0,01154	10,0244	0,91458	7,21446	0,79002	2,8136	0,8159	0,10029	0,79823
31.08.2019	260,61	0,001	160,335	0,001	78,6217	0,001	50,5366	0,001	35,6525	0,01024	10,0134	0,91515	7,27126	0,78465	2,89049	0,80439	0,05897	0,84265
1.09.2019	260,992	0,001	160,579	0,001	78,6984	0,001	50,443	0,001	36,1198	0,00905	10,0408	0,91373	7,28982	0,78289	2,94671	0,79657	0,1021	0,79762
2.09.2019	261,448	0,001	160,655	0,001	78,8216	0,001	50,4021	0,001	36,0225	0,00927	10,0265	0,91448	7,20728	0,7907	2,95075	0,79605	0,1447	0,78333
3.09.2019	261,771	0,001	160,732	0,001	78,8726	0,001	50,5426	0,001	35,92	0,00951	10,0411	0,91371	7,203	0,7911	2,97721	0,79268	0,12955	0,78841
4.09.2019	262,067	0,001	160,846	0,001	78,8947	0,001	50,5413	0,001	35,9399	0,00947	10,0363	0,91397	7,24662	0,78698	3,019	0,78735	0,09925	0,79857
5.09.2019	262,38	0,001	161,059	0,001	79,1038	0,001	50,1723	0,001	35,3652	0,01137	10,021	0,91476	7,17206	0,79403	2,96096	0,79475	0,12237	0,79082
6.09.2019	169,693	0,001	121,438	0,001	74,4929	0,001	48,7928	0,00149	28,3207	0,08989	10,625	0,88025	7,26631	0,78512	2,98651	0,79149	0,14245	0,78408
7.09.2019	169,861	0,001	121,481	0,001	74,5673	0,001	48,6094	0,00164	28,0904	0,09555	10,6266	0,88016	7,27678	0,78413	2,99398	0,79054	0,14743	0,78241
8.09.2019	169,925	0,001	121,59	0,001	74,6537	0,001	48,7416	0,00153	28,0233	0,09727	10,6095	0,88118	7,31964	0,78008	2,99751	0,79009	0,14664	0,78268
9.09.2019	169,891	0,001	121,463	0,001	74,7475	0,001	48,7038	0,00156	27,598	0,10917	10,6108	0,88111	7,34597	0,77759	2,99853	0,78996	0,12282	0,79067
10.09.2019	170,098	0,001	121,599	0,001	74,835	0,001	48,8754	0,00142	27,8995	0,10048	10,591	0,88229	7,33919	0,77823	3,0082	0,78872	0,12633	0,78949
11.09.2019	170,09	0,001	122,073	0,001	75,0532	0,001	48,6162	0,00163	28,433	0,08726	10,5995	0,88178	7,3959	0,77286	3,04488	0,78405	0,09522	0,79993
12.09.2019	169,937	0,001	122,245	0,001	75,1563	0,001	48,5099	0,00172	28,2616	0,09133	10,6333	0,87975	7,36158	0,77611	3,05366	0,78293	0,08407	0,8122
13.09.2019	169,95	0,001	122,376	0,001	75,2582	0,001	48,4159	0,00179	28,1628	0,09375	10,6502	0,87874	7,36283	0,77599	3,06881	0,78099	0,0865	0,80949
14.09.2019	169,821	0,001	122,474	0,001	75,3342	0,001	48,2867	0,0019	28,1038	0,09521	10,6474	0,87891	7,37599	0,77475	3,08358	0,77911	0,0744	0,82299
15.09.2019	169,63	0,001	122,635	0,001	75,4402	0,001	48,4274	0,00178	28,2268	0,09218	10,6128	0,88099	7,38696	0,77371	3,10448	0,77644	0,05425	0,84877
16.09.2019	169,433	0,001	122,604	0,001	75,5405	0,001	48,5756	0,00166	28,416	0,08766	10,6033	0,88156	7,37861	0,7745	3,11458	0,77516	0,05126	0,85312
17.09.2019	169,972	0,001	122,219	0,001	75,5537	0,001	48,5485	0,00169	28,2623	0,09131	10,6163	0,88077	7,32334	0,77973	3,11459	0,77515	0,06957	0,82892
18.09.2019	170,589	0,001	121,287	0,001	75,6434	0,001	48,8476	0,00144	28,1126	0,09498	10,6371	0,87953	7,31858	0,78018	3,06683	0,78125	0,12017	0,79156
19.09.2019	170,265	0,001	121,631	0,001	75,7668	0,001	48,984	0,00133	28,284	0,09078	10,6891	0,8764	7,26507	0,78523	3,07853	0,77975	0,06829	0,83058
20.09.2019	170,166	0,001	122,133	0,001	75,8623	0,001	48,3806	0,00182	28,0296	0,0971	10,6785	0,87704	7,25816	0,78589	3,07504	0,7802	0,06638	0,83305
21.09.2019	170,129	0,001	121,916	0,001	75,9833	0,001	48,3251	0,00187	28,1175	0,09486	10,6857	0,87661	7,31841	0,78019	3,08628	0,77877	0,06172	0,83909
22.09.2019	169,895	0,001	121,958	0,001	76,088	0,001	48,5058	0,00172	28,155	0,09394	10,6738	0,87732	7,32525	0,77954	3,08493	0,77894	0,03218	0,88387
23.09.2019	169,896	0,001	122,141	0,001	76,1969	0,001	48,9621	0,00135	27,419	0,11432	10,6181	0,88067	7,24843	0,78681	3,08412	0,77904	0,00127	0,97692
24.09.2019	170,089	0,001	122,482	0,001	76,1662	0,001	49,127	0,00122	28,4653	0,08651	10,5485	0,88485	7,30008	0,78192	3,11021	0,77571	0,01165	0,92985
25.09.2019	170,122	0,001	122,404	0,001	76,5397	0,001	49,2506	0,00112	28,4779	0,08621	10,5293	0,886	7,27093	0,78468	3,09142	0,77811	0,01621	0,91709
26.09.2019	170,026	0,001	122,449	0,001	76,623	0,001	49,4069	0,001	28,8643	0,07769	10,4951	0,88805	7,27473	0,78432	3,09786	0,77729	0,02475	0,89783
27.09.2019	169,948	0,001	122,142	0,001	76,7317	0,001	49,2554	0,00111	28,7873	0,07931	10,545	0,88506	7,20586	0,79083	3,11253	0,77542	0,02736	0,89293
28.09.2019	169,89	0,001	122,45	0,001	76,8634	0,001	49,4313	0,001	28,6499	0,08233	10,557	0,88434	7,18131	0,79315	3,11902	0,77459	0,03612	0,87646
29.09.2019	170,121	0,001	122,586	0,001	76,9765	0,001	49,0955	0,00124	28,9564	0,07575	10,572	0,88344	7,21731	0,78975	3,13104	0,77306	0,03848	0,8726
30.09.2019	170,254	0,001	122,687	0,001	77,1021	0,001	48,9011	0,0014	28,901	0,07692	10,589	0,88241	7,21148	0,7903	3,13531	0,77251	0,03467	0,87919
1.10.2019	170,393	0,001	122,896	0,001	77,2053	0,001	48,8441	0,00145	28,8573	0,07784	10,6036	0,88154	7,22634	0,7889	3,13921	0,77201	0,03173	0,88472
2.10.2019	170,619	0,001	122,989	0,001	77,3088	0,001	48,7315	0,00154	28,7202	0,08077	10,6172	0,88072	7,22252	0,78926	3,14531	0,77124	0,03491	0,87874
3.10.2019	170,841	0,001	123,195	0,001	77,4131	0,001	48,8927	0,00141	28,7384	0,08036	10,6242	0,8803	7,23334	0,78823	3,14785	0,77091	0,03602	0,87666
4.10.2019	171,062	0,001	123,28	0,001	77,4959	0,001	48,7815	0,0015	28,691	0,08142	10,6353	0,87963	7,24414	0,78721	3,15194	0,77039	0,03541	0,87781
5.10.2019	171,236	0,001	123,408	0,001	77,6028	0,001	48,963	0,00135	28,4768	0,08624	10,6356	0,87962	7,22229	0,78928	3,15122	0,77048	0,04313	0,86551
6.10.2019	171,536	0,001	123,517	0,001	77,7082	0,001	48,7192	0,00155	28,8577	0,07783	10,6553	0,87844	7,26758	0,785	3,16207	0,7691	0,03406	0,88033
7.10.2019	171,672	0,001	123,698	0,001	77,8027	0,001	48,3346	0,00186	28,5437	0,08469	10,6707	0,87751	7,25545	0,78614	3,16132	0,76919	0,03188	0,88444
8.10.2019	171,947	0,001	123,819	0,001	77,9071	0,001	48,2303	0,00194	28,7602	0,07988	10,6878	0,87648	7,28209	0,78363	3,17314	0,76769	0,02053	0,90675

9.10.2019	172,071	0,001	123,772	0,001	77,9594	0,001	47,8123	0,00228	28,1452	0,09418	10,7346	0,87352	7,22972	0,78858	3,17174	0,76786	0,01123	0,93115
10.10.2019	172,272	0,001	123,942	0,001	78,1057	0,001	48,2475	0,00193	27,909	0,10021	10,7433	0,87294	7,2157	0,7899	3,17627	0,76729	0,01697	0,91507
11.10.2019	172,684	0,001	124,177	0,001	78,2318	0,001	47,8033	0,00229	28,202	0,09279	10,7464	0,87273	7,28003	0,78382	3,18313	0,76641	0,01983	0,90835
12.10.2019	172,859	0,001	124,392	0,001	78,319	0,001	47,71	0,00237	28,0302	0,09709	10,7703	0,87113	7,27401	0,78439	3,17891	0,76695	0,01549	0,91899
13.10.2019	173,089	0,001	124,24	0,001	78,3028	0,001	47,7553	0,00233	27,6228	0,10845	10,7902	0,8698	7,25532	0,78616	3,17254	0,76776	0,00407	0,95865
14.10.2019	173,373	0,001	124,328	0,001	78,4175	0,001	47,766	0,00232	27,3502	0,1163	10,7997	0,86916	7,22525	0,789	3,17487	0,76747	0,00676	0,94643
15.10.2019	173,611	0,001	124,459	0,001	78,4841	0,001	47,9267	0,00219	27,2435	0,11937	10,8225	0,86764	7,2072	0,79071	3,17115	0,76794	0,00764	0,94308
16.10.2019	173,811	0,001	124,837	0,001	78,6698	0,001	47,7096	0,00237	27,442	0,11366	10,832	0,86701	7,2741	0,78438	3,17516	0,76743	0,01018	0,93445
17.10.2019	174,068	0,001	124,923	0,001	78,6073	0,001	47,5654	0,00248	27,2467	0,11928	10,8503	0,86578	7,23888	0,78771	3,15846	0,76956	0,00513	0,95348
18.10.2019	174,288	0,001	125,101	0,001	78,7608	0,001	47,662	0,0024	27,2433	0,11938	10,8578	0,86528	7,27309	0,78448	3,16546	0,76867	0,0073	0,94429
19.10.2019	174,521	0,001	125,271	0,001	78,8657	0,001	47,5115	0,00253	27,3766	0,11554	10,8811	0,86372	7,30154	0,78179	3,17453	0,76751	0,00325	0,96308
20.10.2019	174,716	0,001	125,328	0,001	78,983	0,001	47,5224	0,00252	27,2609	0,11887	10,901	0,86239	7,30106	0,78183	3,17999	0,76681	0,00432	0,95739
21.10.2019	174,954	0,001	125,526	0,001	79,056	0,001	47,6489	0,00241	27,1603	0,12177	10,9134	0,86156	7,31585	0,78043	3,18323	0,7664	0,0064	0,94791
22.10.2019	175,158	0,001	125,739	0,001	78,9756	0,001	47,8523	0,00225	26,8577	0,13147	10,9151	0,86144	7,28594	0,78326	3,16836	0,7683	0,01602	0,91757
23.10.2019	175,382	0,001	125,904	0,001	79,2131	0,001	47,9968	0,00213	27,3129	0,11738	10,8963	0,8627	7,34915	0,77728	3,18987	0,76555	0,02821	0,89133
24.10.2019	175,642	0,001	126,081	0,001	79,3904	0,001	47,4409	0,00258	27,8596	0,10163	10,9421	0,85964	7,44739	0,768	3,21979	0,76174	0,00417	0,95815
25.10.2019	175,747	0,001	126,163	0,001	79,4978	0,001	47,1121	0,00285	27,6719	0,10704	10,9763	0,85735	7,4429	0,76842	3,2307	0,76034	6,7E-06	0,99873
26.10.2019	175,971	0,001	125,932	0,001	79,6448	0,001	46,8042	0,0031	27,4651	0,11299	10,9883	0,85655	7,4513	0,76763	3,25577	0,75715	0,00017	0,9917
27.10.2019	176,252	0,001	125,787	0,001	79,7452	0,001	46,9281	0,003	27,0019	0,12657	11,0025	0,8556	7,46617	0,76622	3,26345	0,75617	0,00013	0,99368
28.10.2019	176,331	0,001	126,435	0,001	79,7131	0,001	47,2389	0,00275	26,9241	0,12921	11,0131	0,85489	7,48728	0,76423	3,2704	0,75528	0,00237	0,9688
29.10.2019	176,494	0,001	126,6	0,001	79,7536	0,001	47,5813	0,00247	26,407	0,14678	11,0283	0,85387	7,45807	0,76699	3,26497	0,75597	0,0028	0,96571
30.10.2019	176,715	0,001	126,751	0,001	79,8735	0,001	47,7775	0,00231	26,6582	0,13825	11,0415	0,85299	7,47855	0,76505	3,26896	0,75546	0,00249	0,96794
31.10.2019	176,95	0,001	127,042	0,001	80,0171	0,001	47,5515	0,00249	26,7429	0,13537	11,0534	0,85219	7,50795	0,76227	3,26352	0,75616	0,00357	0,96128
1.11.2019	177,183	0,001	127,197	0,001	80,1164	0,001	47,5629	0,00248	26,7392	0,1355	11,0699	0,85109	7,56388	0,75698	3,25734	0,75695	0,00476	0,9552
2.11.2019	177,293	0,001	127,353	0,001	80,2168	0,001	47,577	0,00247	26,4496	0,14534	11,0929	0,84951	7,56685	0,7567	3,24708	0,75825	0,00505	0,95388
3.11.2019	177,554	0,001	127,491	0,001	80,3234	0,001	47,5679	0,00248	26,624	0,13941	11,1291	0,84688	7,58042	0,75542	3,25775	0,75689	0,00762	0,94316
4.11.2019	177,772	0,001	127,665	0,001	80,4229	0,001	47,6427	0,00242	26,4353	0,14582	11,1358	0,84639	7,59791	0,75377	3,23822	0,75939	0,00908	0,93806
5.11.2019	178,014	0,001	127,811	0,001	80,5297	0,001	47,7404	0,00234	26,6048	0,14006	11,1397	0,84611	7,64701	0,74912	3,23028	0,7604	0,0097	0,93601

Trace Test Stat																			
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8		Lag Length
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	
7.09.2018	409,543	0,001	278,218	0,001	148,927	0,00567	90,6555	0,28671	54,9512	0,68214	36,3987	0,65736	18,498	0,81436	6,85909	0,90592	1,58123	0,85848	2
8.09.2018	410,215	0,001	278,501	0,001	148,974	0,00562	90,5812	0,28904	55,0643	0,67794	36,4203	0,65638	18,5016	0,81417	6,84941	0,90649	1,5927	0,85638	2
9.09.2018	410,663	0,001	278,611	0,001	149,111	0,00545	90,5764	0,28919	55,2225	0,67207	36,5926	0,64855	18,6221	0,80769	6,9292	0,90163	1,60672	0,85382	2
10.09.2018	411,648	0,001	279,287	0,001	149,402	0,00509	90,7072	0,28508	55,4321	0,66429	36,7548	0,64118	18,6956	0,80374	6,97844	0,89849	1,62427	0,85061	2
11.09.2018	412,297	0,001	279,472	0,001	149,142	0,00541	90,2763	0,29861	55,5632	0,65942	36,872	0,63585	18,744	0,80114	7,03735	0,89458	1,61385	0,85252	2
12.09.2018	412,512	0,001	279,407	0,001	148,865	0,00575	89,9297	0,30948	55,4905	0,66212	36,7914	0,63952	18,7242	0,8022	6,9985	0,89716	1,63043	0,84946	2
13.09.2018	413,467	0,001	280,284	0,001	149,307	0,00521	90,2646	0,29897	55,4978	0,66185	36,8525	0,63674	18,8311	0,79612	7,05001	0,89375	1,64985	0,84577	2
14.09.2018	414,659	0,001	281,198	0,001	149,862	0,00482	90,6759	0,28607	55,7255	0,65339	36,9975	0,63015	18,8973	0,79224	7,03871	0,89449	1,58836	0,85718	2
15.09.2018	415,054	0,001	281,782	0,001	150,132	0,0047	90,8067	0,28196	55,793	0,65089	37,0166	0,62928	18,9432	0,78954	7,0456	0,89404	1,61556	0,8522	2
16.09.2018	415,842	0,001	282,166	0,001	150,228	0,00465	90,7084	0,28505	55,9455	0,64523	37,2587	0,61827	19,0113	0,78554	7,07441	0,89213	1,62576	0,85034	2
17.09.2018	416,703	0,001	282,526	0,001	150,218	0,00466	90,5897	0,28877	56,017	0,64257	37,2105	0,62047	18,9693	0,78801	7,0166	0,89596	1,63685	0,84824	2
18.09.2018	417,398	0,001	282,858	0,001	150,23	0,00465	90,6238	0,2877	56,0127	0,64273	37,1935	0,62124	19,0277	0,78459	7,01445	0,8961	1,65981	0,84388	2
19.09.2018	418,181	0,001	283,295	0,001	150,381	0,00458	90,7274	0,28445	56,0868	0,63998	37,2487	0,61873	19,1075	0,7799	7,05766	0,89324	1,65549	0,8447	2
20.09.2018	418,602	0,001	283,305	0,001	150,048	0,00474	90,8774	0,27975	56,024	0,64231	37,1351	0,62389	19,2897	0,7692	7,16087	0,8864	1,66	0,84384	2
21.09.2018	418,769	0,001	283,087	0,001	149,576	0,00495	90,6844	0,2858	55,6769	0,6552	36,8292	0,6378	19,2934	0,76899	7,10164	0,89033	1,68056	0,83993	2
22.09.2018	418,372	0,001	282,336	0,001	149,369	0,00513	90,577	0,28917	55,5054	0,66156	36,6237	0,64714	19,2958	0,76884	7,06355	0,89285	1,66541	0,84281	2
23.09.2018	421,181	0,001	284,034	0,001	149,692	0,0049	90,2301	0,30005	55,4229	0,66463	36,5553	0,65025	19,3989	0,76279	7,18075	0,88509	1,63377	0,84883	2
24.09.2018	418,081	0,001	282,383	0,001	149,119	0,00544	89,5259	0,32215	54,8575	0,68562	35,9573	0,67742	19,1437	0,77777	6,98048	0,89835	1,57008	0,86052	2
25.09.2018	415,801	0,001	279,465	0,001	148,926	0,00567	89,4751	0,32374	54,9357	0,68272	35,9832	0,67625	19,2025	0,77432	6,90959	0,90283	1,52825	0,86817	2
26.09.2018	414,151	0,001	277,425	0,001	149,061	0,00551	89,5325	0,32194	54,7472	0,68971	35,7629	0,68626	19,1455	0,77767	6,93523	0,90125	1,58406	0,85796	2
27.09.2018	415,394	0,001	278,344	0,001	149,668	0,00491	89,8785	0,31109	54,9622	0,68173	35,9315	0,6786	19,2593	0,77099	7,03441	0,89478	1,57726	0,85921	2
28.09.2018	414,708	0,001	277,333	0,001	149,767	0,00487	89,8492	0,31201	54,8545	0,68573	35,776	0,68566	19,2277	0,77284	7,00037	0,89703	1,5747	0,85967	2
29.09.2018	414,425	0,001	276,798	0,001	149,9	0,0048	89,9388	0,30919	54,8369	0,68638	35,7021	0,68902	19,2969	0,76878	6,95302	0,90016	1,58039	0,85863	2
30.09.2018	415,236	0,001	277,333	0,001	150,138	0,00469	90,0337	0,30622	54,9744	0,68128	35,7915	0,68496	19,3457	0,76592	6,96234	0,89955	1,5841	0,85796	2
1.10.2018	415,441	0,001	277,24	0,001	150,232	0,00465	89,9927	0,3075	54,9076	0,68376	35,6753	0,69024	19,3674	0,76464	6,97509	0,89871	1,59903	0,85523	2
2.10.2018	415,106	0,001	276,978	0,001	150,771	0,0044	90,3395	0,29662	55,0049	0,68015	35,7265	0,68791	19,3469	0,76585	6,97579	0,89866	1,54483	0,86514	2
3.10.2018	414,934	0,001	276,413	0,001	151,136	0,00423	90,6812	0,2859	55,3377	0,66779	36,0077	0,67513	19,4363	0,7606	7,03174	0,89496	1,55339	0,86357	2
4.10.2018	415,357	0,001	276,6	0,001	151,484	0,00407	90,872	0,27991	55,553	0,6598	36,1727	0,66763	19,5361	0,75474	7,10571	0,89006	1,58819	0,85721	2
5.10.2018	416,264	0,001	277,226	0,001	151,973	0,00384	91,2413	0,26833	55,6681	0,65552	36,2382	0,66466	19,557	0,75351	7,11287	0,88958	1,57551	0,85953	2
6.10.2018	416,655	0,001	277,387	0,001	152,403	0,00365	91,4381	0,26215	55,9195	0,64619	36,438	0,65558	19,6005	0,75096	7,15458	0,88682	1,59439	0,85607	2
7.10.2018	418,383	0,001	278,77	0,001	153,039	0,00335	91,9066	0,24745	56,2529	0,63381	36,7212	0,64271	19,6866	0,7459	7,23092	0,88176	1,59887	0,85525	2
8.10.2018	418,794	0,001	278,841	0,001	153,128	0,00331	91,8174	0,25025	56,2368	0,63441	36,6552	0,64571	19,7096	0,74455	7,23248	0,88166	1,63042	0,84946	2
9.10.2018	419,117	0,001	278,807	0,001	153,21	0,00327	91,7573	0,25214	56,2783	0,63287	36,6562	0,64566	19,72	0,74394	7,21585	0,88276	1,64007	0,84763	2
10.10.2018	471,227	0,001	304,776	0,001	194,168	0,001	125,097	0,001	68,0064	0,19829	36,9937	0,63032	19,9831	0,7285	7,20796	0,88328	1,58947	0,85697	3
11.10.2018	470,671	0,001	303,806	0,001	194,433	0,001	125,201	0,001	68,2354	0,19257	37,136	0,62385	19,959	0,72991	7,14954	0,88715	1,60218	0,85465	3
12.10.2018	472,531	0,001	305,333	0,001	195,27	0,001	125,876	0,001	68,6798	0,18147	37,4417	0,60996	20,1193	0,7205	7,25551	0,88013	1,6117	0,85291	3
13.10.2018	473,662	0,001	305,92	0,001	195,675	0,001	126,104	0,001	68,7898	0,17873	37,5417	0,60541	20,1381	0,7194	7,24864	0,88059	1,63895	0,84784	3

14.10.2018	474,811	0,001	306,615	0,001	196,261	0,001	126,539	0,001	69,1077	0,17121	37,7724	0,59493	20,2373	0,71357	7,31988	0,87587	1,65137	0,84548	3
15.10.2018	476,046	0,001	307,445	0,001	196,712	0,001	126,825	0,001	69,2109	0,16888	37,7699	0,59504	20,2604	0,71221	7,31033	0,8765	1,62371	0,85071	3
16.10.2018	476,776	0,001	307,859	0,001	196,946	0,001	126,905	0,001	69,1863	0,16944	37,685	0,5989	20,2523	0,71269	7,26971	0,87919	1,64615	0,84647	3
17.10.2018	477,671	0,001	308,474	0,001	197,166	0,001	126,951	0,001	69,1473	0,17032	37,6166	0,60201	20,2948	0,7102	7,28162	0,8784	1,6371	0,84819	3
18.10.2018	478,48	0,001	308,964	0,001	197,45	0,001	127,011	0,001	69,0652	0,17216	37,4454	0,60979	20,2921	0,71036	7,24893	0,88057	1,6243	0,8506	3
19.10.2018	479,423	0,001	309,443	0,001	197,796	0,001	127,184	0,001	69,0955	0,17148	37,382	0,61267	20,2773	0,71122	7,19957	0,88384	1,61427	0,85244	3
20.10.2018	480,251	0,001	309,863	0,001	198,092	0,001	127,343	0,001	69,1815	0,16955	37,3811	0,61271	20,2707	0,71161	7,16861	0,88589	1,61835	0,85169	3
21.10.2018	481,082	0,001	310,288	0,001	198,454	0,001	127,548	0,001	69,2413	0,1682	37,3782	0,61284	20,29	0,71047	7,15616	0,88671	1,623	0,85084	3
22.10.2018	482,09	0,001	310,905	0,001	198,847	0,001	127,774	0,001	69,343	0,16591	37,4195	0,61097	20,3178	0,70884	7,15993	0,88646	1,62709	0,85009	3
23.10.2018	483,039	0,001	311,481	0,001	199,265	0,001	128,027	0,001	69,4341	0,16387	37,406	0,61158	20,3526	0,7068	7,15908	0,88652	1,62804	0,84992	3
24.10.2018	483,883	0,001	311,946	0,001	199,694	0,001	128,282	0,001	69,5425	0,16143	37,4566	0,60928	20,3771	0,70537	7,14452	0,88749	1,6327	0,84903	3
25.10.2018	484,825	0,001	312,556	0,001	200,184	0,001	128,627	0,001	69,7464	0,15684	37,5766	0,60383	20,4482	0,70119	7,18076	0,88508	1,64446	0,8468	3
26.10.2018	485,815	0,001	313,179	0,001	200,656	0,001	128,935	0,001	69,9054	0,15327	37,6794	0,59915	20,5089	0,69763	7,2066	0,88337	1,65477	0,84484	3
27.10.2018	486,655	0,001	313,591	0,001	201,098	0,001	129,222	0,001	70,0468	0,15009	37,7431	0,59626	20,5486	0,6953	7,20769	0,8833	1,67012	0,84192	3
28.10.2018	487,749	0,001	314,284	0,001	201,444	0,001	129,409	0,001	70,0887	0,14924	37,8193	0,5928	20,6047	0,692	7,2289	0,8819	1,68019	0,84	3
29.10.2018	488,614	0,001	314,708	0,001	201,871	0,001	129,686	0,001	70,2191	0,14664	37,8493	0,59143	20,586	0,6931	7,17817	0,88526	1,69145	0,83786	3
30.10.2018	489,683	0,001	315,384	0,001	202,363	0,001	130,015	0,001	70,4022	0,14299	37,9477	0,58696	20,6602	0,68874	7,21772	0,88264	1,69438	0,8373	3
31.10.2018	490,552	0,001	315,855	0,001	202,785	0,001	130,298	0,001	70,5391	0,14026	37,9894	0,58506	20,7014	0,68633	7,22878	0,8819	1,7074	0,83483	3
1.11.2018	491,403	0,001	316,303	0,001	203,182	0,001	130,533	0,001	70,648	0,13809	38,0366	0,58292	20,756	0,68312	7,24414	0,88089	1,70606	0,83508	3
2.11.2018	492,713	0,001	317,248	0,001	203,677	0,001	130,796	0,001	70,7503	0,13605	38,1097	0,5796	20,8173	0,67952	7,28269	0,87833	1,71341	0,83369	3
3.11.2018	493,642	0,001	317,809	0,001	204,122	0,001	131,054	0,001	70,8654	0,13376	38,1045	0,57983	20,7988	0,6806	7,24484	0,88084	1,70888	0,83455	3
4.11.2018	494,139	0,001	318,088	0,001	204,375	0,001	131,221	0,001	70,9021	0,13303	38,0534	0,58216	20,7958	0,68079	7,21824	0,8826	1,70617	0,83506	3
5.11.2018	494,948	0,001	318,774	0,001	204,905	0,001	131,536	0,001	71,072	0,12964	38,0979	0,58013	20,8172	0,67953	7,2132	0,88294	1,7033	0,83561	3
6.11.2018	495,257	0,001	319,169	0,001	204,926	0,001	131,605	0,001	70,9951	0,13117	37,8971	0,58926	20,8114	0,67987	7,19121	0,88439	1,71559	0,83327	3
7.11.2018	495,815	0,001	319,189	0,001	205,176	0,001	131,64	0,001	70,8854	0,13336	37,7459	0,59613	20,684	0,68734	7,05666	0,89331	1,69733	0,83674	3
8.11.2018	496,896	0,001	319,757	0,001	205,441	0,001	131,833	0,001	70,9697	0,13168	37,894	0,5894	20,7938	0,6809	7,12661	0,88867	1,69257	0,83765	3
9.11.2018	498,313	0,001	320,749	0,001	206,147	0,001	132,163	0,001	71,1713	0,12766	37,9534	0,5867	20,8162	0,67959	7,11675	0,88933	1,69715	0,83678	3
10.11.2018	499,059	0,001	321,098	0,001	206,268	0,001	132,204	0,001	71,0985	0,12911	37,8472	0,59153	20,8158	0,67961	7,07439	0,89213	1,70156	0,83594	3
11.11.2018	499,844	0,001	321,529	0,001	206,245	0,001	131,976	0,001	71,0197	0,13068	37,7773	0,59471	20,8057	0,6802	7,09146	0,891	1,69943	0,83634	3
12.11.2018	500,718	0,001	321,98	0,001	206,486	0,001	132,027	0,001	70,8606	0,13385	37,5101	0,60685	20,7311	0,68458	6,94992	0,90035	1,69498	0,83719	3
13.11.2018	501,033	0,001	321,866	0,001	206,294	0,001	131,654	0,001	70,3156	0,14472	37,3487	0,61419	20,6317	0,69042	6,73616	0,91317	1,68907	0,83831	3
14.11.2018	502,409	0,001	322,814	0,001	207,047	0,001	132,154	0,001	70,8171	0,13472	37,6799	0,59913	20,7957	0,68079	6,82187	0,90814	1,72786	0,83094	3
15.11.2018	503,386	0,001	323,369	0,001	207,25	0,001	132,096	0,001	70,7495	0,13607	37,6571	0,60017	20,9239	0,67326	6,89372	0,90381	1,75096	0,82655	3
16.11.2018	504,333	0,001	323,933	0,001	207,519	0,001	132,213	0,001	70,7943	0,13518	37,7043	0,59802	20,9825	0,66982	6,89651	0,90364	1,77091	0,8227	3
17.11.2018	505,095	0,001	324,303	0,001	207,683	0,001	132,197	0,001	70,7028	0,137	37,5266	0,6061	20,9771	0,67014	6,84955	0,90649	1,78575	0,81981	3
18.11.2018	505,653	0,001	324,269	0,001	207,257	0,001	131,585	0,001	69,8226	0,15513	37,0201	0,62912	20,7075	0,68597	6,53955	0,9241	1,75931	0,82496	3
19.11.2018	505,486	0,001	323,715	0,001	206,78	0,001	131	0,001	69,299	0,1669	36,6661	0,64521	20,616	0,69134	6,44856	0,92889	1,8213	0,81288	3
20.11.2018	505,782	0,001	323,56	0,001	207,487	0,001	131,281	0,001	69,6889	0,15814	36,8217	0,63814	20,7069	0,686	6,6249	0,91947	1,87502	0,80241	3
21.11.2018	507,363	0,001	324,711	0,001	207,72	0,001	131,355	0,001	69,6264	0,15954	36,9986	0,6301	20,7314	0,68457	6,70176	0,91515	1,87445	0,80252	3
22.11.2018	508,712	0,001	325,393	0,001	208,361	0,001	131,825	0,001	70,0062	0,151	37,3904	0,61229	20,7397	0,68407	6,68998	0,91581	1,94406	0,79149	3

23.11.2018	508,554	0,001	324,79	0,001	208,045	0,001	131,33	0,001	69,3358	0,16608	37,0117	0,6295	20,5072	0,69772	6,5924	0,92124	1,97249	0,78722	3
24.11.2018	509,534	0,001	325,366	0,001	209,11	0,001	132,234	0,001	70,0781	0,14945	37,5278	0,60604	20,5823	0,69332	6,76457	0,91152	2,02914	0,77871	3
25.11.2018	510,102	0,001	325,473	0,001	209,132	0,001	132,018	0,001	69,8658	0,15416	37,4722	0,60857	20,5139	0,69733	6,80198	0,90933	2,04642	0,77612	3
26.11.2018	511,326	0,001	326,29	0,001	209,851	0,001	132,691	0,001	70,3679	0,14368	37,8564	0,59111	20,6047	0,692	6,89485	0,90374	2,09187	0,76929	3
27.11.2018	511,762	0,001	326,392	0,001	210,481	0,001	133,143	0,001	70,8119	0,13483	38,1503	0,57775	20,6837	0,68736	6,99154	0,89762	2,08862	0,76978	3
28.11.2018	513,166	0,001	327,545	0,001	210,926	0,001	133,391	0,001	71,0386	0,13031	38,3879	0,56695	20,8547	0,67732	7,03068	0,89503	2,08165	0,77083	3
29.11.2018	514,108	0,001	328,006	0,001	210,903	0,001	133,366	0,001	70,8622	0,13382	38,2724	0,5722	20,7644	0,68263	6,91642	0,90241	2,06695	0,77303	3
30.11.2018	514,671	0,001	328,157	0,001	211,192	0,001	133,504	0,001	70,9264	0,13254	38,1671	0,57699	20,825	0,67907	6,90906	0,90287	2,07764	0,77143	3
1.12.2018	515,138	0,001	328,279	0,001	211,088	0,001	133,191	0,001	70,6979	0,1371	37,9077	0,58878	20,7246	0,68496	6,88487	0,90436	2,04202	0,77678	3
2.12.2018	516,008	0,001	328,711	0,001	211,27	0,001	133,209	0,001	70,5892	0,13926	37,8082	0,5933	20,5839	0,69323	6,81274	0,90869	2,04984	0,7756	3
3.12.2018	517,025	0,001	329,4	0,001	211,87	0,001	133,621	0,001	70,8563	0,13394	37,9734	0,58579	20,6022	0,69215	6,81621	0,90848	2,05159	0,77534	3
4.12.2018	518,555	0,001	330,477	0,001	212,587	0,001	134,156	0,001	71,0014	0,13105	38,1051	0,57981	20,5358	0,69605	6,7358	0,91319	1,97547	0,78677	3
5.12.2018	519,782	0,001	331,282	0,001	213,111	0,001	134,52	0,001	71,1616	0,12785	38,2946	0,57119	20,4626	0,70035	6,71246	0,91454	1,9593	0,7892	3
6.12.2018	520,014	0,001	331,307	0,001	213,096	0,001	134,297	0,001	71,3512	0,12421	38,5074	0,56152	20,4679	0,70003	6,79876	0,90952	2,04647	0,77611	3
7.12.2018	521,121	0,001	332,135	0,001	213,62	0,001	134,614	0,001	71,7424	0,11755	38,8129	0,54763	20,6187	0,69118	6,97148	0,89895	2,11234	0,76622	3
8.12.2018	522,128	0,001	332,672	0,001	213,875	0,001	134,741	0,001	71,8081	0,11643	38,7971	0,54835	20,6441	0,68969	7,04215	0,89427	2,11838	0,76531	3
9.12.2018	523,441	0,001	333,03	0,001	213,935	0,001	134,653	0,001	71,591	0,12013	38,6065	0,55702	20,4987	0,69823	6,97192	0,89892	2,13552	0,76273	3
10.12.2018	524,417	0,001	333,669	0,001	214,338	0,001	134,899	0,001	71,6821	0,11858	38,6123	0,55675	20,4596	0,70052	6,9527	0,90018	2,14849	0,76079	3
11.12.2018	525,287	0,001	334,519	0,001	214,981	0,001	135,364	0,001	71,8902	0,11504	38,7071	0,55245	20,4661	0,70014	6,96188	0,89958	2,12103	0,76491	3
12.12.2018	525,794	0,001	334,895	0,001	215,096	0,001	135,305	0,001	71,7483	0,11745	38,6154	0,55661	20,3629	0,7062	6,97455	0,89874	2,12979	0,76359	3
13.12.2018	526,446	0,001	335,433	0,001	215,389	0,001	135,42	0,001	71,828	0,11609	38,6517	0,55496	20,2969	0,71007	7,02828	0,89519	2,16931	0,75766	3
14.12.2018	526,979	0,001	335,83	0,001	215,684	0,001	135,531	0,001	71,8328	0,11601	38,592	0,55767	20,1928	0,71619	7,08288	0,89157	2,18552	0,75522	3
15.12.2018	459,491	0,001	327,939	0,001	204,099	0,001	126,342	0,001	67,3824	0,22063	41,7691	0,41328	19,6528	0,74789	6,57058	0,92243	2,666	0,68306	4
16.12.2018	460,393	0,001	328,548	0,001	204,704	0,001	126,792	0,001	67,6931	0,20909	41,9402	0,4055	19,7573	0,74175	6,65203	0,91794	2,6646	0,68327	4
17.12.2018	460,913	0,001	328,758	0,001	204,754	0,001	126,804	0,001	67,5405	0,21476	41,7289	0,4151	19,6915	0,74561	6,69057	0,91578	2,65951	0,68403	4
18.12.2018	461,738	0,001	329,301	0,001	204,976	0,001	126,931	0,001	67,5184	0,21557	41,6675	0,4179	19,6334	0,74902	6,64276	0,91846	2,64005	0,68696	4
19.12.2018	462,145	0,001	329,433	0,001	205,403	0,001	127,505	0,001	67,9603	0,19944	41,9956	0,40298	19,9247	0,73192	6,69133	0,91574	2,63207	0,68815	4
20.12.2018	462,19	0,001	329,201	0,001	205,778	0,001	127,791	0,001	68,1101	0,1957	42,1219	0,39724	20,0284	0,72584	6,67176	0,91684	2,63966	0,68701	4
21.12.2018	462,898	0,001	329,64	0,001	206,708	0,001	128,405	0,001	68,5951	0,18359	42,5388	0,37829	20,3118	0,7092	6,80387	0,90922	2,63793	0,68727	4
22.12.2018	464,029	0,001	330,502	0,001	207,032	0,001	128,616	0,001	68,6711	0,18169	42,5546	0,37757	20,3088	0,70937	6,76562	0,91146	2,63173	0,68821	4
23.12.2018	465,155	0,001	331,396	0,001	207,743	0,001	128,945	0,001	68,87	0,17672	42,6754	0,37209	20,3072	0,70946	6,8412	0,90699	2,65784	0,68428	4
24.12.2018	465,795	0,001	331,646	0,001	207,646	0,001	128,694	0,001	68,5617	0,18442	42,3495	0,3869	19,9991	0,72755	6,75258	0,91221	2,6674	0,68285	4
25.12.2018	466,109	0,001	331,68	0,001	207,972	0,001	128,842	0,001	68,6522	0,18216	42,3386	0,38739	19,9536	0,73022	6,81465	0,90857	2,70118	0,67777	4
26.12.2018	466,834	0,001	332,178	0,001	208,134	0,001	128,889	0,001	68,5371	0,18504	42,2427	0,39175	19,8701	0,73513	6,80302	0,90927	2,70311	0,67748	4
27.12.2018	467,183	0,001	332,108	0,001	208,599	0,001	129,231	0,001	68,8773	0,17654	42,4462	0,3825	20,0101	0,72691	6,88403	0,90441	2,71628	0,67551	4
28.12.2018	468,568	0,001	333,255	0,001	209,085	0,001	129,611	0,001	69,0198	0,17318	42,5802	0,37641	19,9984	0,7276	6,87197	0,90515	2,70686	0,67692	4
29.12.2018	469,067	0,001	333,462	0,001	209,509	0,001	129,828	0,001	69,1544	0,17016	42,6742	0,37214	19,9854	0,72836	6,90206	0,9033	2,73154	0,67321	4
30.12.2018	469,877	0,001	333,991	0,001	209,644	0,001	129,889	0,001	69,0962	0,17146	42,6213	0,37454	19,8926	0,73381	6,896	0,90367	2,73144	0,67323	4
31.12.2018	470,805	0,001	334,622	0,001	210,222	0,001	130,267	0,001	69,2882	0,16715	42,7072	0,37064	19,9312	0,73154	6,88048	0,90463	2,70382	0,67738	4
1.01.2019	471,499	0,001	335,079	0,001	210,51	0,001	130,483	0,001	69,3822	0,16503	42,7173	0,37018	19,9245	0,73193	6,93998	0,90096	2,72323	0,67446	4

2.01.2019	472,574	0,001	335,867	0,001	211,002	0,001	130,766	0,001	69,5107	0,16214	42,8208	0,36548	19,9046	0,7331	6,9798	0,8984	2,74626	0,671	4
3.01.2019	473,245	0,001	336,249	0,001	211,313	0,001	130,969	0,001	69,6295	0,15947	42,8647	0,36348	19,9146	0,73252	7,01979	0,89575	2,75573	0,66958	4
4.01.2019	474,472	0,001	337,184	0,001	211,933	0,001	131,316	0,001	69,8676	0,15412	43,0536	0,3549	19,9797	0,72869	7,04125	0,89433	2,75763	0,6693	4
5.01.2019	475,102	0,001	337,522	0,001	212,374	0,001	131,585	0,001	70,0041	0,15105	43,0592	0,35464	19,9207	0,73216	7,10204	0,8903	2,76065	0,66884	4
6.01.2019	475,502	0,001	337,637	0,001	212,416	0,001	131,56	0,001	69,8834	0,15376	42,9265	0,36067	19,8013	0,73917	7,10024	0,89042	2,74986	0,67046	4
7.01.2019	475,978	0,001	337,882	0,001	212,836	0,001	131,743	0,001	70,0249	0,15058	43,032	0,35588	19,8746	0,73486	7,09883	0,89051	2,74443	0,67128	4
8.01.2019	476,682	0,001	338,423	0,001	213,162	0,001	131,948	0,001	70,0219	0,15065	43,0043	0,35714	19,8423	0,73676	7,08042	0,89173	2,70183	0,67768	4
9.01.2019	476,5	0,001	338,158	0,001	213,098	0,001	131,639	0,001	69,7028	0,15782	42,8902	0,36232	19,6794	0,74632	7,09552	0,89073	2,71447	0,67578	4
10.01.2019	476,565	0,001	337,945	0,001	213,026	0,001	131,455	0,001	69,8208	0,15517	42,8747	0,36303	19,6773	0,74645	7,11227	0,88962	2,74663	0,67095	4
11.01.2019	477,522	0,001	338,621	0,001	213,352	0,001	131,759	0,001	69,9108	0,15314	42,8972	0,362	19,7069	0,74471	7,08174	0,89164	2,73545	0,67263	4
12.01.2019	477,719	0,001	338,568	0,001	213,521	0,001	131,746	0,001	69,7947	0,15576	42,7279	0,3697	19,5432	0,75432	7,09334	0,89088	2,74931	0,67055	4
13.01.2019	477,457	0,001	338,242	0,001	213,316	0,001	131,745	0,001	69,9874	0,15142	42,8229	0,36538	19,6365	0,74885	7,12425	0,88883	2,77898	0,66609	4
14.01.2019	478,375	0,001	339,166	0,001	214,202	0,001	132,243	0,001	70,1333	0,14835	42,949	0,35965	19,6005	0,75096	7,12934	0,88849	2,74188	0,67166	4
15.01.2019	478,341	0,001	338,901	0,001	214,386	0,001	132,287	0,001	70,2177	0,14667	42,9717	0,35862	19,5966	0,75118	7,17271	0,88562	2,77155	0,6672	4
16.01.2019	478,887	0,001	339,435	0,001	214,64	0,001	132,436	0,001	70,3679	0,14367	43,095	0,35302	19,6277	0,74936	7,17616	0,88539	2,76612	0,66802	4
17.01.2019	479,735	0,001	339,916	0,001	215,129	0,001	132,682	0,001	70,459	0,14186	43,1264	0,35159	19,6619	0,74735	7,15025	0,88711	2,73536	0,67264	4
18.01.2019	480,236	0,001	340,446	0,001	215,564	0,001	132,959	0,001	70,5418	0,14021	43,149	0,35056	19,6602	0,74745	7,15902	0,88652	2,72344	0,67443	4
19.01.2019	480,38	0,001	340,351	0,001	215,627	0,001	132,906	0,001	70,4609	0,14182	43,0485	0,35513	19,5245	0,75542	7,13606	0,88805	2,71844	0,67518	4
20.01.2019	480,741	0,001	340,585	0,001	216,028	0,001	133,151	0,001	70,6014	0,13902	43,1195	0,3519	19,5603	0,75331	7,1561	0,88672	2,71631	0,6755	4
21.01.2019	480,974	0,001	340,7	0,001	216,257	0,001	133,257	0,001	70,6846	0,13736	43,1473	0,35063	19,5517	0,75382	7,17531	0,88545	2,69406	0,67884	4
22.01.2019	481,2	0,001	340,703	0,001	216,568	0,001	133,357	0,001	70,7941	0,13518	43,2153	0,34755	19,5705	0,75272	7,22698	0,88202	2,71626	0,67551	4
23.01.2019	481,58	0,001	340,879	0,001	216,84	0,001	133,487	0,001	70,896	0,13315	43,2634	0,34536	19,5722	0,75262	7,24861	0,88059	2,72314	0,67448	4
24.01.2019	481,763	0,001	340,761	0,001	216,997	0,001	133,485	0,001	70,9672	0,13173	43,2771	0,34474	19,542	0,75439	7,26073	0,87979	2,72324	0,67446	4
25.01.2019	482,277	0,001	341,101	0,001	217,454	0,001	133,778	0,001	71,0316	0,13045	43,2881	0,34424	19,5026	0,75671	7,25049	0,88047	2,7042	0,67732	4
26.01.2019	482,602	0,001	341,277	0,001	217,805	0,001	133,945	0,001	71,112	0,12884	43,3523	0,34132	19,5017	0,75675	7,24404	0,88089	2,66643	0,68299	4
27.01.2019	482,622	0,001	341,184	0,001	217,961	0,001	133,932	0,001	71,1485	0,12812	43,3834	0,33991	19,4724	0,75847	7,24923	0,88055	2,65841	0,6842	4
28.01.2019	481,476	0,001	339,611	0,001	217,206	0,001	133,134	0,001	71,1069	0,12894	43,2696	0,34508	19,3275	0,76698	7,34835	0,87388	2,75765	0,66929	4
29.01.2019	482,125	0,001	340,04	0,001	217,629	0,001	133,446	0,001	71,2735	0,12562	43,3626	0,34085	19,3769	0,76408	7,38055	0,87152	2,75229	0,6701	4
30.01.2019	482,025	0,001	339,706	0,001	217,752	0,001	133,473	0,001	71,1543	0,128	43,1808	0,34912	19,1486	0,77748	7,40575	0,86968	2,77412	0,66682	4
31.01.2019	482,657	0,001	340,094	0,001	218,161	0,001	133,786	0,001	71,2702	0,12569	43,2497	0,34598	19,1621	0,77669	7,42422	0,86833	2,79725	0,66334	4
1.02.2019	482,862	0,001	339,999	0,001	218,54	0,001	133,935	0,001	71,3633	0,124	43,3208	0,34275	19,1763	0,77586	7,39736	0,87029	2,74839	0,67068	4
2.02.2019	483,531	0,001	340,432	0,001	219,05	0,001	134,328	0,001	71,3729	0,12384	43,3002	0,34369	19,0884	0,78102	7,38021	0,87155	2,72682	0,67392	4
3.02.2019	483,618	0,001	340,258	0,001	219,03	0,001	134,249	0,001	71,4224	0,123	43,3286	0,34239	19,071	0,78204	7,41098	0,8693	2,74158	0,67171	4
4.02.2019	484,702	0,001	341,072	0,001	219,704	0,001	134,682	0,001	71,6292	0,11948	43,4789	0,33557	19,1552	0,7771	7,37872	0,87166	2,67801	0,68125	4
5.02.2019	485,92	0,001	342,015	0,001	220,301	0,001	135,114	0,001	71,6859	0,11851	43,5122	0,33405	19,14	0,77799	7,29928	0,87723	2,59986	0,69299	4
6.02.2019	486,781	0,001	342,619	0,001	220,667	0,001	135,341	0,001	71,8095	0,11641	43,6088	0,32966	19,2018	0,77436	7,27533	0,87882	2,56011	0,69896	4
7.02.2019	487,054	0,001	342,6	0,001	220,806	0,001	135,429	0,001	72,0887	0,11166	43,7498	0,32325	19,28	0,76977	7,32436	0,87557	2,57727	0,69638	4
8.02.2019	487,728	0,001	343	0,001	221,334	0,001	135,782	0,001	71,8753	0,11529	43,4806	0,33549	18,9309	0,79027	7,25102	0,88043	2,47864	0,7112	4
9.02.2019	488,646	0,001	343,638	0,001	221,803	0,001	136,097	0,001	72,0322	0,11262	43,5818	0,33089	18,9665	0,78818	7,20605	0,88341	2,41995	0,72001	4
10.02.2019	489,755	0,001	344,454	0,001	222,062	0,001	136,167	0,001	71,9569	0,1139	43,453	0,33674	18,8612	0,79436	7,15195	0,88699	2,35725	0,72943	4

11.02.2019	491,047	0,001	345,389	0,001	222,704	0,001	136,676	0,001	72,2435	0,10902	43,7119	0,32497	19,1309	0,77852	7,09241	0,89094	2,28944	0,73962	4
12.02.2019	491,68	0,001	345,79	0,001	222,982	0,001	136,797	0,001	72,2545	0,10883	43,6617	0,32726	18,8919	0,79255	7,12717	0,88864	2,31307	0,73607	4
13.02.2019	492,298	0,001	346,048	0,001	223,133	0,001	136,866	0,001	72,3814	0,10668	43,7485	0,32331	18,9483	0,78924	7,19469	0,88416	2,37104	0,72736	4
14.02.2019	492,417	0,001	346,279	0,001	223,321	0,001	136,911	0,001	72,3742	0,1068	43,7237	0,32444	18,8761	0,79348	7,21326	0,88293	2,38052	0,72594	4
15.02.2019	493,682	0,001	347,305	0,001	224,064	0,001	137,418	0,001	72,5123	0,10445	43,7992	0,32101	19,0294	0,78449	7,16802	0,88593	2,32538	0,73422	4
16.02.2019	493,459	0,001	347,293	0,001	224,021	0,001	137,254	0,001	72,3446	0,1073	43,5773	0,33109	18,9022	0,79195	7,20543	0,88345	2,35303	0,73006	4
17.02.2019	494,073	0,001	347,741	0,001	224,159	0,001	137,29	0,001	72,2682	0,1086	43,4887	0,33512	19,0309	0,78439	7,23973	0,88118	2,37864	0,72622	4
18.02.2019	494,776	0,001	348,509	0,001	224,629	0,001	137,668	0,001	72,4298	0,10585	43,5902	0,33051	18,8807	0,79322	7,23489	0,8815	2,37035	0,72746	4
19.02.2019	496,428	0,001	349,528	0,001	225,273	0,001	138,005	0,001	72,6809	0,10158	43,7743	0,32214	19,0648	0,78241	7,14753	0,88729	2,27519	0,74176	4
20.02.2019	496,827	0,001	350	0,001	225,5	0,001	138,082	0,001	72,7332	0,10069	43,7694	0,32236	18,8811	0,79319	7,11183	0,88965	2,23357	0,74801	4
21.02.2019	497,505	0,001	350,473	0,001	225,778	0,001	138,321	0,001	72,8181	0,09932	43,7965	0,32113	18,9613	0,78848	7,14301	0,88759	2,26008	0,74402	4
22.02.2019	498,268	0,001	351,094	0,001	226,166	0,001	138,651	0,001	73,0358	0,09602	43,9817	0,31271	19,0513	0,7832	7,08837	0,8912	2,20632	0,7521	4
23.02.2019	498,876	0,001	351,842	0,001	226,711	0,001	139,014	0,001	73,2883	0,09229	44,1046	0,30713	18,8767	0,79345	7,13189	0,88832	2,24436	0,74639	4
24.02.2019	499,426	0,001	352,119	0,001	226,773	0,001	138,954	0,001	73,1674	0,09406	43,9456	0,31435	19,0257	0,7847	7,17306	0,88559	2,26716	0,74296	4
25.02.2019	498,816	0,001	352,153	0,001	226,556	0,001	138,882	0,001	73,0751	0,09543	43,812	0,32043	18,8612	0,79436	7,2298	0,88184	2,3018	0,73776	4
26.02.2019	498,984	0,001	352,467	0,001	226,778	0,001	138,882	0,001	73,0008	0,09656	43,6784	0,3265	18,8633	0,79423	7,27575	0,87879	2,34226	0,73168	4
27.02.2019	499,508	0,001	353,224	0,001	227,23	0,001	139,227	0,001	73,1583	0,0942	43,7803	0,32187	18,9361	0,78996	7,27203	0,87904	2,31854	0,73524	4
28.02.2019	499,867	0,001	353,788	0,001	227,55	0,001	139,338	0,001	73,0869	0,09525	43,6347	0,32848	18,9682	0,78808	7,2489	0,88057	2,27485	0,74181	4
1.03.2019	500,586	0,001	354,164	0,001	227,713	0,001	139,292	0,001	73,1104	0,0949	43,6049	0,32984	19,1164	0,77938	7,15465	0,88681	2,16411	0,75844	4
2.03.2019	501,053	0,001	354,669	0,001	227,942	0,001	139,396	0,001	73,2327	0,09311	43,6803	0,32641	19,1384	0,77809	7,08222	0,89161	2,08405	0,77046	4
3.03.2019	502,32	0,001	355,558	0,001	228,541	0,001	139,927	0,001	73,4718	0,08963	43,864	0,31806	19,1323	0,77844	7,0865	0,89133	2,08838	0,76981	4
4.03.2019	503,208	0,001	356,193	0,001	228,939	0,001	140,231	0,001	73,7139	0,08629	44,0869	0,30793	19,2975	0,76875	7,05057	0,89371	2,04479	0,77636	4
5.03.2019	502,515	0,001	355,031	0,001	227,808	0,001	138,88	0,001	74,1921	0,07992	44,4869	0,28975	19,4524	0,75965	6,85677	0,90605	1,8496	0,80737	4
6.03.2019	503	0,001	355,374	0,001	227,934	0,001	138,834	0,001	74,0516	0,08177	44,2764	0,29932	19,5042	0,75661	6,78992	0,91005	1,77846	0,82123	4
7.03.2019	503,91	0,001	355,635	0,001	228,09	0,001	138,847	0,001	74,1216	0,08085	44,29	0,2987	19,637	0,74881	6,7236	0,91389	1,7121	0,83394	4
8.03.2019	505,363	0,001	357,636	0,001	229,53	0,001	140,083	0,001	74,8229	0,07212	44,9676	0,2679	19,621	0,74975	6,72374	0,91389	1,72374	0,83172	4
9.03.2019	506,847	0,001	358,284	0,001	229,915	0,001	140,288	0,001	75,3219	0,06638	45,5708	0,24049	19,6624	0,74732	6,70113	0,91519	1,704	0,83548	4
10.03.2019	507,446	0,001	359,564	0,001	231,016	0,001	141,244	0,001	76,0905	0,05829	46,2919	0,20771	19,7303	0,74334	6,72012	0,91409	1,70461	0,83536	4
11.03.2019	507,839	0,001	360,069	0,001	231,145	0,001	141,22	0,001	75,9508	0,05966	46,1368	0,21476	19,8663	0,73535	6,78396	0,9104	1,71091	0,83416	4
12.03.2019	507,882	0,001	360,997	0,001	231,783	0,001	141,742	0,001	76,3355	0,05588	46,4286	0,2015	20,0021	0,72738	6,76489	0,9115	1,65612	0,84458	4
13.03.2019	508,211	0,001	361,627	0,001	232,23	0,001	142,02	0,001	76,3238	0,05599	46,3942	0,20306	20,0232	0,72614	6,79129	0,90997	1,67066	0,84181	4
14.03.2019	508,418	0,001	362,086	0,001	232,472	0,001	142,082	0,001	76,2453	0,05677	46,2977	0,20745	20,0366	0,72535	6,80403	0,90921	1,67499	0,84099	4
15.03.2019	508,125	0,001	362,714	0,001	233,008	0,001	142,451	0,001	76,5045	0,05427	46,5431	0,19756	20,0582	0,72409	6,80049	0,90942	1,67241	0,84148	4
16.03.2019	508,945	0,001	363,067	0,001	232,839	0,001	142,229	0,001	76,4754	0,05454	46,4621	0,19998	20,1536	0,71848	6,78459	0,91036	1,64248	0,84717	4
17.03.2019	507,999	0,001	363,052	0,001	232,956	0,001	142,186	0,001	76,1993	0,05722	46,1354	0,21483	20,1647	0,71783	6,79809	0,90956	1,65193	0,84538	4
18.03.2019	508,795	0,001	363,392	0,001	233,201	0,001	142,3	0,001	76,1884	0,05732	46,0714	0,21773	20,2372	0,71357	6,81579	0,90851	1,65798	0,84422	4
19.03.2019	508,542	0,001	364,005	0,001	233,783	0,001	142,642	0,001	76,4497	0,05477	46,2782	0,20834	20,2635	0,71204	6,82924	0,9077	1,657	0,84441	4
20.03.2019	508,347	0,001	364,036	0,001	233,746	0,001	142,412	0,001	76,0546	0,05864	45,8348	0,22849	20,254	0,71259	6,84912	0,90651	1,67121	0,84171	4
21.03.2019	506,578	0,001	363,091	0,001	233,065	0,001	141,557	0,001	75,3853	0,06567	45,0945	0,26214	20,2198	0,7146	6,89089	0,90398	1,70837	0,83464	4
22.03.2019	507,242	0,001	363,926	0,001	233,44	0,001	141,848	0,001	75,3069	0,06655	44,9681	0,26788	20,3398	0,70755	6,8827	0,90449	1,6822	0,83962	4

23.03.2019	506,047	0,001	363,077	0,001	233,013	0,001	141,382	0,001	74,7024	0,07355	44,33	0,29688	20,3523	0,70682	6,88458	0,90437	1,68356	0,83936	4
24.03.2019	507,47	0,001	363,649	0,001	232,66	0,001	140,959	0,001	74,4051	0,07723	44,0223	0,31087	20,5111	0,6975	6,8821	0,90453	1,64434	0,84682	4
25.03.2019	507,513	0,001	364,365	0,001	233,385	0,001	141,44	0,001	74,4044	0,07723	43,9788	0,31285	20,5245	0,69671	6,88714	0,90422	1,64868	0,84599	4
26.03.2019	508,964	0,001	364,903	0,001	233,687	0,001	141,456	0,001	74,2303	0,07944	43,8152	0,32028	20,5482	0,69532	6,88754	0,90419	1,66088	0,84367	4
27.03.2019	510,154	0,001	366,484	0,001	235,114	0,001	142,704	0,001	75,4837	0,06459	45,0198	0,26553	20,5248	0,69669	6,86791	0,90539	1,65831	0,84416	4
28.03.2019	510,928	0,001	366,955	0,001	235,118	0,001	142,643	0,001	75,3262	0,06633	44,8501	0,27324	20,5587	0,6947	6,86978	0,90528	1,66062	0,84372	4
29.03.2019	509,566	0,001	366,127	0,001	234,39	0,001	141,72	0,001	74,3582	0,07782	43,861	0,3182	20,5772	0,69362	6,8879	0,90417	1,67087	0,84177	4
30.03.2019	509,766	0,001	366,134	0,001	234,262	0,001	141,449	0,001	73,9241	0,08346	43,3915	0,33954	20,6706	0,68813	6,90407	0,90317	1,66435	0,84301	4
31.03.2019	510,241	0,001	366,648	0,001	234,442	0,001	141,481	0,001	73,9329	0,08334	43,3422	0,34178	20,7164	0,68544	6,91345	0,9026	1,66318	0,84323	4
1.04.2019	510,898	0,001	366,686	0,001	234,177	0,001	141,011	0,001	73,3839	0,0909	42,6871	0,37155	20,6419	0,68982	6,87067	0,90522	1,66682	0,84254	4
2.04.2019	511,974	0,001	367,885	0,001	235,24	0,001	141,89	0,001	74,669	0,07395	43,9306	0,31503	20,6709	0,68812	6,88132	0,90457	1,69391	0,83739	4
3.04.2019	510,506	0,001	366,589	0,001	235,955	0,001	142,495	0,001	74,8519	0,07177	44,0373	0,31019	20,6474	0,6895	6,77305	0,91103	1,68086	0,83987	4
4.04.2019	512,258	0,001	368,02	0,001	236,316	0,001	143,068	0,001	75,4308	0,06516	44,4215	0,29272	20,6671	0,68834	6,82591	0,9079	1,70255	0,83575	4
5.04.2019	512,118	0,001	368,328	0,001	237,505	0,001	143,911	0,001	76,4658	0,05462	45,4199	0,24735	20,7114	0,68574	6,83337	0,90745	1,73419	0,82973	4
6.04.2019	512,686	0,001	368,725	0,001	237,643	0,001	143,85	0,001	76,1613	0,05759	44,8822	0,27178	20,7387	0,68413	6,80928	0,90889	1,72065	0,83231	4
7.04.2019	511,839	0,001	368,365	0,001	237,328	0,001	143,338	0,001	75,7314	0,06196	44,3985	0,29377	20,7723	0,68216	6,82827	0,90776	1,714	0,83357	4
8.04.2019	509,622	0,001	366,849	0,001	235,978	0,001	141,868	0,001	74,9285	0,07086	43,6224	0,32904	20,8082	0,68005	6,75903	0,91184	1,67915	0,8402	4
9.04.2019	510,482	0,001	368,022	0,001	236,269	0,001	141,996	0,001	74,4326	0,07688	43,0301	0,35596	20,8294	0,67881	6,7831	0,91045	1,67873	0,84028	4
10.04.2019	508,687	0,001	367,674	0,001	236,211	0,001	141,794	0,001	74,385	0,07748	43,0532	0,35492	20,9165	0,6737	6,7964	0,90966	1,6728	0,84141	4
11.04.2019	507,351	0,001	366,319	0,001	234,499	0,001	139,904	0,001	72,8714	0,09852	41,4801	0,42641	20,9848	0,66969	6,84678	0,90665	1,67197	0,84156	4
12.04.2019	508,105	0,001	367,574	0,001	235,54	0,001	140,769	0,001	72,9695	0,09703	41,6118	0,42042	21,0161	0,66785	6,87405	0,90502	1,67937	0,84016	4
13.04.2019	508,594	0,001	367,694	0,001	235,426	0,001	140,468	0,001	72,5367	0,10403	41,1326	0,4422	20,9153	0,67377	6,85881	0,90593	1,68672	0,83876	4
14.04.2019	509,3	0,001	368,323	0,001	235,856	0,001	140,738	0,001	72,5489	0,10382	41,1701	0,4405	20,9669	0,67074	6,86888	0,90533	1,7048	0,83532	4
15.04.2019	509,881	0,001	368,71	0,001	235,889	0,001	140,661	0,001	72,3761	0,10677	40,9391	0,451	20,7918	0,68102	6,8586	0,90595	1,70815	0,83469	4
16.04.2019	510,755	0,001	369,547	0,001	236,553	0,001	141,17	0,001	72,7719	0,10003	41,2507	0,43684	20,7907	0,68108	6,85791	0,90599	1,72354	0,83176	4
17.04.2019	511,411	0,001	369,954	0,001	236,738	0,001	141,199	0,001	72,6821	0,10156	41,0882	0,44422	20,7352	0,68434	6,84666	0,90666	1,72047	0,83234	4
18.04.2019	511,823	0,001	369,967	0,001	236,992	0,001	141,311	0,001	73,4345	0,09015	41,7709	0,41319	20,5621	0,6945	7,06521	0,89274	1,82427	0,8123	4
19.04.2019	511,935	0,001	369,609	0,001	237,255	0,001	141,603	0,001	74,7209	0,07333	43,1986	0,3483	20,1747	0,71724	7,34389	0,8742	2,01117	0,78141	4
20.04.2019	512,845	0,001	369,974	0,001	238,036	0,001	142,139	0,001	74,769	0,07276	43,3738	0,34034	20,0862	0,72244	7,3929	0,87062	2,06652	0,7731	4
21.04.2019	514,759	0,001	371,476	0,001	238,855	0,001	142,567	0,001	74,8936	0,07127	43,2527	0,34584	20,0215	0,72624	7,28867	0,87794	2,01747	0,78046	4
22.04.2019	516,51	0,001	372,809	0,001	240,113	0,001	143,518	0,001	75,7947	0,06129	43,801	0,32093	20,0317	0,72564	7,20211	0,88367	2,00616	0,78216	4
23.04.2019	516,354	0,001	372,717	0,001	239,785	0,001	142,991	0,001	75,1181	0,06868	42,9625	0,35904	20,1088	0,72111	7,07363	0,89218	1,90363	0,79756	4
24.04.2019	515,842	0,001	372,108	0,001	238,811	0,001	141,763	0,001	73,5596	0,08842	41,8411	0,41001	19,9567	0,73004	7,2197	0,88251	1,94909	0,79073	4
25.04.2019	513,821	0,001	370,252	0,001	237,265	0,001	140,044	0,001	71,9972	0,11322	40,3047	0,47983	19,8314	0,7374	7,09576	0,89072	1,89489	0,79888	4
26.04.2019	514,219	0,001	370,379	0,001	237,004	0,001	139,59	0,001	71,3069	0,12496	39,7313	0,50589	19,77	0,741	7,15325	0,88691	1,94288	0,79167	4
27.04.2019	513,184	0,001	369,497	0,001	235,933	0,001	138,349	0,001	70,0406	0,15022	38,695	0,55299	19,8093	0,7387	7,0953	0,89075	1,89778	0,79844	4
28.04.2019	513,714	0,001	369,557	0,001	236,143	0,001	138,391	0,001	69,9702	0,15181	38,606	0,55704	19,506	0,75651	7,16297	0,88626	1,92638	0,79415	4
29.04.2019	512,884	0,001	368,826	0,001	235,354	0,001	137,421	0,001	68,9812	0,17405	37,4702	0,60866	19,6402	0,74863	7,07689	0,89197	1,85403	0,8065	4
30.04.2019	513,858	0,001	369,368	0,001	235,67	0,001	137,57	0,001	68,9447	0,17487	37,2837	0,61714	19,6358	0,74889	7,01741	0,89591	1,87592	0,80224	4
1.05.2019	514,168	0,001	369,599	0,001	235,828	0,001	137,568	0,001	68,8356	0,17758	37,1382	0,62375	19,5667	0,75294	7,03009	0,89507	1,86441	0,80448	4

2.05.2019	515,32	0,001	370,463	0,001	236,342	0,001	137,909	0,001	69,2763	0,16741	37,4868	0,60791	19,018	0,78515	7,19004	0,88447	1,97511	0,78683	4
3.05.2019	515,822	0,001	370,855	0,001	236,663	0,001	138,13	0,001	69,3544	0,16566	37,6743	0,59939	19,1306	0,77854	7,16417	0,88618	1,99185	0,78431	4
4.05.2019	515,918	0,001	370,593	0,001	236,196	0,001	137,817	0,001	68,6548	0,1821	36,9256	0,63341	19,0006	0,78617	7,06245	0,89292	1,92797	0,79391	4
5.05.2019	516,932	0,001	371,462	0,001	236,839	0,001	138,326	0,001	69,0284	0,17299	37,2299	0,61959	18,9739	0,78774	7,11473	0,88946	1,94654	0,79112	4
6.05.2019	517,107	0,001	371,475	0,001	236,623	0,001	137,925	0,001	68,3633	0,18938	36,4109	0,65681	18,6986	0,80357	6,95259	0,90019	1,88829	0,79987	4
7.05.2019	515,709	0,001	369,93	0,001	235,07	0,001	136,396	0,001	67,1882	0,22783	35,0956	0,71659	18,6731	0,80495	6,75939	0,91182	1,80898	0,81528	4
8.05.2019	515,785	0,001	369,956	0,001	234,871	0,001	136,095	0,001	66,7122	0,2455	34,4521	0,74584	18,2646	0,82679	6,68903	0,91587	1,79732	0,81755	4
9.05.2019	513,929	0,001	368,26	0,001	233,101	0,001	134,699	0,001	65,9763	0,27283	33,4874	0,78968	18,2782	0,8261	6,6144	0,92005	1,77242	0,82241	4
10.05.2019	514,783	0,001	368,704	0,001	233,176	0,001	135,165	0,001	65,8207	0,2786	32,9417	0,81272	17,2029	0,87746	6,40849	0,93095	1,7707	0,82274	4
11.05.2019	514,546	0,001	368,553	0,001	233,017	0,001	135,383	0,001	65,7833	0,27999	33,4099	0,7932	17,5411	0,86213	6,61282	0,92014	1,77799	0,82132	4
12.05.2019	514,476	0,001	368,375	0,001	232,635	0,001	135,121	0,001	65,4042	0,29406	32,6076	0,82597	16,4988	0,906	6,31866	0,93542	1,77751	0,82141	4
13.05.2019	511,284	0,001	365,142	0,001	230,423	0,001	135,677	0,001	65,9628	0,27333	33,4544	0,79118	16,5248	0,90504	6,67058	0,9169	1,83702	0,80982	4
14.05.2019	512,496	0,001	366,303	0,001	231,279	0,001	135,619	0,001	65,7119	0,28264	33,1022	0,80631	16,2627	0,91453	6,32161	0,93528	1,84333	0,80859	4
15.05.2019	505,427	0,001	358,878	0,001	231,886	0,001	134,81	0,001	66,3515	0,25889	33,909	0,77052	16,6928	0,89853	6,69018	0,9158	1,98026	0,78605	4
16.05.2019	506,045	0,001	359,387	0,001	232,184	0,001	134,293	0,001	65,4741	0,29147	33,7842	0,77619	16,5983	0,90225	6,68301	0,91621	1,92729	0,79401	4
17.05.2019	503,757	0,001	356,39	0,001	233,563	0,001	135,419	0,001	66,1759	0,26541	34,1371	0,76015	16,9787	0,88672	6,71609	0,91433	1,96609	0,78818	4
18.05.2019	504,434	0,001	356,793	0,001	236,162	0,001	137,884	0,001	69,6506	0,159	35,7205	0,68819	16,9901	0,88625	7,08425	0,89148	2,21578	0,75068	4
19.05.2019	503,717	0,001	355,894	0,001	236,712	0,001	138,263	0,001	70,0225	0,15063	36,3534	0,65942	17,5549	0,86149	7,25564	0,88012	2,23871	0,74723	4
20.05.2019	502,874	0,001	354,356	0,001	235,616	0,001	137,703	0,001	69,3247	0,16632	35,8828	0,68081	16,7553	0,89595	7,04715	0,89394	2,26888	0,7427	4
21.05.2019	502,95	0,001	354,242	0,001	236,39	0,001	138,338	0,001	71,4319	0,12284	38,1169	0,57927	17,5199	0,86311	7,78613	0,84122	2,50439	0,70733	4
22.05.2019	504,779	0,001	355,873	0,001	237,802	0,001	139,436	0,001	71,8908	0,11503	38,0535	0,58215	17,3929	0,86897	7,60745	0,85493	2,57038	0,69742	4
23.05.2019	504,098	0,001	354,89	0,001	237,497	0,001	139,724	0,001	71,9115	0,11467	37,8504	0,59138	17,3038	0,87309	7,4723	0,86481	2,53395	0,70289	4
24.05.2019	508,844	0,001	359,383	0,001	240,812	0,001	142,272	0,001	75,5225	0,06417	40,5061	0,47068	18,5717	0,8104	7,95999	0,8275	2,82468	0,65922	4
25.05.2019	510,866	0,001	361,264	0,001	243,227	0,001	144,676	0,001	78,5745	0,03762	41,2434	0,43717	18,4177	0,81868	8,13747	0,81282	2,96322	0,63842	4
26.05.2019	508,874	0,001	359,023	0,001	240,681	0,001	142,841	0,001	76,2358	0,05686	40,287	0,48064	18,5085	0,8138	7,66946	0,85039	2,92306	0,64445	4
27.05.2019	509,233	0,001	359,153	0,001	240,585	0,001	142,827	0,001	76,2584	0,05664	40,6439	0,46442	18,797	0,79813	7,05506	0,89341	2,80615	0,66201	4
28.05.2019	509,36	0,001	359,074	0,001	240,355	0,001	142,669	0,001	76,1244	0,05796	40,2119	0,48405	18,9035	0,79188	6,98335	0,89816	2,63014	0,68844	4
29.05.2019	509,814	0,001	359,386	0,001	240,485	0,001	142,152	0,001	75,4456	0,06499	41,0397	0,44643	19,1157	0,77942	7,28325	0,8783	2,74561	0,6711	4
30.05.2019	507,813	0,001	357,019	0,001	237,829	0,001	139,543	0,001	73,0178	0,0963	38,3985	0,56647	18,3823	0,82058	7,0217	0,89562	2,63773	0,6873	4
31.05.2019	506,832	0,001	356,358	0,001	237,172	0,001	139,738	0,001	72,7574	0,10028	38,3969	0,56654	18,846	0,79525	6,79223	0,90991	2,56513	0,69821	4
1.06.2019	508,32	0,001	357,199	0,001	238,099	0,001	139,505	0,001	72,642	0,10224	38,5191	0,56099	18,6117	0,80825	6,93926	0,90101	2,84469	0,65622	4
2.06.2019	506,212	0,001	355,086	0,001	236,26	0,001	137,61	0,001	70,6953	0,13715	37,6836	0,59896	18,412	0,81898	6,98132	0,8983	2,782	0,66564	4
3.06.2019	503,686	0,001	352,231	0,001	232,891	0,001	133,782	0,001	67,3063	0,22345	35,3102	0,70684	17,9062	0,84483	6,94287	0,90078	2,58333	0,69547	4
4.06.2019	502,605	0,001	351,163	0,001	231,759	0,001	132,736	0,001	66,6237	0,24879	33,8147	0,77481	17,3026	0,87315	6,50974	0,92569	2,34536	0,73122	4
5.06.2019	504,928	0,001	353,437	0,001	234,12	0,001	134,804	0,001	67,8687	0,20257	35,0357	0,71931	17,968	0,84172	7,10479	0,89012	2,55699	0,69943	4
6.06.2019	506,242	0,001	354,494	0,001	234,831	0,001	135,268	0,001	68,2123	0,19315	35,0723	0,71765	18,396	0,81984	7,30131	0,8771	2,689	0,6796	4
7.06.2019	506,236	0,001	354,251	0,001	234,392	0,001	134,939	0,001	68,0336	0,19761	35,1082	0,71602	18,4487	0,81701	7,33366	0,87495	2,66906	0,6826	4
8.06.2019	507,421	0,001	355,199	0,001	235,2	0,001	135,375	0,001	68,2777	0,19152	35,6836	0,68986	18,9913	0,78672	7,71538	0,8468	2,7664	0,66798	4
9.06.2019	507,724	0,001	355,175	0,001	234,995	0,001	135,269	0,001	68,132	0,19515	35,1969	0,71198	18,6348	0,80701	7,4187	0,86873	2,62821	0,68873	4
10.06.2019	510,113	0,001	357,341	0,001	237,197	0,001	137,08	0,001	69,5395	0,1615	36,5363	0,65111	19,6003	0,75097	7,90624	0,83174	2,80822	0,6617	4

11.06.2019	510,923	0,001	357,929	0,001	237,994	0,001	137,791	0,001	70,1725	0,14757	36,9209	0,63363	19,9108	0,73274	8,00339	0,82402	2,88292	0,65048	4
12.06.2019	513,625	0,001	360,365	0,001	239,96	0,001	139,611	0,001	71,5994	0,11999	38,3918	0,56677	20,0199	0,72633	8,60459	0,77382	3,04151	0,62666	4
13.06.2019	514,924	0,001	361,427	0,001	240,845	0,001	140,273	0,001	72,2552	0,10882	38,9237	0,5426	19,8231	0,73789	8,64319	0,7706	3,07179	0,62211	4
14.06.2019	513,334	0,001	359,563	0,001	238,774	0,001	137,702	0,001	70,3324	0,14438	36,9489	0,63235	19,1424	0,77785	8,08467	0,81723	2,90595	0,64702	4
15.06.2019	514,056	0,001	360,015	0,001	239,011	0,001	137,833	0,001	69,9641	0,15194	36,6938	0,64395	19,1768	0,77583	7,82464	0,83818	2,87506	0,65166	4
16.06.2019	513,939	0,001	359,68	0,001	238,503	0,001	137,378	0,001	69,5501	0,16126	36,3889	0,65781	18,9147	0,79122	7,59259	0,85601	2,7919	0,66415	4
17.06.2019	516,666	0,001	362,174	0,001	240,472	0,001	138,985	0,001	70,1861	0,1473	37,1473	0,62334	18,7772	0,79929	8,04207	0,82079	2,95419	0,63977	4
18.06.2019	518,18	0,001	363,444	0,001	241,471	0,001	139,475	0,001	70,5371	0,1403	37,3729	0,61309	18,7453	0,80106	8,18373	0,80895	3,08216	0,62055	4
19.06.2019	518,544	0,001	363,522	0,001	241,628	0,001	140,052	0,001	70,9155	0,13276	37,6215	0,60179	18,5904	0,80939	8,33636	0,7962	3,14027	0,61182	4
20.06.2019	520,144	0,001	364,897	0,001	242,893	0,001	141,45	0,001	72,0287	0,11268	38,5729	0,55855	18,6669	0,80528	8,58135	0,77576	3,24335	0,59634	4
21.06.2019	519,563	0,001	363,969	0,001	243,167	0,001	142,565	0,001	73,1491	0,09433	39,5158	0,51569	18,4683	0,81596	8,75465	0,7613	3,30737	0,58673	4
22.06.2019	517,739	0,001	361,672	0,001	240,435	0,001	141,248	0,001	71,9017	0,11484	38,3142	0,5703	17,9853	0,84085	8,15786	0,81111	3,31609	0,58542	4
23.06.2019	515,827	0,001	359,552	0,001	238,434	0,001	140,082	0,001	70,8668	0,13373	37,1332	0,62398	17,049	0,88382	7,68372	0,8493	3,3206	0,58474	4
24.06.2019	516,439	0,001	359,931	0,001	238,386	0,001	141,016	0,001	71,6609	0,11894	37,3924	0,6122	16,7589	0,8958	7,48388	0,86396	3,35574	0,57946	4
25.06.2019	513,26	0,001	356,478	0,001	234,33	0,001	139,183	0,001	70,4869	0,1413	35,406	0,70248	15,5322	0,93769	6,61261	0,92015	3,22128	0,59966	4
26.06.2019	504,66	0,001	347,608	0,001	225,789	0,001	132,098	0,001	64,3221	0,33424	33,1537	0,80426	14,4549	0,96362	6,53499	0,92435	3,0393	0,62699	4
27.06.2019	508,46	0,001	351,22	0,001	229,759	0,001	135,02	0,001	66,9192	0,23782	33,1626	0,8039	13,8607	0,97408	5,82126	0,95701	2,41501	0,72076	4
28.06.2019	503,236	0,001	345,728	0,001	224,26	0,001	133,185	0,001	65,4236	0,29334	32,6716	0,82349	13,6864	0,97664	5,85684	0,95566	2,42827	0,71876	4
29.06.2019	624,749	0,001	377,513	0,001	222,362	0,001	132,399	0,001	70,8302	0,13446	30,5942	0,89363	14,0693	0,97071	6,22576	0,93988	2,4749	0,71176	3
30.06.2019	623,05	0,001	375,095	0,001	219,726	0,001	132,196	0,001	69,4033	0,16456	29,5663	0,92102	13,503	0,9792	5,74765	0,95981	1,97124	0,78741	3
1.07.2019	623,06	0,001	374,592	0,001	219,199	0,001	132,224	0,001	70,3458	0,14412	29,8219	0,91477	13,8684	0,97396	5,91578	0,95332	2,13197	0,76327	3
2.07.2019	625,624	0,001	376,762	0,001	221,052	0,001	134,916	0,001	71,8642	0,11548	30,0838	0,90801	13,8287	0,9746	5,73385	0,96031	1,96871	0,78779	3
3.07.2019	623,071	0,001	373,263	0,001	217,361	0,001	132,897	0,001	69,8408	0,15472	29,5235	0,92204	13,4073	0,98044	5,7329	0,96034	1,95597	0,7897	3
4.07.2019	624,179	0,001	374,238	0,001	218,042	0,001	132,247	0,001	70,1485	0,14805	29,7184	0,91733	13,5151	0,97903	5,7925	0,95811	2,01839	0,78033	3
5.07.2019	624,478	0,001	373,601	0,001	217,122	0,001	132,622	0,001	70,4663	0,14171	29,8022	0,91526	13,4477	0,97997	5,74524	0,9599	1,96518	0,78832	3
6.07.2019	624,855	0,001	373,423	0,001	216,751	0,001	133,398	0,001	70,6126	0,1388	29,8856	0,91314	13,5095	0,97911	5,74376	0,95996	1,96134	0,78889	3
7.07.2019	625,453	0,001	373,751	0,001	216,918	0,001	134,121	0,001	71,6816	0,11859	30,1802	0,90547	13,6048	0,97778	5,72217	0,96072	1,93245	0,79323	3
8.07.2019	624,887	0,001	373,231	0,001	216	0,001	134,792	0,001	71,7562	0,11732	30,1753	0,9056	13,5058	0,97916	5,71712	0,96089	1,91546	0,79579	3
9.07.2019	623,006	0,001	371,518	0,001	214,043	0,001	133,677	0,001	70,5706	0,13964	29,9395	0,91177	13,3119	0,98155	5,64881	0,96327	1,85202	0,80689	3
10.07.2019	621,975	0,001	370,104	0,001	212,528	0,001	132,498	0,001	69,5014	0,16235	29,6928	0,91795	13,1363	0,98357	5,64606	0,96337	1,84913	0,80746	3
11.07.2019	624,537	0,001	372,418	0,001	214,608	0,001	135,348	0,001	71,2763	0,12557	29,8231	0,91474	13,3095	0,98157	5,69497	0,96166	1,89029	0,79957	3
12.07.2019	622,586	0,001	369,544	0,001	211,866	0,001	132,463	0,001	70,1505	0,14801	29,778	0,91586	13,0594	0,98446	5,67293	0,96243	1,8586	0,80561	3
13.07.2019	621,024	0,001	367,017	0,001	209,797	0,001	129,173	0,001	67,5331	0,21503	29,4277	0,9243	12,9591	0,98548	5,71531	0,96096	1,86659	0,80405	3
14.07.2019	621,174	0,001	367,515	0,001	210,301	0,001	131,843	0,001	68,8286	0,17776	29,634	0,9194	13,1477	0,98344	5,73462	0,96028	1,87425	0,80256	3
15.07.2019	621,716	0,001	367,813	0,001	209,238	0,001	130,317	0,001	66,4566	0,25499	29,3029	0,92715	13,1001	0,98399	5,93738	0,95244	1,88216	0,80102	3
16.07.2019	623,71	0,001	369,708	0,001	211,4	0,001	132,175	0,001	67,7714	0,20618	29,3753	0,92552	13,4355	0,98012	6,05524	0,94752	1,99867	0,78329	3
17.07.2019	626,102	0,001	370,715	0,001	212,083	0,001	133,142	0,001	69,0656	0,17215	29,5512	0,92138	13,3206	0,98145	5,8633	0,95541	1,9004	0,79805	3
18.07.2019	626,88	0,001	370,612	0,001	211,776	0,001	132,255	0,001	67,9333	0,20017	29,4762	0,92316	13,2003	0,98283	5,81592	0,95722	1,86972	0,80344	3
19.07.2019	626,206	0,001	369,97	0,001	211,204	0,001	131,878	0,001	67,7035	0,2087	29,5637	0,92109	13,1808	0,98306	5,80413	0,95766	1,87458	0,8025	3
20.07.2019	624,855	0,001	368,631	0,001	209,424	0,001	129,91	0,001	67,157	0,22899	29,4745	0,9232	13,104	0,98395	5,82556	0,95685	1,87494	0,80243	3

21.07.2019	625,185	0,001	368,565	0,001	209,329	0,001	129,504	0,001	66,5795	0,25043	29,5711	0,92091	13,1869	0,98299	5,84826	0,95599	1,87913	0,80161	3
22.07.2019	624,684	0,001	367,68	0,001	208,674	0,001	128,904	0,001	66,2036	0,26439	29,5278	0,92194	13,1232	0,98373	5,87845	0,95483	1,88649	0,80018	3
23.07.2019	625,953	0,001	368,545	0,001	209,199	0,001	129,389	0,001	66,4224	0,25627	29,6259	0,9196	13,2571	0,98218	5,89309	0,95423	1,87738	0,80195	3
24.07.2019	627,023	0,001	369,27	0,001	209,62	0,001	129,861	0,001	66,8897	0,23891	29,757	0,91638	13,4848	0,97946	5,90974	0,95356	1,87753	0,80192	3
25.07.2019	627,818	0,001	369,628	0,001	209,721	0,001	129,902	0,001	66,8432	0,24064	29,6951	0,9179	13,466	0,97972	5,91588	0,95331	1,87723	0,80198	3
26.07.2019	628,245	0,001	369,624	0,001	209,572	0,001	129,527	0,001	66,4701	0,25449	29,5784	0,92074	13,458	0,97983	5,93133	0,95269	1,88093	0,80126	3
27.07.2019	629,309	0,001	370,326	0,001	210,108	0,001	129,94	0,001	66,6384	0,24825	29,5928	0,9204	13,4587	0,97982	5,94739	0,95203	1,88667	0,80014	3
28.07.2019	630,174	0,001	370,81	0,001	210,317	0,001	130,08	0,001	66,7072	0,24569	29,5736	0,92085	13,4564	0,97985	5,95462	0,95174	1,88959	0,79967	3
29.07.2019	631,375	0,001	371,62	0,001	210,892	0,001	130,566	0,001	66,8978	0,23861	29,605	0,92011	13,5153	0,97903	5,97055	0,9511	1,90007	0,7981	3
30.07.2019	632,321	0,001	372,27	0,001	211,313	0,001	131,101	0,001	67,3254	0,22274	29,712	0,91748	13,5508	0,97853	5,97523	0,95091	1,91544	0,79579	3
31.07.2019	633,248	0,001	372,852	0,001	211,77	0,001	131,461	0,001	67,6249	0,21162	29,7747	0,91594	13,5705	0,97826	5,95352	0,95179	1,90196	0,79781	3
1.08.2019	633,559	0,001	372,814	0,001	211,554	0,001	131,125	0,001	67,5489	0,21444	29,7776	0,91587	13,4694	0,97967	5,93527	0,95253	1,89513	0,79884	3
2.08.2019	633,897	0,001	372,927	0,001	211,613	0,001	131,544	0,001	67,6401	0,21106	29,7879	0,91561	13,4532	0,9799	5,9543	0,95175	1,91585	0,79573	3
3.08.2019	633,89	0,001	372,805	0,001	211,398	0,001	131,546	0,001	67,7689	0,20627	29,8428	0,91424	13,494	0,97933	5,97984	0,95072	1,93429	0,79296	3
4.08.2019	634,227	0,001	373,101	0,001	211,553	0,001	132,329	0,001	68,3755	0,18907	29,9543	0,91139	13,6053	0,97777	5,99745	0,95001	1,96639	0,78814	3
5.08.2019	634,14	0,001	372,406	0,001	210,96	0,001	131,965	0,001	68,0026	0,19838	29,8893	0,91305	13,5198	0,97897	6,03191	0,94852	1,98612	0,78517	3
6.08.2019	634,921	0,001	372,989	0,001	211,179	0,001	132,258	0,001	68,7242	0,18036	29,9955	0,91033	13,6005	0,97784	6,05213	0,94765	2,01821	0,78035	3
7.08.2019	633,274	0,001	370,795	0,001	208,977	0,001	130,287	0,001	68,0432	0,19737	29,6877	0,91808	13,366	0,98092	6,00801	0,94955	1,96758	0,78796	3
8.08.2019	632,19	0,001	369,331	0,001	207,207	0,001	127,671	0,001	67,0941	0,23133	29,4907	0,92281	13,2581	0,98217	5,953	0,95181	1,91426	0,79597	3
9.08.2019	631,867	0,001	368,675	0,001	206,421	0,001	127,263	0,001	66,1097	0,26787	29,4755	0,92317	13,1736	0,98314	6,00752	0,94957	1,94825	0,79086	3
10.08.2019	633,13	0,001	368,775	0,001	206,37	0,001	127,1	0,001	66,7726	0,24326	29,7944	0,91545	13,4565	0,97985	6,0011	0,94985	1,94163	0,79186	3
11.08.2019	634,171	0,001	369,427	0,001	206,738	0,001	127,274	0,001	66,6752	0,24688	29,8417	0,91426	13,47	0,97966	6,00266	0,94978	1,9291	0,79374	3
12.08.2019	633,237	0,001	368,166	0,001	205,28	0,001	125,579	0,001	65,2146	0,30111	29,7456	0,91666	13,3761	0,9808	6,00851	0,94953	1,92754	0,79397	3
13.08.2019	632,944	0,001	367,612	0,001	204,593	0,001	124,697	0,00112	64,1491	0,34066	29,681	0,91825	13,3895	0,98065	6,04544	0,94794	1,93545	0,79278	3
14.08.2019	635,446	0,001	369,595	0,001	206,438	0,001	126,593	0,001	65,1054	0,30516	29,9174	0,91233	13,6312	0,97741	6,13202	0,94416	2,00692	0,78205	3
15.08.2019	635,93	0,001	369,824	0,001	206,335	0,001	126,371	0,001	65,1953	0,30182	29,8456	0,91416	13,517	0,97901	6,09115	0,94597	1,96249	0,78872	3
16.08.2019	636,893	0,001	370,306	0,001	206,599	0,001	126,498	0,001	65,0551	0,30703	29,8319	0,91451	13,5092	0,97912	6,11875	0,94477	1,9769	0,78656	3
17.08.2019	637,652	0,001	370,571	0,001	206,591	0,001	126,422	0,001	65,216	0,30105	29,8812	0,91326	13,5209	0,97895	6,15054	0,94332	2,00965	0,78164	3
18.08.2019	638,505	0,001	371,101	0,001	206,869	0,001	126,632	0,001	65,7852	0,27992	29,9666	0,91107	13,602	0,97782	6,13121	0,9442	1,99769	0,78343	3
19.08.2019	638,714	0,001	370,846	0,001	206,363	0,001	126,007	0,001	65,2817	0,29862	29,864	0,91369	13,4844	0,97946	6,12808	0,94434	1,9908	0,78447	3
20.08.2019	639,082	0,001	370,832	0,001	206,122	0,001	125,648	0,001	64,5425	0,32606	29,9101	0,91252	13,4915	0,97936	6,16566	0,94263	2,01155	0,78135	3
21.08.2019	640,235	0,001	371,586	0,001	206,731	0,001	126,148	0,001	65,0575	0,30694	30,0724	0,90832	13,6392	0,9773	6,21506	0,94037	2,04911	0,77571	3
22.08.2019	641,274	0,001	372,221	0,001	207,019	0,001	126,339	0,001	65,453	0,29226	30,158	0,90605	13,6981	0,97648	6,21222	0,9405	2,04525	0,77629	3
23.08.2019	641,858	0,001	372,418	0,001	206,987	0,001	126,192	0,001	64,9365	0,31143	30,1242	0,90695	13,6798	0,97673	6,22079	0,94011	2,04387	0,7765	3
24.08.2019	642,742	0,001	372,866	0,001	207,193	0,001	126,288	0,001	65,0165	0,30846	30,213	0,90459	13,764	0,97556	6,27845	0,93735	2,09383	0,769	3
25.08.2019	643,982	0,001	373,754	0,001	207,856	0,001	126,848	0,001	65,3784	0,29502	30,3051	0,90207	13,8239	0,97468	6,29599	0,93651	2,10336	0,76756	3
26.08.2019	644,861	0,001	374,225	0,001	208,07	0,001	126,935	0,001	65,2872	0,29841	30,2921	0,90242	13,7962	0,97511	6,31301	0,93569	2,10578	0,7672	3
27.08.2019	645,42	0,001	374,316	0,001	207,905	0,001	126,634	0,001	64,9464	0,31106	30,2859	0,90259	13,8085	0,97493	6,35001	0,93387	2,12597	0,76417	3
28.08.2019	646,904	0,001	375,411	0,001	208,766	0,001	127,476	0,001	65,2071	0,30138	30,4206	0,89881	13,9825	0,97211	6,48801	0,92683	2,23285	0,74812	3
29.08.2019	648,572	0,001	376,697	0,001	209,785	0,001	128,502	0,001	65,916	0,27506	30,5892	0,89378	14,1994	0,96843	6,62448	0,91949	2,35178	0,73025	3

30.08.2019	649,481	0,001	377,048	0,001	209,914	0,001	128,484	0,001	65,9903	0,27231	30,5844	0,89392	14,1697	0,96897	6,60517	0,92055	2,3262	0,73409	3
31.08.2019	651,243	0,001	377,85	0,001	210,557	0,001	129,178	0,001	66,462	0,25479	30,7259	0,8897	14,3251	0,96613	6,71334	0,91449	2,42611	0,71909	3
1.09.2019	651,943	0,001	378,242	0,001	210,747	0,001	129,43	0,001	66,9835	0,23543	30,7934	0,88769	14,3412	0,96583	6,70714	0,91485	2,42627	0,71906	3
2.09.2019	651,581	0,001	377,452	0,001	210,139	0,001	128,758	0,001	66,6773	0,2468	30,5986	0,8935	14,2162	0,96812	6,67528	0,91664	2,39688	0,72348	3
3.09.2019	651,863	0,001	377,568	0,001	210,304	0,001	128,943	0,001	66,6355	0,24835	30,6616	0,89162	14,2507	0,96749	6,71221	0,91455	2,42852	0,71873	3
4.09.2019	651,837	0,001	377,572	0,001	210,322	0,001	129,099	0,001	66,7611	0,24369	30,7634	0,88858	14,3476	0,96572	6,7916	0,90995	2,49604	0,70859	3
5.09.2019	650,989	0,001	376,342	0,001	208,986	0,001	127,432	0,001	66,0448	0,27028	30,6059	0,89328	14,2046	0,96833	6,73644	0,91315	2,43038	0,71845	3
6.09.2019	506,66	0,001	335,822	0,001	212,215	0,001	132,928	0,001	59,0974	0,52821	30,5319	0,89549	14,2855	0,96685	6,32274	0,93522	2,44963	0,71556	4
7.09.2019	506,246	0,001	335,198	0,001	211,44	0,001	132,968	0,001	58,9235	0,53467	30,5471	0,89504	14,3166	0,96628	6,32539	0,9351	2,44969	0,71555	4
8.09.2019	506,729	0,001	335,554	0,001	211,641	0,001	133,122	0,001	58,9042	0,53538	30,5763	0,89416	14,391	0,96492	6,32698	0,93502	2,44775	0,71584	4
9.09.2019	506,292	0,001	335,073	0,001	211,106	0,001	132,862	0,001	58,5516	0,54847	30,5906	0,89374	14,4461	0,9638	6,35252	0,93374	2,46413	0,71338	4
10.09.2019	507,337	0,001	335,901	0,001	211,774	0,001	133,281	0,001	58,8417	0,5377	30,5955	0,89359	14,4722	0,96327	6,35263	0,93374	2,46259	0,71361	4
11.09.2019	508,232	0,001	336,717	0,001	212,264	0,001	133,714	0,001	59,4808	0,51398	30,6814	0,89103	14,5685	0,96133	6,41439	0,93065	2,51714	0,70542	4
12.09.2019	507,962	0,001	336,494	0,001	211,876	0,001	133,569	0,001	59,3495	0,51885	30,6865	0,89088	14,5629	0,96144	6,43754	0,92947	2,53355	0,70295	4
13.09.2019	507,85	0,001	336,287	0,001	211,489	0,001	133,618	0,001	59,31	0,52032	30,7266	0,88968	14,5814	0,96106	6,4497	0,92883	2,54349	0,70146	4
14.09.2019	507,704	0,001	336,173	0,001	211,129	0,001	133,829	0,001	59,3014	0,52064	30,7371	0,88937	14,6245	0,96019	6,47613	0,92745	2,56465	0,69828	4
15.09.2019	508,363	0,001	336,949	0,001	211,733	0,001	133,962	0,001	59,4135	0,51648	30,7055	0,89031	14,6867	0,95884	6,51104	0,92563	2,59521	0,69369	4
16.09.2019	508,757	0,001	337,469	0,001	212,165	0,001	134,312	0,001	59,5875	0,51001	30,7007	0,89045	14,7084	0,95836	6,51976	0,92517	2,60178	0,6927	4
17.09.2019	508,549	0,001	336,744	0,001	211,533	0,001	134,43	0,001	59,4228	0,51613	30,6749	0,89122	14,6647	0,95932	6,49298	0,92657	2,57878	0,69616	4
18.09.2019	508,359	0,001	336,022	0,001	211,274	0,001	134,353	0,001	59,2652	0,52198	30,7267	0,88968	14,6013	0,96066	6,41525	0,93061	2,49641	0,70853	4
19.09.2019	509,191	0,001	337,074	0,001	212,042	0,001	134,614	0,001	59,4546	0,51495	30,7287	0,88962	14,6226	0,96023	6,48391	0,92704	2,54631	0,70104	4
20.09.2019	508,444	0,001	336,285	0,001	210,761	0,001	134,097	0,001	59,2335	0,52316	30,6424	0,89219	14,6348	0,95998	6,48959	0,92675	2,54381	0,70141	4
21.09.2019	508,385	0,001	336,192	0,001	210,648	0,001	133,809	0,001	59,4127	0,5165	30,7393	0,8893	14,7007	0,95853	6,51305	0,92552	2,56015	0,69896	4
22.09.2019	508,972	0,001	336,961	0,001	211,302	0,001	134,139	0,001	59,4549	0,51494	30,7121	0,89011	14,7628	0,95716	6,57009	0,92245	2,58609	0,69506	4
23.09.2019	509,388	0,001	337,468	0,001	211,708	0,001	133,968	0,001	58,5308	0,54924	30,3462	0,90094	14,7919	0,95652	6,64551	0,91831	2,63617	0,68754	4
24.09.2019	511,402	0,001	339,374	0,001	213,409	0,001	134,454	0,001	59,3432	0,51909	30,1814	0,90544	14,936	0,95321	6,74326	0,91275	2,71128	0,67626	4
25.09.2019	511,855	0,001	339,835	0,001	213,898	0,001	135,019	0,001	59,233	0,52318	30,0329	0,90936	14,9243	0,95349	6,74215	0,91282	2,69673	0,67844	4
26.09.2019	512,435	0,001	340,551	0,001	214,582	0,001	135,374	0,001	59,4882	0,5137	29,962	0,91119	14,969	0,95243	6,76182	0,91168	2,70976	0,67649	4
27.09.2019	511,99	0,001	340,184	0,001	214,364	0,001	135,275	0,001	59,4248	0,51605	29,9287	0,91204	14,9179	0,95364	6,7805	0,9106	2,72503	0,67419	4
28.09.2019	512,465	0,001	340,715	0,001	214,64	0,001	135,357	0,001	59,2631	0,52206	29,8569	0,91388	14,9108	0,95381	6,79793	0,90957	2,7364	0,67248	4
29.09.2019	512,954	0,001	340,952	0,001	214,696	0,001	135,493	0,001	59,6201	0,50881	29,9386	0,91179	14,9595	0,95265	6,81389	0,90862	2,74652	0,67096	4
30.09.2019	513,031	0,001	340,86	0,001	214,442	0,001	135,56	0,001	59,6347	0,50826	29,9725	0,91092	14,9575	0,9527	6,82285	0,90808	2,749	0,67059	4
1.10.2019	513,369	0,001	341,02	0,001	214,405	0,001	135,584	0,001	59,6611	0,50728	30,0157	0,90981	14,993	0,95185	6,83194	0,90754	2,75163	0,6702	4
2.10.2019	513,551	0,001	340,968	0,001	214,187	0,001	135,439	0,001	59,5627	0,51093	29,9896	0,91049	14,9992	0,95171	6,84314	0,90687	2,75734	0,66934	4
3.10.2019	514,347	0,001	341,536	0,001	214,588	0,001	135,597	0,001	59,5851	0,5101	29,9867	0,91056	15,0348	0,95086	6,85114	0,90639	2,75997	0,66894	4
4.10.2019	514,58	0,001	341,536	0,001	214,435	0,001	135,69	0,001	59,5855	0,51009	29,9951	0,91034	15,0635	0,95017	6,86027	0,90585	2,76334	0,66844	4
5.10.2019	515,073	0,001	341,847	0,001	214,584	0,001	135,6	0,001	59,3113	0,52027	29,8516	0,91401	15,0579	0,95031	6,86654	0,90547	2,76573	0,66808	4
6.10.2019	515,704	0,001	342,175	0,001	214,748	0,001	135,888	0,001	59,8098	0,50176	30,0581	0,90869	15,1241	0,94864	6,87931	0,9047	2,77111	0,66727	4
7.10.2019	515,307	0,001	341,596	0,001	213,982	0,001	135,397	0,001	59,5723	0,51058	29,994	0,91037	15,113	0,94892	6,88417	0,9044	2,77073	0,66733	4
8.10.2019	515,772	0,001	341,802	0,001	214,012	0,001	135,352	0,001	59,9176	0,49776	30,1949	0,90508	15,1709	0,94745	6,89519	0,90372	2,77563	0,66659	4

9.10.2019	514,429	0,001	340,271	0,001	212,322	0,001	134,124	0,001	59,5352	0,51196	30,261	0,90327	15,0811	0,94974	6,89418	0,90378	2,7697	0,66748	4
10.10.2019	515,392	0,001	341,022	0,001	212,898	0,001	134,385	0,001	59,2828	0,52133	30,1816	0,90543	15,0901	0,94951	6,90659	0,90302	2,77615	0,66651	4
11.10.2019	515,929	0,001	341,182	0,001	212,86	0,001	134,196	0,001	59,6273	0,50854	30,2241	0,90428	15,1792	0,94724	6,92055	0,90216	2,78408	0,66532	4
12.10.2019	515,991	0,001	341,031	0,001	212,541	0,001	133,981	0,001	59,5533	0,51128	30,26	0,9033	15,1665	0,94756	6,92095	0,90213	2,77892	0,6661	4
13.10.2019	515,388	0,001	340,192	0,001	211,593	0,001	133,219	0,001	59,2986	0,52074	30,3585	0,90061	15,1489	0,94801	6,90428	0,90316	2,75947	0,66902	4
14.10.2019	515,643	0,001	340,186	0,001	211,424	0,001	132,934	0,001	59,0324	0,53062	30,2541	0,90346	15,1345	0,94838	6,91873	0,90227	2,76615	0,66802	4
15.10.2019	516,186	0,001	340,499	0,001	211,564	0,001	133,029	0,001	58,9469	0,5338	30,2528	0,9035	15,1151	0,94887	6,92397	0,90195	2,76383	0,66837	4
16.10.2019	516,943	0,001	341,031	0,001	211,818	0,001	133,071	0,001	59,2243	0,5235	30,3216	0,90162	15,1909	0,94694	6,93975	0,90098	2,77282	0,66701	4
17.10.2019	516,708	0,001	340,558	0,001	211,181	0,001	132,563	0,001	59,0741	0,52907	30,2878	0,90254	15,1446	0,94812	6,92156	0,9021	2,7493	0,67055	4
18.10.2019	517,462	0,001	341,071	0,001	211,532	0,001	132,753	0,001	59,1237	0,52723	30,3244	0,90154	15,1938	0,94687	6,93901	0,90102	2,76057	0,66885	4
19.10.2019	517,871	0,001	341,242	0,001	211,549	0,001	132,672	0,001	59,3748	0,51791	30,4738	0,89722	15,2279	0,946	6,94131	0,90088	2,75966	0,66899	4
20.10.2019	518,134	0,001	341,275	0,001	211,647	0,001	132,652	0,001	59,3222	0,51987	30,4795	0,89705	15,2292	0,94596	6,95575	0,89999	2,76821	0,66771	4
21.10.2019	518,767	0,001	341,675	0,001	211,812	0,001	132,746	0,001	59,2684	0,52186	30,4872	0,89682	15,2536	0,94534	6,96921	0,8991	2,7757	0,66658	4
22.10.2019	519,121	0,001	341,825	0,001	211,682	0,001	132,701	0,001	58,8845	0,53611	30,2771	0,90283	15,2196	0,94621	6,97647	0,89862	2,77955	0,666	4
23.10.2019	520,515	0,001	343	0,001	212,654	0,001	133,416	0,001	59,2607	0,52215	30,2989	0,90224	15,34	0,94302	7,00745	0,89657	2,80671	0,66192	4
24.10.2019	521,087	0,001	343,276	0,001	212,769	0,001	133,366	0,001	60,1441	0,48935	30,8225	0,88682	15,4516	0,93999	7,01144	0,8963	2,80049	0,66286	4
25.10.2019	520,396	0,001	342,387	0,001	212,076	0,001	132,571	0,001	60,1686	0,48844	30,9721	0,88235	15,4208	0,94083	7,00435	0,89677	2,79182	0,66416	4
26.10.2019	519,315	0,001	341,083	0,001	211,37	0,001	131,695	0,001	60,1424	0,48941	31,0923	0,87877	15,4164	0,94095	7,02783	0,89522	2,81499	0,66068	4
27.10.2019	518,961	0,001	340,509	0,001	211,096	0,001	131,325	0,001	59,8124	0,50167	31,1102	0,87823	15,443	0,94023	7,04116	0,89433	2,82309	0,65946	4
28.10.2019	519,595	0,001	341,224	0,001	211,037	0,001	131,321	0,001	59,7705	0,50322	31,2412	0,87423	15,4747	0,93933	7,0397	0,89443	2,82052	0,65985	4
29.10.2019	519,938	0,001	341,441	0,001	210,944	0,001	131,189	0,001	59,232	0,52321	31,1693	0,87647	15,4635	0,93965	7,0332	0,89486	2,80954	0,6615	4
30.10.2019	521,006	0,001	342,302	0,001	211,639	0,001	131,761	0,001	59,489	0,51367	31,2574	0,87368	15,4964	0,93871	7,04281	0,89422	2,81342	0,66092	4
31.10.2019	521,32	0,001	342,395	0,001	211,461	0,001	131,436	0,001	59,6735	0,50682	31,2877	0,87266	15,5213	0,938	7,04288	0,89422	2,80493	0,66219	4
1.11.2019	521,754	0,001	342,598	0,001	211,495	0,001	131,366	0,001	59,7624	0,50352	31,3927	0,86912	15,5646	0,93676	7,04508	0,89407	2,79726	0,66334	4
2.11.2019	521,733	0,001	342,526	0,001	211,252	0,001	131,03	0,001	59,5349	0,51197	31,3944	0,86906	15,5625	0,93682	7,04503	0,89408	2,78763	0,66479	4
3.11.2019	522,278	0,001	342,832	0,001	211,474	0,001	131,146	0,001	59,7905	0,50248	31,5265	0,86459	15,5757	0,93644	7,05146	0,89365	2,7913	0,66424	4
4.11.2019	522,635	0,001	342,982	0,001	211,429	0,001	130,999	0,001	59,6285	0,50849	31,5233	0,8647	15,5832	0,93622	7,03908	0,89447	2,76969	0,66748	4
5.11.2019	523,508	0,001	343,604	0,001	211,841	0,001	131,308	0,001	59,8358	0,50079	31,6037	0,86199	15,629	0,93491	7,0389	0,89448	2,76173	0,66868	4

Maximum Eigen Value Test Stat																		
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8	
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value
7.09.2018	131,325	0,001	129,291	0,001	58,2718	0,00292	35,7042	0,1733	18,5525	0,89132	17,9007	0,60413	11,6389	0,69879	5,27786	0,86286	1,58123	0,85848
8.09.2018	131,715	0,001	129,526	0,001	58,3933	0,00283	35,5169	0,18042	18,6441	0,88701	17,9187	0,60281	11,6522	0,69768	5,25671	0,86487	1,5927	0,85638
9.09.2018	132,052	0,001	129,5	0,001	58,5347	0,00272	35,3539	0,18679	18,63	0,88767	17,9705	0,599	11,6929	0,69427	5,32248	0,85861	1,60672	0,85382
10.09.2018	132,362	0,001	129,885	0,001	58,6944	0,0026	35,2751	0,18987	18,6774	0,88544	18,0592	0,59248	11,7171	0,69224	5,35417	0,8556	1,62427	0,85061
11.09.2018	132,825	0,001	130,331	0,001	58,8657	0,00247	34,713	0,21868	18,6912	0,88479	18,128	0,58742	11,7066	0,69312	5,42351	0,84893	1,61385	0,85252
12.09.2018	133,105	0,001	130,543	0,001	58,9348	0,00241	34,4392	0,23558	18,6992	0,88441	18,0672	0,5919	11,7257	0,69152	5,36808	0,85427	1,63043	0,84946
13.09.2018	133,183	0,001	130,977	0,001	59,0424	0,00233	34,7669	0,21536	18,6453	0,88695	18,0213	0,59526	11,7811	0,68687	5,40015	0,85122	1,64985	0,84577
14.09.2018	133,461	0,001	131,336	0,001	59,1857	0,00222	34,9503	0,20405	18,7281	0,88305	18,1002	0,58947	11,8586	0,68038	5,45035	0,84619	1,58836	0,85718
15.09.2018	133,273	0,001	131,65	0,001	59,3254	0,00212	35,0137	0,20014	18,7764	0,88078	18,0734	0,59144	11,8976	0,67711	5,43004	0,84826	1,61556	0,8522
16.09.2018	133,676	0,001	131,939	0,001	59,5193	0,00197	34,763	0,2156	18,6867	0,885	18,2474	0,57865	11,9369	0,67381	5,44865	0,84637	1,62576	0,85034
17.09.2018	134,177	0,001	132,308	0,001	59,6283	0,00189	34,5727	0,22734	18,8065	0,87936	18,2412	0,5791	11,9527	0,67249	5,37975	0,85316	1,63685	0,84824
18.09.2018	134,541	0,001	132,628	0,001	59,6063	0,0019	34,6111	0,22497	18,8193	0,87876	18,1658	0,58464	12,0132	0,66741	5,35464	0,85555	1,65981	0,84388
19.09.2018	134,886	0,001	132,915	0,001	59,6531	0,00187	34,6407	0,22315	18,838	0,87788	18,1412	0,58645	12,0499	0,66434	5,40217	0,85103	1,65549	0,8447
20.09.2018	135,297	0,001	133,257	0,001	59,1707	0,00223	34,8534	0,21003	18,8889	0,87548	17,8454	0,6082	12,1289	0,65772	5,50087	0,84104	1,66	0,84384
21.09.2018	135,682	0,001	133,511	0,001	58,8913	0,00245	35,0075	0,20052	18,8477	0,87742	17,5358	0,63095	12,1917	0,65245	5,42108	0,84918	1,68056	0,83993
22.09.2018	136,036	0,001	132,967	0,001	58,7916	0,00252	35,0715	0,19782	18,8817	0,87582	17,3279	0,64624	12,2322	0,64905	5,39814	0,85141	1,66541	0,84281
23.09.2018	137,146	0,001	134,342	0,001	59,4623	0,00201	34,8073	0,21287	18,8676	0,87648	17,1564	0,65884	12,2181	0,65023	5,54698	0,83634	1,63377	0,84883
24.09.2018	135,698	0,001	133,264	0,001	59,5935	0,00191	34,6685	0,22143	18,9002	0,87494	16,8136	0,68404	12,1633	0,65483	5,4104	0,85025	1,57008	0,86052
25.09.2018	136,336	0,001	130,539	0,001	59,4513	0,00202	34,5394	0,22939	18,9525	0,87219	16,7807	0,68646	12,2929	0,64397	5,38134	0,85301	1,52825	0,86817
26.09.2018	136,725	0,001	128,364	0,001	59,5289	0,00196	34,7852	0,21423	18,9843	0,87051	16,6174	0,69846	12,2103	0,65089	5,35117	0,85588	1,58406	0,85796
27.09.2018	137,05	0,001	128,677	0,001	59,7891	0,00176	34,9163	0,20614	19,0307	0,86806	16,6722	0,69443	12,2249	0,64967	5,45715	0,8455	1,57726	0,85921
28.09.2018	137,375	0,001	127,566	0,001	59,9181	0,00167	34,9947	0,20131	19,0785	0,86554	16,5484	0,70354	12,2273	0,64947	5,42567	0,84871	1,5747	0,85967
29.09.2018	137,627	0,001	126,898	0,001	59,9613	0,00163	35,1019	0,19664	19,1348	0,86257	16,4052	0,71406	12,3439	0,63969	5,37263	0,85384	1,58039	0,85863
30.09.2018	137,903	0,001	127,195	0,001	60,1046	0,00152	35,0593	0,1983	19,1829	0,86003	16,4459	0,71107	12,3833	0,63639	5,37824	0,85331	1,5841	0,85796
1.10.2018	138,201	0,001	127,008	0,001	60,239	0,00142	35,0851	0,1973	19,2323	0,85742	16,3079	0,72121	12,3923	0,63563	5,37607	0,85351	1,59903	0,85523
2.10.2018	138,128	0,001	126,207	0,001	60,4311	0,00128	35,3346	0,18754	19,2784	0,85499	16,3797	0,71594	12,3711	0,63741	5,43096	0,84817	1,54483	0,86514
3.10.2018	138,522	0,001	125,277	0,001	60,4544	0,00126	35,3435	0,1872	19,33	0,85227	16,5714	0,70184	12,4045	0,63461	5,47835	0,84334	1,55339	0,86357
4.10.2018	138,758	0,001	125,115	0,001	60,6124	0,00114	35,319	0,18815	19,3802	0,84958	16,6366	0,69705	12,4304	0,63244	5,51752	0,83934	1,58819	0,85721
5.10.2018	139,038	0,001	125,253	0,001	60,7316	0,00105	35,5732	0,17822	19,4299	0,84672	16,6812	0,69378	12,4442	0,63128	5,53736	0,83732	1,57551	0,85953
6.10.2018	139,268	0,001	124,984	0,001	60,9644	0,001	35,5186	0,18035	19,4815	0,84375	16,8375	0,68228	12,4459	0,63114	5,56019	0,83499	1,59439	0,85607
7.10.2018	139,614	0,001	125,731	0,001	61,1321	0,001	35,6537	0,17507	19,5317	0,84085	17,0346	0,6678	12,4557	0,63032	5,63205	0,82767	1,59887	0,85525
8.10.2018	139,953	0,001	125,713	0,001	61,3108	0,001	35,5806	0,17793	19,5816	0,83798	16,9456	0,67434	12,4771	0,62852	5,60207	0,83072	1,63042	0,84946
9.10.2018	140,31	0,001	125,597	0,001	61,4531	0,001	35,479	0,1819	19,6222	0,83564	16,9362	0,67503	12,5041	0,62626	5,57578	0,8334	1,64007	0,84763
10.10.2018	166,451	0,001	110,608	0,001	69,0714	0,001	57,0905	0,001	31,0127	0,13289	17,0107	0,66956	12,7751	0,60354	5,61848	0,82905	1,58947	0,85697
11.10.2018	166,865	0,001	109,373	0,001	69,232	0,001	56,9658	0,001	31,0994	0,13007	17,1769	0,65733	12,8095	0,60066	5,54736	0,8363	1,60218	0,85465
12.10.2018	167,199	0,001	110,063	0,001	69,3945	0,001	57,1957	0,001	31,2381	0,12556	17,3224	0,64664	12,8637	0,59611	5,64381	0,82647	1,6117	0,85291
13.10.2018	167,743	0,001	110,245	0,001	69,5704	0,001	57,3143	0,001	31,2481	0,12524	17,4036	0,64067	12,8894	0,59396	5,60969	0,82995	1,63895	0,84784
14.10.2018	168,196	0,001	110,354	0,001	69,722	0,001	57,4316	0,001	31,3353	0,12281	17,5351	0,63101	12,9174	0,59161	5,66851	0,82389	1,65137	0,84548

14.10.2018	168,196	0,001	110,354	0,001	69,722	0,001	57,4316	0,001	31,3353	0,12281	17,5351	0,63101	12,9174	0,59161	5,66851	0,82389	1,65137	0,84548
15.10.2018	168,601	0,001	110,733	0,001	69,8868	0,001	57,6145	0,001	31,4411	0,1199	17,5095	0,63289	12,9501	0,58887	5,68662	0,82195	1,62371	0,85071
16.10.2018	168,917	0,001	110,913	0,001	70,0409	0,001	57,7187	0,001	31,5014	0,11824	17,4327	0,63853	12,9826	0,58615	5,62357	0,82853	1,64615	0,84647
17.10.2018	169,198	0,001	111,307	0,001	70,2157	0,001	57,8033	0,001	31,5307	0,11744	17,3218	0,64669	13,0132	0,58358	5,64452	0,8264	1,6371	0,84819
18.10.2018	169,516	0,001	111,514	0,001	70,4384	0,001	57,9462	0,001	31,6198	0,11499	17,1534	0,65907	13,0431	0,58107	5,62464	0,82842	1,6243	0,8506
19.10.2018	169,98	0,001	111,647	0,001	70,6117	0,001	58,0884	0,001	31,7136	0,11242	17,1046	0,66265	13,0778	0,57817	5,5853	0,83243	1,61427	0,85244
20.10.2018	170,388	0,001	111,771	0,001	70,7484	0,001	58,1618	0,001	31,8004	0,11003	17,1104	0,66222	13,1021	0,57613	5,55026	0,83601	1,61835	0,85169
21.10.2018	170,793	0,001	111,835	0,001	70,9061	0,001	58,3062	0,001	31,8631	0,10831	17,0882	0,66386	13,1339	0,57346	5,53316	0,83775	1,623	0,85084
22.10.2018	171,185	0,001	112,059	0,001	71,072	0,001	58,4314	0,001	31,9235	0,10665	17,1017	0,66287	13,1579	0,57145	5,53284	0,83778	1,62709	0,85009
23.10.2018	171,557	0,001	112,216	0,001	71,2378	0,001	58,5931	0,001	32,0281	0,10378	17,0534	0,66641	13,1935	0,56846	5,53104	0,83797	1,62804	0,84992
24.10.2018	171,936	0,001	112,252	0,001	71,4118	0,001	58,7395	0,001	32,0859	0,10219	17,0795	0,66449	13,2325	0,56519	5,51182	0,83992	1,6327	0,84903
25.10.2018	172,269	0,001	112,371	0,001	71,5573	0,001	58,8808	0,001	32,1698	0,0999	17,1284	0,6609	13,2674	0,56227	5,5363	0,83743	1,64446	0,8468
26.10.2018	172,636	0,001	112,522	0,001	71,7218	0,001	59,0293	0,001	32,2259	0,09852	17,1705	0,6578	13,3023	0,55934	5,55184	0,83584	1,65477	0,84484
27.10.2018	173,063	0,001	112,493	0,001	71,8767	0,001	59,1747	0,001	32,3037	0,09662	17,1945	0,65604	13,3409	0,55611	5,53757	0,8373	1,67012	0,84192
28.10.2018	173,465	0,001	112,84	0,001	72,0348	0,001	59,3204	0,001	32,2694	0,09746	17,2146	0,65456	13,3758	0,55318	5,54871	0,83616	1,68019	0,84
29.10.2018	173,905	0,001	112,838	0,001	72,1848	0,001	59,467	0,001	32,3698	0,09499	17,2633	0,65098	13,4078	0,5505	5,48672	0,84248	1,69145	0,83786
30.10.2018	174,299	0,001	113,02	0,001	72,3482	0,001	59,6129	0,001	32,4545	0,093	17,2875	0,64921	13,4425	0,54759	5,52333	0,83875	1,69438	0,8373
31.10.2018	174,697	0,001	113,07	0,001	72,4872	0,001	59,7589	0,001	32,5497	0,09077	17,2881	0,64916	13,4726	0,54507	5,52138	0,83895	1,7074	0,83483
1.11.2018	175,1	0,001	113,121	0,001	72,6494	0,001	59,8847	0,001	32,6113	0,08935	17,2806	0,64971	13,5119	0,54177	5,53808	0,83725	1,70606	0,83508
2.11.2018	175,466	0,001	113,571	0,001	72,8806	0,001	60,0459	0,001	32,6407	0,0887	17,2924	0,64885	13,5346	0,53987	5,56928	0,83407	1,71341	0,83369
3.11.2018	175,833	0,001	113,687	0,001	73,0674	0,001	60,1888	0,001	32,7609	0,08602	17,3057	0,64787	13,554	0,53824	5,53596	0,83746	1,70888	0,83455
4.11.2018	176,051	0,001	113,713	0,001	73,1549	0,001	60,3185	0,001	32,8487	0,0841	17,2576	0,6514	13,5775	0,53627	5,51207	0,8399	1,70617	0,83506
5.11.2018	176,174	0,001	113,869	0,001	73,3687	0,001	60,4642	0,001	32,9741	0,08144	17,2807	0,64971	13,604	0,53405	5,5099	0,84012	1,7033	0,83561
6.11.2018	176,089	0,001	114,243	0,001	73,321	0,001	60,61	0,001	33,098	0,07886	17,0856	0,66404	13,6202	0,53269	5,47562	0,84362	1,71559	0,83327
7.11.2018	176,626	0,001	114,013	0,001	73,5356	0,001	60,7547	0,001	33,1395	0,07803	17,0618	0,6658	13,6274	0,53209	5,35933	0,85511	1,69733	0,83674
8.11.2018	177,139	0,001	114,316	0,001	73,6084	0,001	60,863	0,001	33,0757	0,07931	17,1002	0,66298	13,6672	0,52875	5,43404	0,84785	1,69257	0,83765
9.11.2018	177,564	0,001	114,602	0,001	73,9838	0,001	60,9917	0,001	33,2178	0,07645	17,1373	0,66025	13,6994	0,52605	5,4196	0,84933	1,69715	0,83678
10.11.2018	177,961	0,001	114,83	0,001	74,0637	0,001	61,1058	0,001	33,2513	0,07578	17,0313	0,66804	13,7415	0,52253	5,37283	0,85382	1,70156	0,83594
11.11.2018	178,315	0,001	115,284	0,001	74,2685	0,001	60,9567	0,001	33,2425	0,07596	16,9715	0,67243	13,7143	0,5248	5,39203	0,852	1,69943	0,83634
12.11.2018	178,738	0,001	115,494	0,001	74,4583	0,001	61,1668	0,001	33,3505	0,07385	16,7789	0,68659	13,7812	0,51919	5,25494	0,86504	1,69498	0,83719
13.11.2018	179,167	0,001	115,572	0,001	74,6401	0,001	61,3379	0,001	32,9669	0,08159	16,7169	0,69115	13,8956	0,50961	5,04709	0,88393	1,68907	0,83831
14.11.2018	179,595	0,001	115,767	0,001	74,8926	0,001	61,3372	0,001	33,1372	0,07808	16,8842	0,67885	13,9739	0,50304	5,09401	0,87987	1,72786	0,83094
15.11.2018	180,017	0,001	116,119	0,001	75,1535	0,001	61,3468	0,001	33,0924	0,07898	16,7332	0,68995	14,0302	0,49832	5,14276	0,87564	1,75096	0,82655
16.11.2018	180,4	0,001	116,414	0,001	75,3057	0,001	61,4187	0,001	33,0899	0,07903	16,7219	0,69079	14,086	0,49364	5,12559	0,87713	1,77091	0,8227
17.11.2018	180,792	0,001	116,62	0,001	75,4859	0,001	61,4943	0,001	33,1763	0,07729	16,5494	0,70346	14,1276	0,49016	5,06381	0,88248	1,78575	0,81981
18.11.2018	181,384	0,001	117,013	0,001	75,6714	0,001	61,7626	0,001	32,8025	0,08509	16,3126	0,72087	14,1679	0,48677	4,78024	0,90651	1,75931	0,82496
19.11.2018	181,772	0,001	116,935	0,001	75,7794	0,001	61,7013	0,001	32,6329	0,08887	16,0501	0,74017	14,1674	0,48681	4,62726	0,91819	1,8213	0,81288
20.11.2018	182,223	0,001	116,073	0,001	76,2059	0,001	61,5918	0,001	32,8672	0,08371	16,1147	0,73541	14,082	0,49397	4,74988	0,90889	1,87502	0,80241
21.11.2018	182,651	0,001	116,991	0,001	76,3646	0,001	61,7289	0,001	32,6277	0,08899	16,2672	0,7242	14,0296	0,49837	4,82731	0,90275	1,87445	0,80252
22.11.2018	183,319	0,001	117,031	0,001	76,5365	0,001	61,8187	0,001	32,6159	0,08925	16,6506	0,69602	14,0498	0,49668	4,74593	0,9092	1,94406	0,79149

23.11.2018	183,764	0,001	116,745	0,001	76,7147	0,001	61,994	0,001	32,3241	0,09611	16,5044	0,70677	13,9148	0,50799	4,61991	0,91873	1,97249	0,78722
24.11.2018	184,168	0,001	116,255	0,001	76,8765	0,001	62,1559	0,001	32,5503	0,09075	16,9455	0,67434	13,8177	0,51613	4,73543	0,91003	2,02914	0,77871
25.11.2018	184,63	0,001	116,341	0,001	77,1142	0,001	62,1518	0,001	32,3936	0,09443	16,9583	0,6734	13,7119	0,525	4,75556	0,90845	2,04642	0,77612
26.11.2018	185,036	0,001	116,439	0,001	77,1604	0,001	62,3229	0,001	32,5115	0,09167	17,2517	0,65184	13,7099	0,52517	4,80298	0,90471	2,09187	0,76929
27.11.2018	185,37	0,001	115,911	0,001	77,3382	0,001	62,3307	0,001	32,6616	0,08823	17,4666	0,63604	13,6922	0,52666	4,90292	0,89641	2,08862	0,76978
28.11.2018	185,621	0,001	116,619	0,001	77,5353	0,001	62,352	0,001	32,6507	0,08847	17,5331	0,63115	13,824	0,5156	4,94903	0,89242	2,08165	0,77083
29.11.2018	186,103	0,001	117,103	0,001	77,5372	0,001	62,5035	0,001	32,5898	0,08984	17,508	0,633	13,848	0,5136	4,84947	0,90097	2,06695	0,77303
30.11.2018	186,514	0,001	116,965	0,001	77,6874	0,001	62,5778	0,001	32,7593	0,08605	17,3421	0,64519	13,9159	0,5079	4,83142	0,90242	2,07764	0,77143
1.12.2018	186,859	0,001	117,191	0,001	77,8969	0,001	62,4935	0,001	32,7901	0,08536	17,1831	0,65688	13,8398	0,51429	4,84285	0,9015	2,04202	0,77678
2.12.2018	187,298	0,001	117,441	0,001	78,061	0,001	62,62	0,001	32,7809	0,08557	17,2244	0,65385	13,7711	0,52004	4,76289	0,90787	2,04984	0,7756
3.12.2018	187,625	0,001	117,53	0,001	78,2494	0,001	62,7645	0,001	32,8828	0,08338	17,3712	0,64305	13,786	0,51879	4,76462	0,90773	2,05159	0,77534
4.12.2018	188,078	0,001	117,89	0,001	78,4309	0,001	63,1547	0,001	32,8963	0,08309	17,5693	0,62849	13,8	0,51762	4,76033	0,90807	1,97547	0,78677
5.12.2018	188,501	0,001	118,171	0,001	78,591	0,001	63,358	0,001	32,867	0,08371	17,832	0,60918	13,7501	0,5218	4,75316	0,90864	1,9593	0,7892
6.12.2018	188,707	0,001	118,211	0,001	78,7992	0,001	62,9453	0,001	32,8439	0,0842	18,0394	0,59393	13,6692	0,52859	4,75229	0,9087	2,04647	0,77611
7.12.2018	188,986	0,001	118,515	0,001	79,0064	0,001	62,8714	0,001	32,9294	0,08238	18,1942	0,58255	13,6472	0,53043	4,85914	0,90019	2,11234	0,76622
8.12.2018	189,456	0,001	118,798	0,001	79,1338	0,001	62,9326	0,001	33,011	0,08065	18,1531	0,58558	13,6019	0,53422	4,92377	0,89461	2,11838	0,76531
9.12.2018	190,41	0,001	119,096	0,001	79,2821	0,001	63,0616	0,001	32,9845	0,08121	18,1078	0,58891	13,5267	0,54053	4,83641	0,90202	2,13552	0,76273
10.12.2018	190,748	0,001	119,331	0,001	79,4397	0,001	63,2165	0,001	33,0698	0,07943	18,1528	0,5856	13,5069	0,54219	4,80422	0,90461	2,14849	0,76079
11.12.2018	190,767	0,001	119,538	0,001	79,6168	0,001	63,474	0,001	33,1831	0,07715	18,241	0,57912	13,5042	0,54242	4,84085	0,90166	2,12103	0,76491
12.12.2018	190,899	0,001	119,8	0,001	79,7904	0,001	63,5571	0,001	33,133	0,07816	18,2524	0,57828	13,3884	0,55213	4,84477	0,90135	2,12979	0,76359
13.12.2018	191,013	0,001	120,045	0,001	79,9688	0,001	63,592	0,001	33,1763	0,07729	18,3548	0,57075	13,2686	0,56217	4,85898	0,9002	2,16931	0,75766
14.12.2018	191,149	0,001	120,146	0,001	80,1531	0,001	63,6982	0,001	33,2408	0,07599	18,3993	0,56748	13,1099	0,57547	4,89736	0,89689	2,18552	0,75522
15.12.2018	131,552	0,001	123,84	0,001	77,7566	0,001	58,96	0,001	25,6133	0,43983	22,1163	0,29425	13,0822	0,57779	3,90458	0,96193	2,666	0,68306
16.12.2018	131,845	0,001	123,844	0,001	77,9119	0,001	59,099	0,001	25,7529	0,43052	22,1828	0,28936	13,1053	0,57586	3,98743	0,9579	2,6646	0,68327
17.12.2018	132,155	0,001	124,004	0,001	77,9499	0,001	59,2632	0,001	25,8116	0,42661	22,0374	0,30005	13,0009	0,58461	4,03106	0,95569	2,65951	0,68403
18.12.2018	132,437	0,001	124,326	0,001	78,0449	0,001	59,4122	0,001	25,851	0,42398	22,034	0,3003	12,9907	0,58547	4,00271	0,95712	2,64005	0,68696
19.12.2018	132,712	0,001	124,03	0,001	77,8978	0,001	59,5445	0,001	25,9647	0,4164	22,0709	0,29759	13,2334	0,56512	4,05926	0,95421	2,63207	0,68815
20.12.2018	132,989	0,001	123,422	0,001	77,9868	0,001	59,6812	0,001	25,9882	0,41483	22,0935	0,29593	13,3566	0,55479	4,0321	0,95564	2,63966	0,68701
21.12.2018	133,258	0,001	122,932	0,001	78,3036	0,001	59,8094	0,001	26,0563	0,41029	22,227	0,28612	13,5079	0,5421	4,16595	0,94834	2,63793	0,68727
22.12.2018	133,526	0,001	123,471	0,001	78,4152	0,001	59,9453	0,001	26,1165	0,40628	22,2458	0,28473	13,5432	0,53915	4,13389	0,95018	2,63173	0,68821
23.12.2018	133,759	0,001	123,653	0,001	78,7982	0,001	60,0749	0,001	26,1946	0,40107	22,3681	0,27574	13,466	0,54561	4,18336	0,94734	2,65784	0,68428
24.12.2018	134,149	0,001	124,001	0,001	78,952	0,001	60,1318	0,001	26,2122	0,3999	22,3504	0,27705	13,2465	0,56402	4,08518	0,95281	2,6674	0,68285
25.12.2018	134,428	0,001	123,709	0,001	79,1297	0,001	60,1898	0,001	26,3136	0,39314	22,385	0,2745	13,139	0,57303	4,11348	0,95128	2,70118	0,67777
26.12.2018	134,656	0,001	124,045	0,001	79,2443	0,001	60,3523	0,001	26,2943	0,39442	22,3727	0,27541	13,0671	0,57906	4,09991	0,95202	2,70311	0,67748
27.12.2018	135,075	0,001	123,509	0,001	79,3682	0,001	60,3535	0,001	26,4311	0,3853	22,4361	0,27074	13,1261	0,57411	4,16775	0,94824	2,71628	0,67551
28.12.2018	135,313	0,001	124,17	0,001	79,4746	0,001	60,5911	0,001	26,4395	0,38474	22,5818	0,26003	13,1264	0,57409	4,16511	0,94839	2,70686	0,67692
29.12.2018	135,605	0,001	123,953	0,001	79,681	0,001	60,6734	0,001	26,4802	0,38203	22,6888	0,25217	13,0833	0,5777	4,17052	0,94808	2,73154	0,67321
30.12.2018	135,887	0,001	124,346	0,001	79,7553	0,001	60,7929	0,001	26,4749	0,38238	22,7287	0,24923	12,9966	0,58497	4,16456	0,94842	2,73144	0,67323
31.12.2018	136,182	0,001	124,4	0,001	79,9552	0,001	60,979	0,001	26,581	0,37531	22,7759	0,24576	13,0508	0,58043	4,17666	0,94772	2,70382	0,67738
1.01.2019	136,42	0,001	124,568	0,001	80,0275	0,001	61,1005	0,001	26,665	0,36971	22,7927	0,24453	12,9846	0,58598	4,21675	0,94541	2,72323	0,67446

2.01.2019	136,706	0,001	124,866	0,001	80,2355	0,001	61,2555	0,001	26,6899	0,36805	22,9162	0,23545	12,9248	0,59099	4,23354	0,94442	2,74626	0,671
3.01.2019	136,996	0,001	124,936	0,001	80,3436	0,001	61,3397	0,001	26,7649	0,36305	22,9501	0,23296	12,8948	0,59351	4,26406	0,94257	2,75573	0,66958
4.01.2019	137,288	0,001	125,251	0,001	80,6178	0,001	61,448	0,001	26,814	0,35977	23,0738	0,22386	12,9385	0,58984	4,28362	0,94139	2,75763	0,6693
5.01.2019	137,58	0,001	125,148	0,001	80,7886	0,001	61,5809	0,001	26,9449	0,35104	23,1385	0,21911	12,8186	0,59989	4,34138	0,93779	2,76065	0,66884
6.01.2019	137,865	0,001	125,221	0,001	80,8554	0,001	61,677	0,001	26,9569	0,35024	23,1252	0,22009	12,7011	0,60975	4,35038	0,93722	2,74986	0,67046
7.01.2019	138,096	0,001	125,046	0,001	81,0927	0,001	61,7185	0,001	26,9929	0,34784	23,1574	0,21772	12,7758	0,60348	4,35441	0,93697	2,74443	0,67128
8.01.2019	138,258	0,001	125,261	0,001	81,2141	0,001	61,9265	0,001	27,0176	0,3462	23,162	0,21739	12,7619	0,60465	4,37858	0,93543	2,70183	0,67768
9.01.2019	138,342	0,001	125,06	0,001	81,459	0,001	61,9365	0,001	26,8125	0,35987	23,2108	0,2138	12,5839	0,61957	4,38105	0,93528	2,71447	0,67578
10.01.2019	138,62	0,001	124,919	0,001	81,5702	0,001	61,6345	0,001	26,9461	0,35096	23,1973	0,21479	12,5651	0,62115	4,36564	0,93625	2,74663	0,67095
11.01.2019	138,901	0,001	125,269	0,001	81,5931	0,001	61,8481	0,001	27,0136	0,34646	23,1903	0,21531	12,6252	0,61611	4,3463	0,93748	2,73545	0,67263
12.01.2019	139,152	0,001	125,046	0,001	81,7755	0,001	61,9513	0,001	27,0667	0,34292	23,1847	0,21571	12,4499	0,6308	4,34403	0,93762	2,74931	0,67055
13.01.2019	139,215	0,001	124,926	0,001	81,5704	0,001	61,758	0,001	27,1645	0,3364	23,1864	0,21559	12,5122	0,62558	4,34527	0,93755	2,77898	0,66609
14.01.2019	139,208	0,001	124,964	0,001	81,9589	0,001	62,1096	0,001	27,1844	0,33508	23,3485	0,20367	12,4711	0,62903	4,38746	0,93486	2,74188	0,67166
15.01.2019	139,439	0,001	124,515	0,001	82,0993	0,001	62,0692	0,001	27,246	0,33097	23,3751	0,20172	12,4239	0,63298	4,40116	0,93395	2,77155	0,6672
16.01.2019	139,452	0,001	124,795	0,001	82,204	0,001	62,0678	0,001	27,273	0,32917	23,4672	0,19689	12,4516	0,63066	4,41004	0,93336	2,76612	0,66802
17.01.2019	139,819	0,001	124,788	0,001	82,4461	0,001	62,2234	0,001	27,3326	0,32519	23,4645	0,19702	12,5116	0,62563	4,41489	0,93304	2,73536	0,67264
18.01.2019	139,79	0,001	124,882	0,001	82,6048	0,001	62,4172	0,001	27,3928	0,32118	23,4889	0,19592	12,5011	0,62651	4,43559	0,93167	2,72344	0,67443
19.01.2019	140,029	0,001	124,724	0,001	82,7206	0,001	62,4453	0,001	27,4124	0,31987	23,524	0,19433	12,3884	0,63596	4,41762	0,93286	2,71844	0,67518
20.01.2019	140,156	0,001	124,557	0,001	82,8774	0,001	62,5494	0,001	27,482	0,31523	23,5591	0,19274	12,4043	0,63463	4,43978	0,93139	2,71631	0,6755
21.01.2019	140,274	0,001	124,443	0,001	82,9994	0,001	62,5726	0,001	27,5373	0,31155	23,5957	0,19109	12,3764	0,63697	4,48126	0,92858	2,69406	0,67884
22.01.2019	140,497	0,001	124,135	0,001	83,2115	0,001	62,5624	0,001	27,5788	0,30877	23,6448	0,18887	12,3435	0,63972	4,51073	0,92654	2,71626	0,67551
23.01.2019	140,701	0,001	124,039	0,001	83,3527	0,001	62,5912	0,001	27,6327	0,30518	23,6912	0,18677	12,3236	0,64139	4,52547	0,92552	2,72314	0,67448
24.01.2019	141,002	0,001	123,764	0,001	83,5125	0,001	62,5177	0,001	27,6901	0,30135	23,735	0,18479	12,2813	0,64494	4,53749	0,92468	2,72324	0,67446
25.01.2019	141,177	0,001	123,646	0,001	83,6766	0,001	62,7462	0,001	27,7435	0,29779	23,7855	0,18251	12,2521	0,64739	4,54628	0,92405	2,7042	0,67732
26.01.2019	141,325	0,001	123,472	0,001	83,86	0,001	62,8333	0,001	27,7597	0,29671	23,8506	0,17957	12,2577	0,64692	4,57761	0,9218	2,66643	0,68299
27.01.2019	141,437	0,001	123,223	0,001	84,0288	0,001	62,7838	0,001	27,7651	0,29636	23,9109	0,17684	12,2232	0,64981	4,59082	0,92086	2,65841	0,6842
28.01.2019	141,866	0,001	122,405	0,001	84,0721	0,001	62,0267	0,001	27,8373	0,29154	23,9421	0,17543	11,9792	0,67027	4,5907	0,92087	2,75765	0,66929
29.01.2019	142,085	0,001	122,411	0,001	84,1822	0,001	62,1729	0,001	27,9109	0,28663	23,9857	0,17363	11,9963	0,66883	4,62826	0,91812	2,75229	0,6701
30.01.2019	142,319	0,001	121,954	0,001	84,2786	0,001	62,3189	0,001	27,9735	0,28246	24,0321	0,17175	11,7429	0,69008	4,63164	0,91787	2,77412	0,66682
31.01.2019	142,562	0,001	121,934	0,001	84,3748	0,001	62,5159	0,001	28,0205	0,27933	24,0876	0,16951	11,7379	0,69049	4,62697	0,91821	2,79725	0,66334
1.02.2019	142,863	0,001	121,459	0,001	84,6049	0,001	62,5721	0,001	28,0425	0,27786	24,1445	0,16721	11,779	0,68705	4,64897	0,91659	2,74839	0,67068
2.02.2019	143,1	0,001	121,382	0,001	84,7227	0,001	62,9547	0,001	28,0728	0,27584	24,2118	0,16449	11,7082	0,69299	4,65339	0,91626	2,72682	0,67392
3.02.2019	143,36	0,001	121,228	0,001	84,7813	0,001	62,8264	0,001	28,0937	0,27444	24,2576	0,16264	11,66	0,69702	4,6694	0,91507	2,74158	0,67171
4.02.2019	143,63	0,001	121,368	0,001	85,0213	0,001	63,0532	0,001	28,1504	0,27067	24,3237	0,15997	11,7765	0,68726	4,7007	0,91268	2,67801	0,68125
5.02.2019	143,905	0,001	121,714	0,001	85,1863	0,001	63,4286	0,001	28,1738	0,26911	24,3721	0,15801	11,8407	0,68187	4,69941	0,91278	2,59986	0,69299
6.02.2019	144,162	0,001	121,952	0,001	85,3269	0,001	63,5311	0,001	28,2006	0,26731	24,4071	0,1566	11,9264	0,67469	4,71522	0,91157	2,56011	0,69896
7.02.2019	144,453	0,001	121,794	0,001	85,3773	0,001	63,3403	0,001	28,3388	0,2581	24,4698	0,15406	11,9556	0,67224	4,7471	0,90911	2,57727	0,69638
8.02.2019	144,728	0,001	121,666	0,001	85,5521	0,001	63,9069	0,001	28,3948	0,25437	24,5496	0,15083	11,6799	0,69536	4,77237	0,90712	2,47864	0,7112
9.02.2019	145,008	0,001	121,835	0,001	85,7051	0,001	64,0653	0,001	28,4503	0,25067	24,6153	0,14841	11,7605	0,6886	4,78609	0,90605	2,41995	0,72001
10.02.2019	145,301	0,001	122,391	0,001	85,8949	0,001	64,2104	0,001	28,5039	0,24709	24,5918	0,14924	11,7093	0,6929	4,7947	0,90537	2,35725	0,72943

11.02.2019	145,658	0,001	122,685	0,001	86,0271	0,001	64,4329	0,001	28,5316	0,24524	24,581	0,14962	12,0385	0,66529	4,80297	0,90471	2,28944	0,73962
12.02.2019	145,89	0,001	122,808	0,001	86,1855	0,001	64,5421	0,001	28,5928	0,24116	24,7698	0,14297	11,7648	0,68824	4,81409	0,90382	2,31307	0,73607
13.02.2019	146,25	0,001	122,915	0,001	86,267	0,001	64,4849	0,001	28,6329	0,23849	24,8002	0,1419	11,7537	0,68917	4,82365	0,90305	2,37104	0,72736
14.02.2019	146,138	0,001	122,958	0,001	86,4099	0,001	64,5371	0,001	28,6505	0,23732	24,8476	0,14023	11,6629	0,69678	4,83274	0,90232	2,38052	0,72594
15.02.2019	146,377	0,001	123,241	0,001	86,6461	0,001	64,9058	0,001	28,713	0,23315	24,7699	0,14296	11,8613	0,68015	4,84263	0,90152	2,32538	0,73422
16.02.2019	146,167	0,001	123,272	0,001	86,7668	0,001	64,9096	0,001	28,7673	0,22953	24,675	0,14631	11,6968	0,69394	4,8524	0,90073	2,35303	0,73006
17.02.2019	146,332	0,001	123,583	0,001	86,8683	0,001	65,0221	0,001	28,7794	0,22872	24,4578	0,15455	11,7912	0,68603	4,8611	0,90003	2,37864	0,72622
18.02.2019	146,267	0,001	123,88	0,001	86,9611	0,001	65,2378	0,001	28,8396	0,22471	24,7096	0,14509	11,6458	0,69822	4,86454	0,89974	2,37035	0,72746
19.02.2019	146,9	0,001	124,255	0,001	87,2679	0,001	65,3244	0,001	28,9066	0,22025	24,7096	0,14509	11,9172	0,67546	4,87234	0,89906	2,27519	0,74176
20.02.2019	146,827	0,001	124,5	0,001	87,4177	0,001	65,3493	0,001	28,9638	0,21643	24,8883	0,13879	11,7693	0,68786	4,87827	0,89855	2,23357	0,74801
21.02.2019	147,032	0,001	124,695	0,001	87,4567	0,001	65,503	0,001	29,0216	0,21257	24,8352	0,14066	11,8183	0,68376	4,88293	0,89814	2,26008	0,74402
22.02.2019	147,175	0,001	124,927	0,001	87,5151	0,001	65,6152	0,001	29,0541	0,21041	24,9304	0,1373	11,9629	0,67163	4,88205	0,89822	2,20632	0,7521
23.02.2019	147,034	0,001	125,131	0,001	87,6974	0,001	65,7252	0,001	29,1838	0,20176	25,2279	0,12682	11,7448	0,68992	4,88754	0,89775	2,24436	0,74639
24.02.2019	147,307	0,001	125,346	0,001	87,8194	0,001	65,7863	0,001	29,2218	0,19952	24,9199	0,13767	11,8526	0,68088	4,90591	0,89615	2,26716	0,74296
25.02.2019	146,663	0,001	125,597	0,001	87,6736	0,001	65,8073	0,001	29,2632	0,1978	24,9508	0,13659	11,6314	0,69942	4,928	0,89424	2,3018	0,73776
26.02.2019	146,517	0,001	125,689	0,001	87,8964	0,001	65,881	0,001	29,3224	0,19534	24,8151	0,14137	11,5876	0,7031	4,93349	0,89377	2,34226	0,73168
27.02.2019	146,283	0,001	125,994	0,001	88,0035	0,001	66,0686	0,001	29,3781	0,19303	24,8442	0,14034	11,6641	0,69668	4,95349	0,89203	2,31854	0,73524
28.02.2019	146,079	0,001	126,238	0,001	88,212	0,001	66,2509	0,001	29,4521	0,18995	24,6665	0,14661	11,7193	0,69206	4,97405	0,89025	2,27485	0,74181
1.03.2019	146,422	0,001	126,451	0,001	88,4209	0,001	66,182	0,001	29,5055	0,18773	24,4886	0,1533	11,9617	0,67173	4,99054	0,88883	2,16411	0,75844
2.03.2019	146,384	0,001	126,727	0,001	88,5462	0,001	66,1636	0,001	29,5524	0,18578	24,5419	0,15115	12,0562	0,66381	4,99817	0,88817	2,08405	0,77046
3.03.2019	146,762	0,001	127,016	0,001	88,6145	0,001	66,4549	0,001	29,6078	0,18348	24,7317	0,14431	12,0458	0,66468	4,99812	0,88817	2,08838	0,76981
4.03.2019	147,015	0,001	127,254	0,001	88,7082	0,001	66,5171	0,001	29,627	0,18269	24,7894	0,14227	12,2469	0,64782	5,00579	0,88751	2,04479	0,77636
5.03.2019	147,484	0,001	127,223	0,001	88,928	0,001	64,6882	0,001	29,7052	0,17944	25,0345	0,13363	12,5956	0,61859	5,00718	0,88739	1,8496	0,80737
6.03.2019	147,627	0,001	127,44	0,001	89,1004	0,001	64,7821	0,001	29,7752	0,17653	24,7722	0,14288	12,7142	0,60864	5,01146	0,88701	1,77846	0,82123
7.03.2019	148,276	0,001	127,544	0,001	89,2435	0,001	64,7253	0,001	29,8316	0,17427	24,653	0,14709	12,9134	0,59194	5,0115	0,88701	1,7121	0,83394
8.03.2019	147,728	0,001	128,105	0,001	89,4473	0,001	65,2603	0,001	29,8552	0,1734	25,3466	0,123	12,8972	0,5933	5,00001	0,88801	1,72374	0,83172
9.03.2019	148,562	0,001	128,369	0,001	89,6265	0,001	64,9663	0,001	29,751	0,17753	25,9084	0,10631	12,9613	0,58793	4,99713	0,88826	1,704	0,83548
10.03.2019	147,882	0,001	128,548	0,001	89,7722	0,001	65,1533	0,001	29,7986	0,17556	26,5616	0,08875	13,0102	0,58383	5,01552	0,88666	1,70461	0,83536
11.03.2019	147,771	0,001	128,924	0,001	89,9246	0,001	65,2693	0,001	29,814	0,17493	26,2705	0,09606	13,0824	0,57778	5,07305	0,88168	1,71091	0,83416
12.03.2019	146,885	0,001	129,214	0,001	90,0414	0,001	65,4065	0,001	29,907	0,17148	26,4265	0,09209	13,2372	0,5648	5,10877	0,87859	1,65612	0,84458
13.03.2019	146,584	0,001	129,397	0,001	90,2095	0,001	65,6966	0,001	29,9296	0,17064	26,371	0,09348	13,2319	0,56525	5,12063	0,87756	1,67066	0,84181
14.03.2019	146,331	0,001	129,615	0,001	90,3893	0,001	65,837	0,001	29,9475	0,16997	26,2611	0,09631	13,2326	0,56519	5,12904	0,87683	1,67499	0,84099
15.03.2019	145,41	0,001	129,706	0,001	90,5576	0,001	65,9463	0,001	29,9614	0,16946	26,4849	0,09062	13,2577	0,56308	5,12808	0,87692	1,67241	0,84148
16.03.2019	145,878	0,001	130,228	0,001	90,6099	0,001	65,7537	0,001	30,0132	0,16753	26,3085	0,09506	13,3691	0,55375	5,14211	0,8757	1,64248	0,84717
17.03.2019	144,947	0,001	130,096	0,001	90,7704	0,001	65,9864	0,001	30,0639	0,16565	25,9707	0,10446	13,3666	0,55395	5,14616	0,87535	1,65193	0,84538
18.03.2019	145,404	0,001	130,19	0,001	90,9019	0,001	66,1111	0,001	30,117	0,16368	25,8342	0,10852	13,4214	0,54935	5,15781	0,87428	1,65798	0,84422
19.03.2019	144,537	0,001	130,222	0,001	91,1401	0,001	66,1927	0,001	30,1715	0,16166	26,0147	0,10316	13,4342	0,54828	5,17224	0,8729	1,657	0,84441
20.03.2019	144,311	0,001	130,29	0,001	91,3339	0,001	66,3571	0,001	30,2198	0,15987	25,5807	0,11605	13,4049	0,55074	5,17792	0,87236	1,67121	0,84171
21.03.2019	143,486	0,001	130,026	0,001	91,5082	0,001	66,1715	0,001	30,2908	0,15724	24,8747	0,13927	13,3289	0,55711	5,18252	0,87193	1,70837	0,83464
22.03.2019	143,316	0,001	130,487	0,001	91,5918	0,001	66,541	0,001	30,3387	0,15546	24,6284	0,14795	13,4571	0,54637	5,2005	0,87021	1,6822	0,83962

23.03.2019	142,97	0,001	130,064	0,001	91,6312	0,001	66,6793	0,001	30,3724	0,15421	23,9777	0,17395	13,4677	0,54547	5,20102	0,87017	1,68356	0,83936
24.03.2019	143,821	0,001	130,989	0,001	91,7011	0,001	66,5542	0,001	30,3828	0,15382	23,5112	0,19491	13,629	0,53195	5,23776	0,86667	1,64434	0,84682
25.03.2019	143,148	0,001	130,979	0,001	91,9454	0,001	67,0356	0,001	30,4256	0,15223	23,4543	0,19748	13,6373	0,53126	5,23846	0,8666	1,64868	0,84599
26.03.2019	144,061	0,001	131,216	0,001	92,2314	0,001	67,2253	0,001	30,4151	0,15262	23,2669	0,20967	13,6607	0,5293	5,22666	0,86773	1,66088	0,84367
27.03.2019	143,67	0,001	131,37	0,001	92,4107	0,001	67,22	0,001	30,4639	0,15081	24,495	0,15304	13,6569	0,52962	5,2096	0,86935	1,65831	0,84416
28.03.2019	143,974	0,001	131,837	0,001	92,4749	0,001	67,3165	0,001	30,4761	0,15036	24,2913	0,16127	13,689	0,52693	5,20916	0,86939	1,66062	0,84372
29.03.2019	143,438	0,001	131,737	0,001	92,6704	0,001	67,3613	0,001	30,4972	0,14963	23,2838	0,20843	13,6893	0,5269	5,21703	0,86864	1,67087	0,84177
30.03.2019	143,632	0,001	131,872	0,001	92,8136	0,001	67,5245	0,001	30,5326	0,14848	22,7209	0,24981	13,7665	0,52043	5,23973	0,86648	1,66435	0,84301
31.03.2019	143,593	0,001	132,206	0,001	92,9606	0,001	67,5482	0,001	30,5906	0,14659	22,6259	0,2568	13,8029	0,51737	5,25027	0,86548	1,66318	0,84323
1.04.2019	144,212	0,001	132,509	0,001	93,1663	0,001	67,6268	0,001	30,6968	0,14315	22,0452	0,29948	13,7713	0,52003	5,20385	0,8699	1,66682	0,84254
2.04.2019	144,089	0,001	132,645	0,001	93,3498	0,001	67,221	0,001	30,7384	0,1418	23,2597	0,2102	13,7896	0,51849	5,18741	0,87146	1,69391	0,83739
3.04.2019	143,917	0,001	130,634	0,001	93,4601	0,001	67,6426	0,001	30,8146	0,13932	23,3899	0,20063	13,8744	0,51138	5,09219	0,88002	1,68086	0,83987
4.04.2019	144,238	0,001	131,704	0,001	93,248	0,001	67,6372	0,001	31,0093	0,13299	23,7544	0,18392	13,8412	0,51416	5,12336	0,87732	1,70255	0,83575
5.04.2019	143,79	0,001	130,822	0,001	93,5937	0,001	67,4455	0,001	31,0459	0,1318	24,7085	0,14513	13,8781	0,51107	5,09917	0,87942	1,73419	0,82973
6.04.2019	143,961	0,001	131,082	0,001	93,7932	0,001	67,6883	0,001	31,2791	0,12435	24,1435	0,16725	13,9294	0,50677	5,08863	0,88033	1,72065	0,83231
7.04.2019	143,474	0,001	131,037	0,001	93,9905	0,001	67,6064	0,001	31,3329	0,12287	23,6261	0,18971	13,9441	0,50554	5,11426	0,87811	1,714	0,83357
8.04.2019	142,773	0,001	130,871	0,001	94,1097	0,001	66,9399	0,001	31,3061	0,12361	22,8142	0,24295	14,0492	0,49673	5,07988	0,88109	1,67915	0,8402
9.04.2019	142,46	0,001	131,753	0,001	94,2736	0,001	67,563	0,001	31,4025	0,12096	22,2007	0,28805	14,0463	0,49697	5,10437	0,87897	1,67873	0,84028
10.04.2019	141,013	0,001	131,463	0,001	94,417	0,001	67,4088	0,001	31,3318	0,1229	22,1366	0,29276	14,1201	0,49078	5,12361	0,8773	1,6728	0,84141
11.04.2019	141,032	0,001	131,82	0,001	94,5945	0,001	67,0328	0,001	31,3913	0,12127	20,4953	0,41341	14,138	0,48928	5,1748	0,87266	1,67197	0,84156
12.04.2019	140,531	0,001	132,034	0,001	94,7712	0,001	67,7994	0,001	31,3577	0,12219	20,5957	0,40603	14,142	0,48894	5,19468	0,87077	1,67937	0,84016
13.04.2019	140,9	0,001	132,268	0,001	94,9582	0,001	67,9315	0,001	31,4041	0,12092	20,2173	0,43384	14,0565	0,49612	5,1721	0,87292	1,68672	0,83876
14.04.2019	140,976	0,001	132,468	0,001	95,1178	0,001	68,1888	0,001	31,3788	0,12161	20,2033	0,43487	14,098	0,49264	5,16408	0,87368	1,7048	0,83532
15.04.2019	141,171	0,001	132,821	0,001	95,2273	0,001	68,2853	0,001	31,437	0,12001	20,1473	0,43899	13,9332	0,50645	5,15045	0,87498	1,70815	0,83469
16.04.2019	141,208	0,001	132,994	0,001	95,3824	0,001	68,3984	0,001	31,5212	0,1177	20,46	0,41601	13,9328	0,50648	5,13438	0,87637	1,72354	0,83176
17.04.2019	141,457	0,001	133,216	0,001	95,5389	0,001	68,5173	0,001	31,5939	0,1157	20,353	0,42387	13,8885	0,51019	5,12619	0,87708	1,72047	0,83234
18.04.2019	141,856	0,001	132,975	0,001	95,6814	0,001	67,8765	0,001	31,6636	0,11379	21,2089	0,36095	13,4969	0,54303	5,24094	0,86637	1,82427	0,8123
19.04.2019	142,326	0,001	132,354	0,001	95,6519	0,001	66,8818	0,001	31,5223	0,11767	23,0239	0,22754	12,8309	0,59887	5,33272	0,85764	2,01117	0,78141
20.04.2019	142,871	0,001	131,938	0,001	95,8973	0,001	67,37	0,001	31,3952	0,12116	23,2876	0,20815	12,6933	0,6104	5,32639	0,85824	2,06652	0,7731
21.04.2019	143,282	0,001	132,621	0,001	96,2889	0,001	67,673	0,001	31,6408	0,11441	23,2312	0,2123	12,7328	0,60708	5,2712	0,86349	2,01747	0,78046
22.04.2019	143,701	0,001	132,696	0,001	96,5955	0,001	67,7228	0,001	31,9938	0,10472	23,7693	0,18324	12,8296	0,59897	5,19595	0,87065	2,00616	0,78216
23.04.2019	143,637	0,001	132,932	0,001	96,7947	0,001	67,8727	0,001	32,1556	0,10028	22,8536	0,24005	13,0352	0,58173	5,17	0,87312	1,90363	0,79756
24.04.2019	143,734	0,001	133,297	0,001	97,0476	0,001	68,2035	0,001	31,7185	0,11228	21,8843	0,3113	12,737	0,60673	5,27062	0,86354	1,94909	0,79073
25.04.2019	143,568	0,001	132,987	0,001	97,2207	0,001	68,0471	0,001	31,6925	0,113	20,4733	0,41503	12,7356	0,60685	5,20088	0,87018	1,89489	0,79888
26.04.2019	143,839	0,001	133,375	0,001	97,4144	0,001	68,283	0,001	31,5756	0,11621	19,9613	0,45266	12,6168	0,61681	5,21037	0,86928	1,94288	0,79167
27.04.2019	143,687	0,001	133,564	0,001	97,5836	0,001	68,3087	0,001	31,3456	0,12252	18,8857	0,53173	12,714	0,60866	5,19752	0,8705	1,89778	0,79844
28.04.2019	144,156	0,001	133,415	0,001	97,7513	0,001	68,4212	0,001	31,3641	0,12201	19,1001	0,51597	12,343	0,63977	5,23659	0,86678	1,92638	0,79415
29.04.2019	144,058	0,001	133,472	0,001	97,9331	0,001	68,4394	0,001	31,511	0,11798	17,83	0,60933	12,5633	0,6213	5,22286	0,86809	1,85403	0,8065
30.04.2019	144,49	0,001	133,698	0,001	98,1001	0,001	68,6252	0,001	31,661	0,11386	17,648	0,62271	12,6184	0,61668	5,14149	0,87575	1,87592	0,80224
1.05.2019	144,569	0,001	133,771	0,001	98,2602	0,001	68,7325	0,001	31,6974	0,11286	17,5715	0,62833	12,5366	0,62353	5,16568	0,87353	1,86441	0,80448

2.05.2019	144,857	0,001	134,121	0,001	98,4332	0,001	68,6322	0,001	31,7895	0,11033	18,4688	0,56237	11,828	0,68294	5,21493	0,86884	1,97511	0,78683
3.05.2019	144,968	0,001	134,192	0,001	98,5332	0,001	68,7755	0,001	31,6801	0,11334	18,5437	0,55687	11,9664	0,67134	5,17232	0,8729	1,99185	0,78431
4.05.2019	145,325	0,001	134,397	0,001	98,379	0,001	69,162	0,001	31,7292	0,11199	17,925	0,60235	11,9382	0,6737	5,13448	0,87636	1,92797	0,79391
5.05.2019	145,471	0,001	134,623	0,001	98,5132	0,001	69,2974	0,001	31,7985	0,11009	18,2559	0,57802	11,8592	0,68032	5,1682	0,87329	1,94654	0,79112
6.05.2019	145,632	0,001	134,853	0,001	98,6976	0,001	69,5618	0,001	31,9524	0,10586	17,7123	0,61798	11,746	0,68981	5,0643	0,88244	1,88829	0,79987
7.05.2019	145,779	0,001	134,86	0,001	98,6745	0,001	69,2076	0,001	32,0926	0,10201	16,4225	0,71279	11,9137	0,67576	4,95041	0,8923	1,80898	0,81528
8.05.2019	145,829	0,001	135,085	0,001	98,7756	0,001	69,3829	0,001	32,2602	0,09768	16,1874	0,73007	11,5756	0,7041	4,89171	0,89738	1,79732	0,81755
9.05.2019	145,669	0,001	135,158	0,001	98,4018	0,001	68,7231	0,001	32,4889	0,0922	15,2092	0,80187	11,6638	0,69671	4,84199	0,90157	1,77242	0,82241
10.05.2019	146,079	0,001	135,528	0,001	98,0111	0,001	69,3443	0,001	32,879	0,08346	15,7388	0,76305	10,7944	0,76959	4,6378	0,91741	1,7707	0,82274
11.05.2019	145,993	0,001	135,536	0,001	97,6337	0,001	69,6	0,001	32,3733	0,09491	15,8688	0,75349	10,9283	0,75837	4,83484	0,90215	1,77799	0,82132
12.05.2019	146,102	0,001	135,739	0,001	97,5147	0,001	69,7164	0,001	32,7966	0,08522	16,1088	0,73585	10,1802	0,82074	4,54114	0,92442	1,77751	0,82141
13.05.2019	146,141	0,001	134,72	0,001	94,7463	0,001	69,7138	0,001	32,5084	0,09174	16,9296	0,67552	9,8542	0,84619	4,83356	0,90225	1,83702	0,80982
14.05.2019	146,193	0,001	135,024	0,001	95,66	0,001	69,9069	0,001	32,6098	0,08939	16,8394	0,68214	9,94111	0,83948	4,47828	0,92878	1,84333	0,80859
15.05.2019	146,549	0,001	126,992	0,001	97,0763	0,001	68,4583	0,001	32,4425	0,09329	17,2162	0,65445	10,0027	0,83473	4,70991	0,91198	1,98026	0,78605
16.05.2019	146,657	0,001	127,204	0,001	97,8905	0,001	68,8192	0,001	31,6899	0,11307	17,1859	0,65667	9,91528	0,84148	4,75572	0,90843	1,92729	0,79401
17.05.2019	147,366	0,001	122,827	0,001	98,1437	0,001	69,2433	0,001	32,0388	0,10349	17,1585	0,65869	10,2626	0,81395	4,75	0,90888	1,96609	0,78818
18.05.2019	147,641	0,001	120,631	0,001	98,2785	0,001	68,233	0,001	33,9301	0,06338	18,7304	0,54314	9,90583	0,8422	4,86848	0,8994	2,21578	0,75068
19.05.2019	147,824	0,001	119,182	0,001	98,4492	0,001	68,2403	0,001	33,6691	0,06793	18,7985	0,53814	10,2993	0,81092	5,01693	0,88654	2,23871	0,74723
20.05.2019	148,519	0,001	118,739	0,001	97,9137	0,001	68,3778	0,001	33,442	0,07211	19,1275	0,51396	9,70816	0,85691	4,77827	0,90666	2,26888	0,7427
21.05.2019	148,708	0,001	117,852	0,001	98,0521	0,001	66,9063	0,001	33,315	0,07452	20,5971	0,40593	9,73375	0,85508	5,28174	0,86249	2,50439	0,70733
22.05.2019	148,906	0,001	118,071	0,001	98,3666	0,001	67,5449	0,001	33,8373	0,06493	20,6606	0,40126	9,78549	0,85139	5,03707	0,8848	2,57038	0,69742
23.05.2019	149,209	0,001	117,392	0,001	97,7734	0,001	67,8126	0,001	34,0611	0,06119	20,5466	0,40964	9,83153	0,84794	4,93835	0,89335	2,53395	0,70289
24.05.2019	149,461	0,001	118,571	0,001	98,5404	0,001	66,7491	0,001	35,0164	0,04725	21,9344	0,30762	10,6117	0,78491	5,1353	0,87629	2,82468	0,65922
25.05.2019	149,602	0,001	118,037	0,001	98,5515	0,001	66,101	0,001	37,3311	0,02448	22,8257	0,2421	10,2802	0,81249	5,17425	0,87271	2,96322	0,63842
26.05.2019	149,85	0,001	118,342	0,001	97,8403	0,001	66,6048	0,001	35,9487	0,03643	21,7786	0,31908	10,839	0,76585	4,7464	0,90917	2,92306	0,64445
27.05.2019	150,079	0,001	118,568	0,001	97,7578	0,001	66,5686	0,001	35,6145	0,03996	21,8469	0,31406	11,742	0,69015	4,24891	0,94349	2,80615	0,66201
28.05.2019	150,287	0,001	118,718	0,001	97,6868	0,001	66,5442	0,001	35,9125	0,03682	21,3084	0,35364	11,9201	0,67522	4,35321	0,93704	2,63014	0,68844
29.05.2019	150,428	0,001	118,901	0,001	98,3329	0,001	66,706	0,001	34,4059	0,05578	21,924	0,30839	11,8325	0,68257	4,53765	0,92467	2,74561	0,6711
30.05.2019	150,794	0,001	119,19	0,001	98,2854	0,001	66,5255	0,001	34,6194	0,05266	20,0162	0,44863	11,3606	0,72212	4,38398	0,93509	2,63773	0,6873
31.05.2019	150,474	0,001	119,186	0,001	97,4343	0,001	66,9802	0,001	34,3605	0,05648	19,5508	0,48283	12,0538	0,66401	4,2271	0,94481	2,56513	0,69821
1.06.2019	151,121	0,001	119,1	0,001	98,5949	0,001	66,8625	0,001	34,1229	0,06016	19,9075	0,45662	11,6724	0,69599	4,09457	0,9523	2,84469	0,65622
2.06.2019	151,126	0,001	118,826	0,001	98,6509	0,001	66,9142	0,001	33,0117	0,08064	19,2716	0,50336	11,4307	0,71625	4,19932	0,94642	2,782	0,66564
3.06.2019	151,454	0,001	119,34	0,001	99,1091	0,001	66,4755	0,001	31,9961	0,10466	17,404	0,64065	10,9634	0,75543	4,35953	0,93664	2,58333	0,69547
4.06.2019	151,441	0,001	119,404	0,001	99,0232	0,001	66,112	0,001	32,809	0,08495	16,5121	0,7062	10,7929	0,76972	4,16438	0,94843	2,34536	0,73122
5.06.2019	151,492	0,001	119,316	0,001	99,3164	0,001	66,9354	0,001	32,833	0,08443	17,0677	0,66536	10,8632	0,76382	4,5478	0,92394	2,55699	0,69943
6.06.2019	151,748	0,001	119,664	0,001	99,5628	0,001	67,0557	0,001	33,1399	0,07802	16,6763	0,69413	11,0947	0,74442	4,61231	0,9193	2,689	0,6796
7.06.2019	151,985	0,001	119,859	0,001	99,4531	0,001	66,9049	0,001	32,9254	0,08247	16,6594	0,69537	11,1151	0,74271	4,6646	0,91543	2,66906	0,6826
8.06.2019	152,222	0,001	119,999	0,001	99,8253	0,001	67,0972	0,001	32,594	0,08974	16,6923	0,69296	11,276	0,72922	4,94898	0,89242	2,7664	0,66798
9.06.2019	152,549	0,001	120,18	0,001	99,7262	0,001	67,1373	0,001	32,935	0,08227	16,5621	0,70253	11,2161	0,73424	4,79048	0,9057	2,62821	0,68873
10.06.2019	152,772	0,001	120,144	0,001	100,117	0,001	67,5407	0,001	33,0032	0,08082	16,936	0,67505	11,6941	0,69417	5,09802	0,87952	2,80822	0,6617

11.06.2019	152,994	0,001	119,935	0,001	100,203	0,001	67,6184	0,001	33,2516	0,07577	17,0101	0,6696	11,9074	0,67629	5,12047	0,87757	2,88292	0,65048
12.06.2019	153,26	0,001	120,405	0,001	100,349	0,001	68,0115	0,001	33,2076	0,07666	18,3719	0,56949	11,4153	0,71754	5,56308	0,8347	3,04151	0,62666
13.06.2019	153,497	0,001	120,582	0,001	100,572	0,001	68,0175	0,001	33,3315	0,07421	19,1006	0,51593	11,1799	0,73728	5,57139	0,83385	3,07179	0,62211
14.06.2019	153,771	0,001	120,789	0,001	101,072	0,001	67,3699	0,001	33,3835	0,07322	17,8065	0,61105	11,0577	0,74752	5,17872	0,87229	2,90595	0,64702
15.06.2019	154,041	0,001	121,004	0,001	101,177	0,001	67,8691	0,001	33,2703	0,07539	17,5171	0,63233	11,3521	0,72284	4,94958	0,89237	2,87506	0,65166
16.06.2019	154,259	0,001	121,177	0,001	101,125	0,001	67,8279	0,001	33,1612	0,07759	17,4742	0,63548	11,3221	0,72535	4,80068	0,9049	2,7919	0,66415
17.06.2019	154,492	0,001	121,702	0,001	101,488	0,001	68,7986	0,001	33,0387	0,08006	18,3701	0,56963	10,7352	0,77456	5,08788	0,8804	2,95419	0,63977
18.06.2019	154,736	0,001	121,972	0,001	101,996	0,001	68,9381	0,001	33,1642	0,07753	18,6276	0,5507	10,5616	0,78911	5,10158	0,87921	3,08216	0,62055
19.06.2019	155,022	0,001	121,895	0,001	101,575	0,001	69,1366	0,001	33,2941	0,07492	19,031	0,52104	10,2541	0,81465	5,19609	0,87063	3,14027	0,61182
20.06.2019	155,247	0,001	122,004	0,001	101,443	0,001	69,4214	0,001	33,4559	0,07184	19,906	0,45673	10,0855	0,82833	5,338	0,85713	3,24335	0,59634
21.06.2019	155,594	0,001	120,803	0,001	100,602	0,001	69,4158	0,001	33,6333	0,06856	21,0475	0,37282	9,71367	0,85651	5,44728	0,8465	3,30737	0,58673
22.06.2019	156,067	0,001	121,237	0,001	99,1877	0,001	69,3459	0,001	33,5875	0,06938	20,3289	0,42564	9,82741	0,84826	4,84177	0,90159	3,31609	0,58542
23.06.2019	156,275	0,001	121,118	0,001	98,3517	0,001	69,2155	0,001	33,7337	0,06678	20,0842	0,44363	9,36526	0,88077	4,36312	0,93641	3,3206	0,58474
24.06.2019	156,507	0,001	121,545	0,001	97,3699	0,001	69,3548	0,001	34,2686	0,0579	20,6335	0,40325	9,27501	0,88658	4,12815	0,95049	3,35574	0,57946
25.06.2019	156,782	0,001	122,147	0,001	95,1474	0,001	68,6962	0,001	35,0809	0,0464	19,8738	0,45909	8,91957	0,90864	3,39134	0,98148	3,22128	0,59966
26.06.2019	157,052	0,001	121,819	0,001	93,6902	0,001	67,7763	0,001	31,1684	0,12783	18,6988	0,54546	7,91987	0,95557	3,49569	0,97824	3,0393	0,62699
27.06.2019	157,24	0,001	121,461	0,001	94,7391	0,001	68,1009	0,001	33,7566	0,06637	19,3019	0,50113	8,03949	0,95105	3,40625	0,98106	2,41501	0,72076
28.06.2019	157,508	0,001	121,468	0,001	91,0756	0,001	67,7612	0,001	32,752	0,08621	18,9852	0,52441	7,82958	0,95877	3,42857	0,98042	2,42827	0,71876
29.06.2019	247,236	0,001	155,152	0,001	89,9628	0,001	61,5685	0,001	40,2361	0,01023	16,5249	0,70527	7,84354	0,95828	3,75087	0,96877	2,4749	0,71176
30.06.2019	247,955	0,001	155,369	0,001	87,5295	0,001	62,7927	0,001	39,837	0,01174	16,0633	0,73919	7,75535	0,96129	3,77641	0,96767	1,97124	0,78741
1.07.2019	248,468	0,001	155,393	0,001	86,975	0,001	61,8782	0,001	40,5239	0,00949	15,9535	0,74727	7,95266	0,95436	3,7838	0,96736	2,13197	0,76327
2.07.2019	248,862	0,001	155,71	0,001	86,1364	0,001	63,0519	0,001	41,7804	0,00663	16,2551	0,72509	8,09483	0,94886	3,76513	0,96816	1,96871	0,78779
3.07.2019	249,808	0,001	155,901	0,001	84,4637	0,001	63,0566	0,001	40,3173	0,00996	16,1163	0,7353	7,67438	0,96394	3,77692	0,96765	1,95597	0,7897
4.07.2019	249,941	0,001	156,196	0,001	85,7946	0,001	62,0987	0,001	40,4301	0,0097	16,2032	0,72891	7,72264	0,96236	3,77411	0,96777	2,01839	0,78033
5.07.2019	250,877	0,001	156,479	0,001	84,4997	0,001	62,1556	0,001	40,6641	0,00917	16,3545	0,71779	7,70247	0,96302	3,78006	0,96752	1,96518	0,78832
6.07.2019	251,432	0,001	156,672	0,001	83,3537	0,001	62,7851	0,001	40,727	0,00903	16,3761	0,7162	7,76577	0,96095	3,78242	0,96742	1,96134	0,78889
7.07.2019	251,701	0,001	156,833	0,001	82,7968	0,001	62,4397	0,001	41,5014	0,00726	16,5754	0,70155	7,88258	0,95689	3,78972	0,9671	1,93245	0,79323
8.07.2019	251,656	0,001	157,231	0,001	81,2082	0,001	63,0353	0,001	41,5809	0,00708	16,6695	0,69463	7,78873	0,9602	3,80167	0,96659	1,91546	0,79579
9.07.2019	251,488	0,001	157,475	0,001	80,3659	0,001	63,1062	0,001	40,6311	0,00924	16,6276	0,69771	7,66307	0,96431	3,79679	0,9668	1,85202	0,80689
10.07.2019	251,871	0,001	157,576	0,001	80,0304	0,001	62,9962	0,001	39,8086	0,01185	16,5566	0,70294	7,49021	0,96949	3,79693	0,96679	1,84913	0,80746
11.07.2019	252,119	0,001	157,809	0,001	79,26	0,001	64,0722	0,001	41,4532	0,00737	16,5136	0,70609	7,61451	0,96581	3,80469	0,96646	1,89029	0,79957
12.07.2019	253,042	0,001	157,678	0,001	79,4034	0,001	62,3122	0,001	40,3725	0,00983	16,7186	0,69102	7,38648	0,97228	3,81433	0,96605	1,8586	0,80561
13.07.2019	254,007	0,001	157,221	0,001	80,6235	0,001	61,6401	0,001	38,1054	0,01951	16,4686	0,7094	7,24383	0,97591	3,84872	0,96454	1,86659	0,80405
14.07.2019	253,658	0,001	157,215	0,001	78,4576	0,001	63,0144	0,001	39,1946	0,01416	16,4864	0,70809	7,41305	0,97158	3,86037	0,964	1,87425	0,80256
15.07.2019	253,903	0,001	158,576	0,001	78,9209	0,001	63,8602	0,001	37,1537	0,02579	16,2028	0,72894	7,16271	0,97777	4,05522	0,95443	1,88216	0,80102
16.07.2019	254,003	0,001	158,308	0,001	79,2243	0,001	64,4039	0,001	38,3961	0,018	15,9398	0,74827	7,38025	0,97245	4,05656	0,95436	1,99867	0,78329
17.07.2019	255,387	0,001	158,632	0,001	78,9418	0,001	64,0759	0,001	39,5144	0,01295	16,2306	0,7269	7,45733	0,97041	3,9629	0,95914	1,9004	0,79805
18.07.2019	256,268	0,001	158,837	0,001	79,5211	0,001	64,3213	0,001	38,4571	0,01768	16,2759	0,72357	7,38439	0,97234	3,94619	0,95999	1,86972	0,80344
19.07.2019	256,236	0,001	158,766	0,001	79,3268	0,001	64,1741	0,001	38,1398	0,01933	16,3829	0,7157	7,37666	0,97254	3,92955	0,96076	1,87458	0,8025
20.07.2019	256,224	0,001	159,207	0,001	79,5141	0,001	62,7526	0,001	37,6825	0,02216	16,3704	0,71662	7,27848	0,97512	3,95062	0,95976	1,87494	0,80243
[illegible]																		

21.07.2019	256,62	0,001	159,236	0,001	79,8246	0,001	62,9245	0,001	37,0084	0,02694	16,3842	0,7156	7,33863	0,97355	3,96913	0,95882	1,87913	0,80161
22.07.2019	257,004	0,001	159,006	0,001	79,77	0,001	62,7003	0,001	36,6759	0,02959	16,4046	0,71411	7,2447	0,97589	3,99196	0,95767	1,88649	0,80018
23.07.2019	257,409	0,001	159,346	0,001	79,81	0,001	62,9663	0,001	36,7964	0,02863	16,3689	0,71673	7,36397	0,97288	4,01571	0,95647	1,87738	0,80195
24.07.2019	257,753	0,001	159,65	0,001	79,7584	0,001	62,9718	0,001	37,1328	0,02595	16,2722	0,72384	7,57505	0,96698	4,03221	0,95563	1,87753	0,80192
25.07.2019	258,19	0,001	159,907	0,001	79,8189	0,001	63,059	0,001	37,1481	0,02583	16,2291	0,727	7,55012	0,96771	4,03865	0,95531	1,87723	0,80198
26.07.2019	258,621	0,001	160,052	0,001	80,0447	0,001	63,0574	0,001	36,8916	0,02787	16,1204	0,735	7,5267	0,96841	4,0504	0,95469	1,88093	0,80126
27.07.2019	258,983	0,001	160,218	0,001	80,1674	0,001	63,302	0,001	37,0456	0,02665	16,1341	0,73399	7,51136	0,96886	4,06071	0,95413	1,88667	0,80014
28.07.2019	259,364	0,001	160,492	0,001	80,237	0,001	63,3732	0,001	37,1336	0,02595	16,1172	0,73523	7,50179	0,96914	4,06503	0,9539	1,88959	0,79967
29.07.2019	259,755	0,001	160,728	0,001	80,3257	0,001	63,668	0,001	37,2928	0,02474	16,0898	0,73725	7,54471	0,96787	4,07047	0,95361	1,90007	0,7981
30.07.2019	260,051	0,001	160,957	0,001	80,212	0,001	63,7761	0,001	37,6134	0,02262	16,1612	0,732	7,5756	0,96696	4,05978	0,95418	1,91544	0,79579
31.07.2019	260,396	0,001	161,082	0,001	80,3092	0,001	63,836	0,001	37,8502	0,02106	16,2042	0,72884	7,61701	0,96574	4,05157	0,95463	1,90196	0,79781
1.08.2019	260,745	0,001	161,26	0,001	80,4296	0,001	63,5756	0,001	37,7713	0,02158	16,3081	0,7212	7,53414	0,96819	4,04013	0,95523	1,89513	0,79884
2.08.2019	260,97	0,001	161,314	0,001	80,0688	0,001	63,9043	0,001	37,8522	0,02105	16,3347	0,71924	7,49888	0,96923	4,03846	0,95532	1,91585	0,79573
3.08.2019	261,085	0,001	161,407	0,001	79,8523	0,001	63,7767	0,001	37,9261	0,02056	16,3487	0,71821	7,51421	0,96878	4,04555	0,95495	1,93429	0,79296
4.08.2019	261,127	0,001	161,548	0,001	79,2236	0,001	63,9535	0,001	38,4212	0,01786	16,349	0,71819	7,60783	0,96601	4,03106	0,95569	1,96639	0,78814
5.08.2019	261,734	0,001	161,446	0,001	78,9953	0,001	63,9625	0,001	38,1134	0,01947	16,3695	0,71669	7,48792	0,96955	4,04579	0,95494	1,98612	0,78517
6.08.2019	261,932	0,001	161,811	0,001	78,9207	0,001	63,5339	0,001	38,7287	0,01627	16,395	0,71481	7,54838	0,96777	4,03391	0,95555	2,01821	0,78035
7.08.2019	262,479	0,001	161,818	0,001	78,6905	0,001	62,2437	0,001	38,3554	0,01821	16,3217	0,7202	7,35803	0,97303	4,04043	0,95522	1,96758	0,78796
8.08.2019	262,859	0,001	162,125	0,001	79,5357	0,001	60,5767	0,001	37,6034	0,02269	16,2326	0,72675	7,3051	0,97443	4,03874	0,9553	1,91426	0,79597
9.08.2019	263,192	0,001	162,254	0,001	79,1588	0,001	61,1529	0,001	36,6342	0,02992	16,3019	0,72166	7,16607	0,97769	4,05927	0,95421	1,94825	0,79086
10.08.2019	264,355	0,001	162,405	0,001	79,2694	0,001	60,3275	0,001	36,9782	0,02718	16,3379	0,71901	7,45542	0,97046	4,05947	0,9542	1,94163	0,79186
11.08.2019	264,745	0,001	162,689	0,001	79,4637	0,001	60,599	0,001	36,8335	0,02833	16,3718	0,71652	7,4673	0,97015	4,07357	0,95344	1,9291	0,79374
12.08.2019	265,072	0,001	162,886	0,001	79,7013	0,001	60,364	0,001	35,469	0,04168	16,3695	0,71669	7,36759	0,97278	4,08097	0,95304	1,92754	0,79397
13.08.2019	265,332	0,001	163,019	0,001	79,8965	0,001	60,5478	0,001	34,4681	0,05483	16,2915	0,72242	7,34402	0,9734	4,10999	0,95147	1,93545	0,79278
14.08.2019	265,851	0,001	163,156	0,001	79,8459	0,001	61,4871	0,001	35,1881	0,045	16,2862	0,72281	7,49913	0,96922	4,1251	0,95065	2,00692	0,78205
15.08.2019	266,106	0,001	163,489	0,001	79,9639	0,001	61,1757	0,001	35,3497	0,04309	16,3286	0,71969	7,42587	0,97124	4,12866	0,95046	1,96249	0,78872
16.08.2019	266,588	0,001	163,707	0,001	80,101	0,001	61,4426	0,001	35,2231	0,04459	16,3228	0,72012	7,3904	0,97218	4,14185	0,94973	1,9769	0,78656
17.08.2019	267,082	0,001	163,98	0,001	80,1687	0,001	61,2059	0,001	35,3348	0,04327	16,3603	0,71737	7,37039	0,97271	4,1409	0,94979	2,00965	0,78164
18.08.2019	267,404	0,001	164,232	0,001	80,237	0,001	60,8467	0,001	35,8185	0,03781	16,3646	0,71704	7,47079	0,97005	4,13352	0,9502	1,99769	0,78343
19.08.2019	267,868	0,001	164,484	0,001	80,3552	0,001	60,7257	0,001	35,4177	0,04228	16,3796	0,71594	7,35629	0,97308	4,13727	0,95	1,9908	0,78447
20.08.2019	268,25	0,001	164,71	0,001	80,4745	0,001	61,1054	0,001	34,6324	0,05248	16,4186	0,71307	7,32584	0,97388	4,15411	0,94902	2,01155	0,78135
21.08.2019	268,65	0,001	164,854	0,001	80,583	0,001	61,0906	0,001	34,9851	0,04766	16,4332	0,71201	7,42416	0,97129	4,16595	0,94834	2,04911	0,77571
22.08.2019	269,054	0,001	165,201	0,001	80,6803	0,001	60,8857	0,001	35,2949	0,04374	16,4599	0,71004	7,48588	0,96961	4,16697	0,94828	2,04525	0,77629
23.08.2019	269,44	0,001	165,431	0,001	80,7949	0,001	61,2555	0,001	34,8124	0,04991	16,4443	0,71119	7,45904	0,97036	4,17692	0,94771	2,04387	0,7765
24.08.2019	269,876	0,001	165,673	0,001	80,9055	0,001	61,2713	0,001	34,8034	0,05003	16,449	0,71084	7,48556	0,96962	4,18462	0,94727	2,09383	0,769
25.08.2019	270,228	0,001	165,898	0,001	81,0083	0,001	61,4693	0,001	35,0733	0,0465	16,4813	0,70847	7,52786	0,96837	4,19263	0,9468	2,10336	0,76756
26.08.2019	270,637	0,001	166,155	0,001	81,1347	0,001	61,6476	0,001	34,9951	0,04752	16,4959	0,70739	7,4832	0,96969	4,20723	0,94596	2,10578	0,7672
27.08.2019	271,104	0,001	166,41	0,001	81,2717	0,001	61,6872	0,001	34,6605	0,05208	16,4774	0,70875	7,45847	0,97038	4,22404	0,94499	2,12597	0,76417
28.08.2019	271,494	0,001	166,645	0,001	81,29	0,001	62,2686	0,001	34,7865	0,05028	16,4381	0,71164	7,49447	0,96936	4,25516	0,94311	2,23285	0,74812
29.08.2019	271,876	0,001	166,912	0,001	81,2825	0,001	62,5864	0,001	35,3269	0,04336	16,3898	0,71519	7,57489	0,96698	4,2727	0,94205	2,35178	0,73025

30.08.2019	272,433	0,001	167,134	0,001	81,4301	0,001	62,4936	0,001	35,4059	0,04242	16,4147	0,71336	7,56455	0,96729	4,27897	0,94167	2,3262	0,73409
31.08.2019	273,393	0,001	167,293	0,001	81,3795	0,001	62,7156	0,001	35,7361	0,03868	16,4008	0,71439	7,61177	0,96589	4,28723	0,94117	2,42611	0,71909
1.09.2019	273,701	0,001	167,494	0,001	81,3175	0,001	62,4463	0,001	36,1901	0,03402	16,4522	0,71061	7,6341	0,96523	4,28086	0,94156	2,42627	0,71906
2.09.2019	274,129	0,001	167,313	0,001	81,3807	0,001	62,081	0,001	36,0787	0,03506	16,3824	0,71573	7,54088	0,96799	4,2784	0,9417	2,39688	0,72348
3.09.2019	274,295	0,001	167,263	0,001	81,3616	0,001	62,3072	0,001	35,9739	0,03617	16,4109	0,71364	7,53848	0,96806	4,28369	0,94139	2,42852	0,71873
4.09.2019	274,265	0,001	167,25	0,001	81,2232	0,001	62,3377	0,001	35,9977	0,03592	16,4158	0,71328	7,55602	0,96754	4,29556	0,94067	2,49604	0,70859
5.09.2019	274,648	0,001	167,355	0,001	81,5544	0,001	61,3871	0,001	35,4389	0,04203	16,4013	0,71435	7,46817	0,97012	4,30607	0,94003	2,43038	0,71845
6.09.2019	170,838	0,001	123,607	0,001	79,2861	0,001	73,831	0,001	28,5655	0,24299	16,2465	0,72573	7,96274	0,95398	3,87311	0,9634	2,44963	0,71556
7.09.2019	171,048	0,001	123,758	0,001	78,4727	0,001	74,0441	0,001	28,3764	0,25559	16,2305	0,72691	7,99121	0,95289	3,8757	0,96328	2,44969	0,71555
8.09.2019	171,174	0,001	123,913	0,001	78,5192	0,001	74,2177	0,001	28,328	0,25883	16,1853	0,73023	8,06404	0,95011	3,87923	0,96312	2,44775	0,71584
9.09.2019	171,219	0,001	123,967	0,001	78,2441	0,001	74,3106	0,001	27,961	0,28329	16,1445	0,73323	8,0936	0,94891	3,88839	0,96269	2,46413	0,71338
10.09.2019	171,437	0,001	124,127	0,001	78,493	0,001	74,4391	0,001	28,2462	0,26428	16,1233	0,73478	8,11955	0,94785	3,89005	0,96261	2,46259	0,71361
11.09.2019	171,515	0,001	124,453	0,001	78,5498	0,001	74,2329	0,001	28,7994	0,22739	16,1129	0,73555	8,15407	0,94644	3,89725	0,96227	2,51714	0,70542
12.09.2019	171,468	0,001	124,617	0,001	78,3075	0,001	74,2195	0,001	28,663	0,23649	16,1236	0,73476	8,12532	0,94762	3,90399	0,96196	2,53355	0,70295
13.09.2019	171,563	0,001	124,798	0,001	77,8713	0,001	74,3077	0,001	28,5834	0,24179	16,1452	0,73317	8,13168	0,94736	3,90621	0,96185	2,54349	0,70146
14.09.2019	171,53	0,001	125,044	0,001	77,3005	0,001	74,5273	0,001	28,5643	0,24307	16,1126	0,73557	8,14833	0,94668	3,91147	0,96161	2,56465	0,69828
15.09.2019	171,414	0,001	125,216	0,001	77,7708	0,001	74,5486	0,001	28,708	0,23348	16,0188	0,74247	8,17563	0,94556	3,91583	0,9614	2,59521	0,69369
16.09.2019	171,287	0,001	125,304	0,001	77,8534	0,001	74,7241	0,001	28,8869	0,22156	15,9923	0,74442	8,18863	0,94503	3,91798	0,9613	2,60178	0,6927
17.09.2019	171,805	0,001	125,211	0,001	77,1032	0,001	75,0068	0,001	28,7479	0,23083	16,0102	0,7431	8,17172	0,94572	3,9142	0,96148	2,57878	0,69616
18.09.2019	172,336	0,001	124,748	0,001	76,9216	0,001	75,0876	0,001	28,5385	0,24479	16,1254	0,73463	8,18605	0,94514	3,91884	0,96126	2,49641	0,70853
19.09.2019	172,118	0,001	125,032	0,001	77,4279	0,001	75,1594	0,001	28,7258	0,2323	16,1061	0,73605	8,13868	0,94707	3,93761	0,96039	2,54631	0,70104
20.09.2019	172,159	0,001	125,524	0,001	76,6633	0,001	74,8637	0,001	28,5911	0,24128	16,0076	0,74329	8,14522	0,9468	3,94578	0,96001	2,54381	0,70141
21.09.2019	172,194	0,001	125,544	0,001	76,8389	0,001	74,3963	0,001	28,6734	0,23579	16,0386	0,74101	8,18762	0,94507	3,95291	0,95965	2,56015	0,69896
22.09.2019	172,011	0,001	125,659	0,001	77,1627	0,001	74,6844	0,001	28,7429	0,23116	15,9492	0,74758	8,19272	0,94486	3,984	0,95807	2,58609	0,69506
23.09.2019	171,92	0,001	125,76	0,001	77,7402	0,001	75,4372	0,001	28,1846	0,26838	15,5543	0,77661	8,1464	0,94676	4,00934	0,95679	2,63617	0,68754
24.09.2019	172,028	0,001	125,964	0,001	78,9557	0,001	75,1106	0,001	29,1618	0,20323	15,2454	0,79931	8,19271	0,94486	4,03199	0,95564	2,71128	0,67626
25.09.2019	172,02	0,001	125,937	0,001	78,8786	0,001	75,7864	0,001	29,2002	0,20067	15,1085	0,80888	8,18218	0,94529	4,04542	0,95496	2,69673	0,67844
26.09.2019	171,884	0,001	125,969	0,001	79,208	0,001	75,886	0,001	29,5262	0,18687	14,993	0,81692	8,20714	0,94423	4,05207	0,9546	2,70976	0,67649
27.09.2019	171,805	0,001	125,821	0,001	79,0891	0,001	75,8499	0,001	29,4961	0,18812	15,0108	0,81569	8,13743	0,94712	4,05546	0,95442	2,72503	0,67419
28.09.2019	171,75	0,001	126,076	0,001	79,283	0,001	76,0936	0,001	29,4062	0,19186	14,946	0,82019	8,1129	0,94812	4,06153	0,95409	2,7364	0,67248
29.09.2019	172,002	0,001	126,255	0,001	79,2031	0,001	75,8731	0,001	29,6814	0,18042	14,9792	0,81789	8,14557	0,94679	4,06737	0,95377	2,74652	0,67096
30.09.2019	172,171	0,001	126,418	0,001	78,8821	0,001	75,9253	0,001	29,6622	0,18122	15,015	0,81539	8,13467	0,94723	4,07385	0,95342	2,749	0,67059
1.10.2019	172,348	0,001	126,615	0,001	78,8213	0,001	75,9227	0,001	29,6454	0,18192	15,0227	0,81485	8,16105	0,94616	4,08031	0,95308	2,75163	0,6702
2.10.2019	172,583	0,001	126,781	0,001	78,7485	0,001	75,8759	0,001	29,5732	0,18492	14,9904	0,81711	8,15604	0,94636	4,0858	0,95278	2,75734	0,66934
3.10.2019	172,812	0,001	126,947	0,001	78,9912	0,001	76,012	0,001	29,5984	0,18387	14,9518	0,81979	8,18369	0,94523	4,09117	0,95249	2,75997	0,66894
4.10.2019	173,043	0,001	127,102	0,001	78,7452	0,001	76,1041	0,001	29,5904	0,18421	14,9316	0,8212	8,20328	0,9444	4,09693	0,95218	2,76334	0,66844
5.10.2019	173,226	0,001	127,263	0,001	78,9835	0,001	76,289	0,001	29,4597	0,18964	14,7937	0,83042	8,19137	0,94491	4,10081	0,95197	2,76573	0,66808
6.10.2019	173,529	0,001	127,427	0,001	78,86	0,001	76,0781	0,001	29,7518	0,1775	14,9339	0,82104	8,24482	0,94259	4,1082	0,95157	2,77111	0,66727
7.10.2019	173,712	0,001	127,613	0,001	78,5849	0,001	75,8249	0,001	29,5783	0,18471	14,881	0,82472	8,22883	0,94329	4,11343	0,95128	2,77073	0,66733
8.10.2019	173,97	0,001	127,79	0,001	78,6597	0,001	75,4344	0,001	29,7227	0,17871	15,024	0,81477	8,27573	0,94125	4,11957	0,95095	2,77563	0,66659

8.10.2019	173,97	0,001	127,79	0,001	78,6597	0,001	75,4344	0,001	29,7227	0,17871	15,024	0,81477	8,27573	0,94125	4,11957	0,95095	2,77563	0,66659
9.10.2019	174,157	0,001	127,949	0,001	78,1979	0,001	74,5891	0,001	29,2742	0,19734	15,1799	0,80391	8,18693	0,9451	4,12448	0,95069	2,7697	0,66748
10.10.2019	174,37	0,001	128,124	0,001	78,5134	0,001	75,1022	0,001	29,1011	0,20727	15,0915	0,81007	8,1835	0,94524	4,13045	0,95036	2,77615	0,66651
11.10.2019	174,747	0,001	128,322	0,001	78,664	0,001	74,5687	0,001	29,4032	0,19198	15,0449	0,81331	8,25868	0,94199	4,13646	0,95004	2,78408	0,66532
12.10.2019	174,96	0,001	128,49	0,001	78,5603	0,001	74,4277	0,001	29,2933	0,19655	15,0935	0,80993	8,24554	0,94256	4,14202	0,94972	2,77892	0,6661
13.10.2019	175,197	0,001	128,599	0,001	78,3733	0,001	73,9208	0,001	28,9401	0,21801	15,2096	0,80185	8,24466	0,9426	4,14481	0,94956	2,75947	0,66902
14.10.2019	175,457	0,001	128,762	0,001	78,4897	0,001	73,9018	0,001	28,7783	0,2288	15,1195	0,80812	8,21582	0,94385	4,15258	0,94911	2,76615	0,66802
15.10.2019	175,687	0,001	128,935	0,001	78,5351	0,001	74,082	0,001	28,6941	0,23441	15,1377	0,80685	8,19118	0,94492	4,16014	0,94868	2,76383	0,66837
16.10.2019	175,912	0,001	129,213	0,001	78,7473	0,001	73,8465	0,001	28,9026	0,22051	15,1308	0,80733	8,25113	0,94232	4,16693	0,94829	2,77282	0,66701
17.10.2019	176,151	0,001	129,377	0,001	78,6183	0,001	73,4884	0,001	28,7864	0,22826	15,1431	0,80647	8,22309	0,94354	4,17225	0,94798	2,7493	0,67055
18.10.2019	176,391	0,001	129,539	0,001	78,7797	0,001	73,6291	0,001	28,7993	0,2274	15,1306	0,80735	8,25479	0,94216	4,17843	0,94762	2,76057	0,66885
19.10.2019	176,629	0,001	129,693	0,001	78,877	0,001	73,2971	0,001	28,9011	0,22061	15,2459	0,79928	8,28654	0,94078	4,18165	0,94744	2,75966	0,66899
20.10.2019	176,859	0,001	129,628	0,001	78,995	0,001	73,3301	0,001	28,8427	0,2245	15,2503	0,79895	8,2734	0,94135	4,18754	0,9471	2,76821	0,66771
21.10.2019	177,092	0,001	129,863	0,001	79,0659	0,001	73,4776	0,001	28,7813	0,2286	15,2335	0,80018	8,28442	0,94088	4,1935	0,94675	2,7757	0,66658
22.10.2019	177,296	0,001	130,143	0,001	78,9817	0,001	73,8162	0,001	28,6074	0,24019	15,0574	0,81244	8,24317	0,94267	4,19692	0,94656	2,77955	0,666
23.10.2019	177,515	0,001	130,346	0,001	79,2382	0,001	74,1555	0,001	28,9618	0,21656	14,9589	0,8193	8,33254	0,93872	4,20074	0,94634	2,80671	0,66192
24.10.2019	177,811	0,001	130,506	0,001	79,4035	0,001	73,2219	0,001	29,3216	0,19537	15,3709	0,79009	8,44013	0,93376	4,21096	0,94575	2,80049	0,66286
25.10.2019	178,009	0,001	130,311	0,001	79,5044	0,001	72,4028	0,001	29,1965	0,20091	15,5513	0,77683	8,41649	0,93489	4,21254	0,94566	2,79182	0,66416
26.10.2019	178,233	0,001	129,712	0,001	79,6757	0,001	71,5524	0,001	29,0502	0,21067	15,6758	0,76768	8,3886	0,93616	4,21284	0,94564	2,81499	0,66068
27.10.2019	178,452	0,001	129,413	0,001	79,7715	0,001	71,5123	0,001	28,7022	0,23387	15,6672	0,76831	8,40186	0,93556	4,21808	0,94534	2,82309	0,65946
28.10.2019	178,37	0,001	130,187	0,001	79,7166	0,001	71,55	0,001	28,5292	0,2454	15,7666	0,76101	8,43498	0,934	4,21918	0,94527	2,82052	0,65985
29.10.2019	178,497	0,001	130,497	0,001	79,7551	0,001	71,9571	0,001	28,0627	0,27651	15,7058	0,76547	8,43034	0,93422	4,22367	0,94501	2,80954	0,6615
30.10.2019	178,704	0,001	130,663	0,001	79,8775	0,001	72,2722	0,001	28,2315	0,26525	15,761	0,76141	8,45363	0,93311	4,22939	0,94467	2,81342	0,66092
31.10.2019	178,925	0,001	130,933	0,001	80,0253	0,001	71,7627	0,001	28,3858	0,25497	15,7664	0,76102	8,47838	0,93193	4,23794	0,94415	2,80493	0,66219
1.11.2019	179,156	0,001	131,103	0,001	80,1291	0,001	71,6031	0,001	28,3698	0,25604	15,828	0,75649	8,51955	0,92996	4,24782	0,94355	2,79726	0,66334
2.11.2019	179,207	0,001	131,273	0,001	80,2219	0,001	71,4955	0,001	28,1405	0,27132	15,832	0,7562	8,51744	0,93006	4,2574	0,94297	2,78763	0,66479
3.11.2019	179,446	0,001	131,358	0,001	80,3279	0,001	71,3558	0,001	28,264	0,26309	15,9508	0,74747	8,52427	0,92972	4,26016	0,94281	2,7913	0,66424
4.11.2019	179,653	0,001	131,554	0,001	80,4291	0,001	71,371	0,001	28,1052	0,27368	15,9401	0,74825	8,5441	0,92873	4,26939	0,94225	2,76969	0,66748
5.11.2019	179,904	0,001	131,763	0,001	80,5326	0,001	71,4726	0,001	28,2321	0,26521	15,9747	0,74571	8,59013	0,92642	4,27717	0,94178	2,76173	0,66868

Trace Test Stat																		
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8		Lag Length
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	
7.09.2018	408,198	0,001	276,877	0,001	147,588	0,00133	89,4206	0,12602	53,7174	0,49418	35,2067	0,46479	17,3241	0,63027	5,83017	0,72659	0,72779	0,54772	2
8.09.2018	408,872	0,001	277,163	0,001	147,641	0,0013	89,3592	0,12712	53,843	0,48925	35,2348	0,46342	17,3383	0,62936	5,83644	0,72597	0,74954	0,53945	2
9.09.2018	409,318	0,001	277,27	0,001	147,777	0,00124	89,356	0,12718	54,0027	0,48298	35,4082	0,45499	17,4602	0,62151	5,91334	0,71842	0,77037	0,53153	2
10.09.2018	410,321	0,001	277,962	0,001	148,082	0,00109	89,5003	0,12465	54,2258	0,47422	35,5858	0,44636	17,5418	0,61626	5,97175	0,71269	0,80027	0,52016	2
11.09.2018	410,938	0,001	278,119	0,001	147,792	0,00123	89,0352	0,13292	54,3222	0,47044	35,6659	0,44246	17,5487	0,61581	6,00089	0,70982	0,77347	0,53035	2
12.09.2018	411,157	0,001	278,057	0,001	147,519	0,00136	88,7049	0,13884	54,2657	0,47266	35,5917	0,44607	17,5523	0,61559	5,99262	0,71064	0,80656	0,51777	2
13.09.2018	412,123	0,001	278,942	0,001	147,968	0,00114	89,0492	0,13267	54,2827	0,47199	35,6565	0,44292	17,6774	0,60754	6,05408	0,7046	0,83937	0,5053	2
14.09.2018	413,27	0,001	279,812	0,001	148,478	0,001	89,4136	0,12615	54,4649	0,46484	35,7553	0,43811	17,69	0,60673	5,96607	0,71324	0,72289	0,54958	2
15.09.2018	413,7	0,001	280,428	0,001	148,781	0,001	89,5771	0,12348	54,5653	0,4609	35,8042	0,43573	17,7726	0,60141	6,00758	0,70917	0,77608	0,52936	2
16.09.2018	414,508	0,001	280,834	0,001	148,897	0,001	89,4934	0,12476	54,731	0,45439	36,0627	0,42317	17,8502	0,59642	6,04212	0,70577	0,79447	0,52236	2
17.09.2018	415,387	0,001	281,214	0,001	148,908	0,001	89,3989	0,12641	54,8262	0,45066	36,0355	0,42449	17,8308	0,59767	6,01568	0,70837	0,82021	0,51258	2
18.09.2018	416,1	0,001	281,563	0,001	148,938	0,001	89,4641	0,12524	54,8531	0,4496	36,0453	0,42401	17,9317	0,59117	6,04574	0,70542	0,86658	0,49495	2
19.09.2018	416,86	0,001	281,978	0,001	149,066	0,001	89,5488	0,12391	54,9084	0,44743	36,079	0,42237	17,9952	0,58708	6,06945	0,70309	0,85283	0,50018	2
20.09.2018	417,217	0,001	281,93	0,001	148,676	0,001	89,6803	0,12189	54,8278	0,45059	35,9432	0,42897	18,1814	0,57511	6,14694	0,69548	0,8519	0,50053	2
21.09.2018	417,393	0,001	281,722	0,001	148,214	0,00103	89,5183	0,12438	54,5123	0,46298	35,6665	0,44243	18,2511	0,57062	6,13208	0,69694	0,89671	0,4835	2
22.09.2018	416,967	0,001	280,942	0,001	147,983	0,00114	89,3911	0,12655	54,3211	0,47048	35,4404	0,45343	18,2494	0,57073	6,08307	0,70175	0,8672	0,49471	2
23.09.2018	419,719	0,001	282,592	0,001	148,254	0,00101	88,9469	0,1345	54,1399	0,47759	35,2726	0,46159	18,2448	0,57102	6,11421	0,69869	0,78605	0,52557	2
24.09.2018	416,555	0,001	280,871	0,001	147,607	0,00132	88,1612	0,14857	53,493	0,50298	34,5929	0,49464	17,9107	0,59252	5,86894	0,72278	0,6552	0,57531	2
25.09.2018	414,222	0,001	277,908	0,001	147,369	0,00143	88,0835	0,14996	53,5442	0,50098	34,5918	0,49469	17,9481	0,59011	5,74027	0,73542	0,56044	0,61134	2
26.09.2018	412,614	0,001	275,913	0,001	147,551	0,00134	88,1883	0,14808	53,4038	0,50648	34,4197	0,50306	17,9437	0,5904	5,8586	0,7238	0,68594	0,56363	2
27.09.2018	413,84	0,001	276,819	0,001	148,142	0,00106	88,5049	0,14242	53,5903	0,49916	34,5597	0,49625	18,0147	0,58583	5,91515	0,71824	0,66042	0,57333	2
28.09.2018	413,145	0,001	275,798	0,001	148,233	0,00102	88,4659	0,14311	53,4735	0,50375	34,3951	0,50425	17,9746	0,58841	5,88344	0,72136	0,65339	0,576	2
29.09.2018	412,876	0,001	275,276	0,001	148,379	0,001	88,5832	0,14101	53,484	0,50333	34,3493	0,50648	18,0902	0,58097	5,85788	0,72387	0,66935	0,56993	2
30.09.2018	413,7	0,001	275,824	0,001	148,629	0,001	88,6883	0,13913	53,6312	0,49756	34,4484	0,50166	18,1444	0,57749	5,86898	0,72278	0,67569	0,56753	2
1.10.2018	413,91	0,001	275,737	0,001	148,728	0,001	88,6514	0,13979	53,5686	0,50002	34,3365	0,50711	18,1749	0,57552	5,90087	0,71965	0,70502	0,55637	2
2.10.2018	413,499	0,001	275,392	0,001	149,185	0,001	88,9066	0,13523	53,5779	0,49965	34,2996	0,5089	18,0421	0,58407	5,79807	0,72974	0,57106	0,6073	2
3.10.2018	413,325	0,001	274,828	0,001	149,551	0,001	89,2626	0,12885	53,9241	0,48606	34,5942	0,49458	18,1328	0,57823	5,8514	0,7245	0,58583	0,60169	2
4.10.2018	413,794	0,001	275,06	0,001	149,945	0,001	89,4968	0,12471	54,1815	0,47596	34,8013	0,4845	18,2724	0,56925	5,96742	0,71311	0,66289	0,57239	2
5.10.2018	414,674	0,001	275,655	0,001	150,404	0,001	89,837	0,11949	54,2714	0,47243	34,8415	0,48255	18,2609	0,56999	5,94572	0,71524	0,62833	0,58553	2
6.10.2018	415,107	0,001	275,857	0,001	150,874	0,001	90,0591	0,11609	54,5457	0,46167	35,0643	0,47172	18,315	0,56651	6,0074	0,70918	0,66803	0,57044	2
7.10.2018	416,826	0,001	277,231	0,001	151,505	0,001	90,5182	0,10905	54,8715	0,44888	35,3398	0,45832	18,3779	0,56246	6,06412	0,70361	0,66955	0,56986	2
8.10.2018	417,284	0,001	277,35	0,001	151,641	0,001	90,4693	0,1098	54,8933	0,44802	35,3118	0,45968	18,4489	0,55789	6,12121	0,69801	0,74104	0,54268	2
9.10.2018	417,626	0,001	277,332	0,001	151,738	0,001	90,4274	0,11044	54,9512	0,44575	35,3291	0,45884	18,4783	0,556	6,12659	0,69748	0,76263	0,53447	2
10.10.2018	469,488	0,001	303,15	0,001	192,543	0,001	123,503	0,001	66,4891	0,08957	35,4779	0,4516	18,562	0,55061	6,00739	0,70919	0,55465	0,61354	3
11.10.2018	469,006	0,001	302,255	0,001	192,884	0,001	123,678	0,001	66,7663	0,08551	35,6686	0,44233	18,5772	0,54964	5,98611	0,71128	0,59111	0,59968	3
12.10.2018	470,873	0,001	303,8	0,001	193,737	0,001	124,365	0,001	67,2323	0,07904	35,9968	0,42637	18,7538	0,53827	6,08585	0,70148	0,61008	0,59247	3
13.10.2018	472,076	0,001	304,445	0,001	194,2	0,001	124,652	0,001	67,3989	0,07683	36,1524	0,4188	18,8252	0,53368	6,1394	0,69622	0,68361	0,56451	3

14.10.2018	473,244	0,001	305,154	0,001	194,8	0,001	125,099	0,001	67,7265	0,07263	36,3933	0,40709	18,9244	0,52729	6,21628	0,68867	0,70907	0,55483	3
15.10.2018	474,398	0,001	305,902	0,001	195,169	0,001	125,302	0,001	67,7671	0,07212	36,3292	0,41021	18,8852	0,52982	6,14439	0,69573	0,63001	0,58489	3
16.10.2018	475,172	0,001	306,367	0,001	195,455	0,001	125,433	0,001	67,7819	0,07193	36,2834	0,41243	18,9245	0,52729	6,15591	0,6946	0,6871	0,56318	3
17.10.2018	476,017	0,001	306,939	0,001	195,634	0,001	125,437	0,001	67,6934	0,07304	36,1652	0,41818	18,92	0,52758	6,13956	0,6962	0,65479	0,57547	3
18.10.2018	476,776	0,001	307,381	0,001	195,867	0,001	125,452	0,001	67,566	0,07464	35,9493	0,42868	18,8815	0,53005	6,07848	0,7022	0,61338	0,59121	3
19.10.2018	477,704	0,001	307,836	0,001	196,189	0,001	125,602	0,001	67,5747	0,07453	35,865	0,43278	18,8508	0,53203	6,00887	0,70904	0,58086	0,60358	3
20.10.2018	478,542	0,001	308,265	0,001	196,494	0,001	125,767	0,001	67,6607	0,07345	35,8649	0,43278	18,8431	0,53252	5,98759	0,71113	0,58767	0,60099	3
21.10.2018	479,379	0,001	308,695	0,001	196,86	0,001	125,974	0,001	67,7245	0,07265	35,866	0,43273	18,868	0,53092	5,98199	0,71168	0,59579	0,5979	3
22.10.2018	480,389	0,001	309,313	0,001	197,254	0,001	126,202	0,001	67,8241	0,0714	35,9051	0,43083	18,8906	0,52947	5,9877	0,71112	0,60103	0,59591	3
23.10.2018	481,327	0,001	309,878	0,001	197,662	0,001	126,443	0,001	67,9081	0,07035	35,8857	0,43177	18,9226	0,52741	5,98172	0,71171	0,59736	0,5973	3
24.10.2018	482,184	0,001	310,356	0,001	198,104	0,001	126,711	0,001	68,0299	0,06889	35,9494	0,42868	18,9602	0,52499	5,97475	0,71239	0,6065	0,59383	3
25.10.2018	483,142	0,001	310,987	0,001	198,616	0,001	127,075	0,001	68,2522	0,06626	36,0882	0,42193	19,0484	0,51931	6,02586	0,70737	0,63426	0,58327	3
26.10.2018	484,147	0,001	311,625	0,001	199,103	0,001	127,397	0,001	68,4283	0,06423	36,2077	0,41611	19,1244	0,51442	6,06483	0,70354	0,65794	0,57427	3
27.10.2018	485,021	0,001	312,07	0,001	199,577	0,001	127,715	0,001	68,603	0,06229	36,3049	0,41139	19,1997	0,50958	6,09638	0,70045	0,6977	0,55915	3
28.10.2018	486,132	0,001	312,781	0,001	199,94	0,001	127,92	0,001	68,6624	0,06164	36,3961	0,40695	19,271	0,50499	6,13019	0,69713	0,72018	0,55061	3
29.10.2018	487,035	0,001	313,237	0,001	200,4	0,001	128,229	0,001	68,8224	0,05987	36,4564	0,40402	19,2814	0,50432	6,11054	0,69906	0,74978	0,53936	3
30.10.2018	488,096	0,001	313,909	0,001	200,889	0,001	128,555	0,001	69,0017	0,05803	36,5516	0,39939	19,3514	0,49982	6,14215	0,69595	0,75074	0,53899	3
31.10.2018	488,98	0,001	314,396	0,001	201,327	0,001	128,852	0,001	69,1527	0,05648	36,6082	0,39664	19,4086	0,49614	6,17388	0,69283	0,78073	0,52759	3
1.11.2018	489,821	0,001	314,832	0,001	201,711	0,001	129,075	0,001	69,2576	0,0554	36,6513	0,39455	19,4623	0,49268	6,17728	0,6925	0,7714	0,53114	3
2.11.2018	491,117	0,001	315,764	0,001	202,194	0,001	129,331	0,001	69,3459	0,05453	36,7095	0,39171	19,5039	0,49	6,21654	0,68864	0,7822	0,52703	3
3.11.2018	492,016	0,001	316,298	0,001	202,61	0,001	129,564	0,001	69,4368	0,05366	36,682	0,39305	19,4585	0,49292	6,1713	0,69309	0,76472	0,53368	3
4.11.2018	492,465	0,001	316,538	0,001	202,826	0,001	129,706	0,001	69,4538	0,0535	36,6119	0,39646	19,4384	0,49421	6,13807	0,69635	0,7511	0,53885	3
5.11.2018	493,255	0,001	317,213	0,001	203,344	0,001	130,005	0,001	69,606	0,05204	36,6413	0,39503	19,4425	0,49395	6,12117	0,69801	0,73645	0,54442	3
6.11.2018	493,53	0,001	317,588	0,001	203,345	0,001	130,065	0,001	69,5209	0,05285	36,4353	0,40505	19,4451	0,49379	6,12543	0,69759	0,76444	0,53378	3
7.11.2018	494,065	0,001	317,571	0,001	203,558	0,001	130,058	0,001	69,3763	0,05424	36,2476	0,41418	19,2781	0,50453	5,9682	0,71303	0,70963	0,55462	3
8.11.2018	495,148	0,001	318,127	0,001	203,811	0,001	130,242	0,001	69,4432	0,0536	36,3753	0,40796	19,3637	0,49902	6,00475	0,70944	0,68547	0,5638	3
9.11.2018	496,584	0,001	319,136	0,001	204,535	0,001	130,579	0,001	69,6515	0,0516	36,4441	0,40462	19,3936	0,4971	6,00152	0,70976	0,69384	0,56062	3
10.11.2018	497,335	0,001	319,492	0,001	204,662	0,001	130,63	0,001	69,5863	0,05223	36,3449	0,40944	19,4063	0,49628	5,97125	0,71273	0,70283	0,5572	3
11.11.2018	498,106	0,001	319,904	0,001	204,621	0,001	130,382	0,001	69,4721	0,05332	36,2389	0,4146	19,3533	0,49969	5,97115	0,71274	0,68645	0,56343	3
12.11.2018	498,978	0,001	320,352	0,001	204,858	0,001	130,427	0,001	69,3137	0,05484	35,974	0,42748	19,2944	0,50348	5,83686	0,72593	0,67179	0,56901	3
13.11.2018	499,34	0,001	320,282	0,001	204,71	0,001	130,095	0,001	68,8151	0,05995	35,8505	0,43349	19,2505	0,50631	5,63719	0,74554	0,6591	0,57383	3
14.11.2018	500,834	0,001	321,349	0,001	205,583	0,001	130,711	0,001	69,4195	0,05382	36,2858	0,41232	19,5243	0,48869	5,80253	0,72931	0,77449	0,52996	3
15.11.2018	501,862	0,001	321,955	0,001	205,837	0,001	130,7	0,001	69,3854	0,05415	36,2948	0,41188	19,6985	0,47747	5,91124	0,71863	0,83499	0,50696	3
16.11.2018	502,868	0,001	322,571	0,001	206,157	0,001	130,868	0,001	69,4771	0,05327	36,3883	0,40733	19,8131	0,47011	5,95283	0,71454	0,88854	0,4866	3
17.11.2018	503,655	0,001	322,963	0,001	206,343	0,001	130,873	0,001	69,4055	0,05396	36,2307	0,415	19,8445	0,46808	5,9377	0,71603	0,92582	0,47243	3
18.11.2018	504,203	0,001	322,906	0,001	205,894	0,001	130,237	0,001	68,5093	0,06333	35,7071	0,44046	19,5847	0,4848	5,61048	0,74817	0,86189	0,49674	3
19.11.2018	504,144	0,001	322,463	0,001	205,528	0,001	129,766	0,001	68,0884	0,0682	35,4575	0,45259	19,6783	0,47878	5,63548	0,74571	1,02253	0,43566	3
20.11.2018	504,558	0,001	322,421	0,001	206,35	0,001	130,149	0,001	68,5725	0,06263	35,7058	0,44052	19,9113	0,46378	5,883	0,7214	1,14948	0,3874	3
21.11.2018	506,163	0,001	323,591	0,001	206,599	0,001	130,24	0,001	68,5269	0,06314	35,9024	0,43096	19,9514	0,4612	5,94949	0,71487	1,14444	0,38932	3
22.11.2018	507,665	0,001	324,403	0,001	207,372	0,001	130,841	0,001	69,0369	0,05767	36,4263	0,40548	20,0657	0,45385	6,04414	0,70558	1,31012	0,32633	3

23.11.2018	507,528	0,001	323,817	0,001	207,072	0,001	130,362	0,001	68,3847	0,06471	36,0759	0,42252	19,8927	0,46498	5,98559	0,71133	1,37072	0,30329	3
24.11.2018	508,607	0,001	324,492	0,001	208,237	0,001	131,366	0,001	69,2281	0,05571	36,6882	0,39275	20,034	0,45589	6,22131	0,68818	1,49283	0,25686	3
25.11.2018	509,198	0,001	324,616	0,001	208,275	0,001	131,164	0,001	69,0256	0,05779	36,6515	0,39453	19,9856	0,459	6,27482	0,68292	1,52627	0,24415	3
26.11.2018	510,491	0,001	325,502	0,001	209,063	0,001	131,909	0,001	69,6004	0,05209	37,1069	0,37239	20,125	0,45003	6,41674	0,66898	1,62095	0,20815	3
27.11.2018	510,95	0,001	325,627	0,001	209,716	0,001	132,383	0,001	70,0644	0,04784	37,4136	0,35748	20,189	0,44591	6,4991	0,66089	1,60953	0,21249	3
28.11.2018	512,341	0,001	326,771	0,001	210,152	0,001	132,621	0,001	70,2794	0,04595	37,6429	0,34633	20,3392	0,43625	6,52099	0,65874	1,5891	0,22026	3
29.11.2018	513,262	0,001	327,204	0,001	210,103	0,001	132,573	0,001	70,081	0,0477	37,5141	0,35259	20,2354	0,44293	6,39338	0,67128	1,55466	0,23336	3
30.11.2018	513,833	0,001	327,362	0,001	210,398	0,001	132,717	0,001	70,1512	0,04708	37,4072	0,35779	20,3057	0,4384	6,39574	0,67105	1,57326	0,22628	3
1.12.2018	514,252	0,001	327,438	0,001	210,248	0,001	132,356	0,001	69,8714	0,04954	37,0975	0,37285	20,1595	0,44781	6,32315	0,67817	1,49181	0,25725	3
2.12.2018	515,134	0,001	327,878	0,001	210,439	0,001	132,384	0,001	69,7745	0,05042	37,0129	0,37696	20,0313	0,45606	6,26198	0,68418	1,50632	0,25173	3
3.12.2018	516,169	0,001	328,585	0,001	211,056	0,001	132,812	0,001	70,059	0,04789	37,1932	0,36819	20,0478	0,455	6,26447	0,68394	1,50739	0,25133	3
4.12.2018	517,626	0,001	329,586	0,001	211,698	0,001	133,272	0,001	70,1381	0,04719	37,2617	0,36486	19,8864	0,46539	6,09237	0,70084	1,34457	0,31323	3
5.12.2018	518,845	0,001	330,38	0,001	212,212	0,001	133,628	0,001	70,2957	0,04581	37,4549	0,35547	19,7915	0,47149	6,04793	0,7052	1,30862	0,32689	3
6.12.2018	519,181	0,001	330,525	0,001	212,314	0,001	133,518	0,001	70,5844	0,04344	37,7766	0,33982	19,8976	0,46466	6,23202	0,68712	1,48818	0,25863	3
7.12.2018	520,358	0,001	331,437	0,001	212,924	0,001	133,92	0,001	71,0565	0,03972	38,1611	0,32113	20,1167	0,45057	6,47222	0,66353	1,62248	0,20757	3
8.12.2018	521,362	0,001	331,964	0,001	213,169	0,001	134,038	0,001	71,1137	0,03931	38,1342	0,32244	20,1413	0,44898	6,54115	0,65676	1,62974	0,20481	3
9.12.2018	522,687	0,001	332,318	0,001	213,226	0,001	133,947	0,001	70,8952	0,04097	37,9497	0,33141	20,0174	0,45696	6,49109	0,66168	1,66177	0,19754	3
10.12.2018	523,681	0,001	332,972	0,001	213,644	0,001	134,208	0,001	71,0027	0,04012	37,9701	0,33041	19,9902	0,45871	6,4837	0,66241	1,6849	0,19461	3
11.12.2018	524,529	0,001	333,802	0,001	214,265	0,001	134,651	0,001	71,1923	0,03875	38,042	0,32692	19,9617	0,46054	6,45855	0,66488	1,6261	0,2062	3
12.12.2018	525,031	0,001	334,174	0,001	214,376	0,001	134,588	0,001	71,0461	0,03979	37,954	0,3312	19,8644	0,4668	6,47627	0,66314	1,63966	0,20104	3
13.12.2018	525,725	0,001	334,757	0,001	214,715	0,001	134,749	0,001	71,1696	0,03891	38,0366	0,32718	19,8371	0,46856	6,56845	0,65408	1,71645	0,19061	3
14.12.2018	526,271	0,001	335,169	0,001	215,024	0,001	134,873	0,001	71,1878	0,03878	37,9907	0,32941	19,7444	0,47453	6,63477	0,64757	1,74534	0,18695	3
15.12.2018	458,456	0,001	326,932	0,001	203,155	0,001	125,407	0,001	66,4971	0,08946	40,918	0,19157	19,2588	0,50578	6,17774	0,69245	2,27332	0,13213	4
16.12.2018	459,371	0,001	327,555	0,001	203,774	0,001	125,871	0,001	66,8234	0,08469	41,1038	0,18568	19,3554	0,49956	6,25075	0,68528	2,26345	0,13301	4
17.12.2018	459,839	0,001	327,719	0,001	203,783	0,001	125,845	0,001	66,6385	0,08738	40,8587	0,19345	19,2727	0,50488	6,27367	0,68303	2,24334	0,13479	4
18.12.2018	460,611	0,001	328,211	0,001	203,963	0,001	125,93	0,001	66,588	0,08812	40,7681	0,19632	19,1841	0,51058	6,19508	0,69075	2,19368	0,13921	4
19.12.2018	461,025	0,001	328,356	0,001	204,396	0,001	126,514	0,001	67,037	0,08171	41,1027	0,18572	19,4602	0,49281	6,22683	0,68763	2,17077	0,14125	4
20.12.2018	461,064	0,001	328,128	0,001	204,766	0,001	126,794	0,001	67,1832	0,07969	41,2259	0,18181	19,5677	0,4859	6,21124	0,68917	2,1815	0,14029	4
21.12.2018	461,784	0,001	328,582	0,001	205,704	0,001	127,411	0,001	67,6753	0,07327	41,6497	0,16905	19,8351	0,46869	6,32898	0,6776	2,16996	0,14132	4
22.12.2018	462,899	0,001	329,426	0,001	206,021	0,001	127,616	0,001	67,7422	0,07243	41,6556	0,16888	19,8198	0,46967	6,27901	0,68251	2,15149	0,14296	4
23.12.2018	464,078	0,001	330,369	0,001	206,784	0,001	127,992	0,001	67,988	0,06938	41,822	0,16414	19,844	0,46812	6,37947	0,67264	2,2031	0,13837	4
24.12.2018	464,703	0,001	330,614	0,001	206,695	0,001	127,749	0,001	67,6793	0,07322	41,4956	0,17344	19,5486	0,48712	6,30211	0,68024	2,22004	0,13687	4
25.12.2018	465,083	0,001	330,712	0,001	207,064	0,001	127,94	0,001	67,81	0,07158	41,5225	0,17267	19,5393	0,48772	6,40052	0,67058	2,28929	0,13071	4
26.12.2018	465,774	0,001	331,18	0,001	207,202	0,001	127,967	0,001	67,6784	0,07323	41,4114	0,17593	19,451	0,4934	6,38472	0,67213	2,28681	0,13093	4
27.12.2018	466,18	0,001	331,153	0,001	207,7	0,001	128,34	0,001	68,0453	0,0687	41,6375	0,1694	19,6002	0,4838	6,4744	0,66332	2,31002	0,12887	4
28.12.2018	467,531	0,001	332,272	0,001	208,175	0,001	128,709	0,001	68,1871	0,06703	41,7736	0,16552	19,568	0,48587	6,44167	0,66653	2,2808	0,13146	4
29.12.2018	468,091	0,001	332,534	0,001	208,647	0,001	128,974	0,001	68,3636	0,06494	41,9106	0,16162	19,5835	0,48488	6,50038	0,66077	2,33293	0,12683	4
30.12.2018	468,877	0,001	333,046	0,001	208,774	0,001	129,026	0,001	68,2964	0,06574	41,8499	0,16335	19,4825	0,49138	6,48657	0,66212	2,32517	0,12752	4
31.12.2018	469,775	0,001	333,642	0,001	209,314	0,001	129,365	0,001	68,4589	0,06389	41,9035	0,16183	19,4782	0,49166	6,42748	0,66793	2,25658	0,13362	4
1.01.2019	470,486	0,001	334,121	0,001	209,623	0,001	129,604	0,001	68,5698	0,06266	41,9285	0,16111	19,4877	0,49104	6,50353	0,66046	2,29295	0,13038	4

1.01.2019	470,486	0,001	334,121	0,001	209,623	0,001	129,604	0,001	68,5698	0,06266	41,9285	0,16111	19,4877	0,49104	6,50353	0,66046	2,29295	0,13038	4
2.01.2019	471,593	0,001	334,941	0,001	210,15	0,001	129,922	0,001	68,7367	0,06081	42,0729	0,157	19,4924	0,49074	6,56822	0,65411	2,34011	0,12619	4
3.01.2019	472,286	0,001	335,344	0,001	210,477	0,001	130,141	0,001	68,8628	0,05946	42,1223	0,1556	19,5068	0,48981	6,61291	0,64972	2,3552	0,12488	4
4.01.2019	473,526	0,001	336,294	0,001	211,118	0,001	130,505	0,001	69,1169	0,05685	42,3283	0,14976	19,5665	0,48597	6,6283	0,64821	2,35225	0,12511	4
5.01.2019	474,175	0,001	336,65	0,001	211,566	0,001	130,782	0,001	69,2618	0,05536	42,3365	0,14956	19,4992	0,4903	6,68102	0,64303	2,35093	0,12523	4
6.01.2019	474,539	0,001	336,73	0,001	211,569	0,001	130,72	0,001	69,101	0,05701	42,1653	0,15437	19,3546	0,49961	6,65452	0,64563	2,31708	0,12824	4
7.01.2019	475,008	0,001	336,974	0,001	211,982	0,001	130,893	0,001	69,2268	0,05572	42,2553	0,15181	19,4126	0,49588	6,63714	0,64734	2,29648	0,13007	4
8.01.2019	475,623	0,001	337,432	0,001	212,229	0,001	131,019	0,001	69,1534	0,05647	42,1566	0,15462	19,3129	0,50229	6,5511	0,65579	2,192	0,13936	4
9.01.2019	475,443	0,001	337,176	0,001	212,168	0,001	130,712	0,001	68,829	0,05981	42,047	0,15774	19,1596	0,51216	6,57641	0,6533	2,21377	0,13742	4
10.01.2019	475,56	0,001	337,013	0,001	212,14	0,001	130,574	0,001	68,9787	0,05827	42,0584	0,15741	19,1977	0,50971	6,63406	0,64764	2,28246	0,13132	4
11.01.2019	476,473	0,001	337,644	0,001	212,429	0,001	130,841	0,001	69,0387	0,05765	42,0485	0,1577	19,2078	0,50906	6,58343	0,65261	2,25062	0,13415	4
12.01.2019	476,672	0,001	337,593	0,001	212,594	0,001	130,824	0,001	68,9204	0,05887	41,8766	0,16259	19,0549	0,5189	6,60765	0,65023	2,27569	0,13192	4
13.01.2019	476,436	0,001	337,301	0,001	212,419	0,001	130,859	0,001	69,1427	0,05658	41,9969	0,15917	19,1829	0,51066	6,67345	0,64377	2,33788	0,12639	4
14.01.2019	477,308	0,001	338,188	0,001	213,269	0,001	131,316	0,001	69,2588	0,05539	42,0981	0,15628	19,0902	0,51662	6,62032	0,64899	2,24883	0,13431	4
15.01.2019	477,311	0,001	337,96	0,001	213,483	0,001	131,389	0,001	69,3688	0,05431	42,1456	0,15493	19,1146	0,51505	6,6927	0,64188	2,30608	0,12922	4
16.01.2019	477,847	0,001	338,489	0,001	213,736	0,001	131,538	0,001	69,5182	0,05288	42,2701	0,15139	19,134	0,5138	6,6836	0,64277	2,28932	0,13071	4
17.01.2019	478,655	0,001	338,922	0,001	214,178	0,001	131,735	0,001	69,5648	0,05243	42,2555	0,1518	19,1289	0,51413	6,61758	0,64926	2,22125	0,13676	4
18.01.2019	479,116	0,001	339,423	0,001	214,584	0,001	131,985	0,001	69,6258	0,05185	42,2555	0,1518	19,1061	0,5156	6,60515	0,65048	2,1908	0,13946	4
19.01.2019	479,253	0,001	339,32	0,001	214,636	0,001	131,922	0,001	69,5341	0,05273	42,1459	0,15492	18,9635	0,52477	6,57555	0,65339	2,17792	0,14061	4
20.01.2019	479,604	0,001	339,549	0,001	215,029	0,001	132,157	0,001	69,6676	0,05145	42,2082	0,15315	18,9901	0,52306	6,58611	0,65235	2,16832	0,14146	4
21.01.2019	479,799	0,001	339,632	0,001	215,224	0,001	132,231	0,001	69,7178	0,05097	42,2025	0,15331	18,9479	0,52578	6,57159	0,65378	2,11781	0,14595	4
22.01.2019	480,045	0,001	339,656	0,001	215,553	0,001	132,346	0,001	69,8408	0,04981	42,2854	0,15095	18,9808	0,52366	6,6374	0,64731	2,15542	0,14261	4
23.01.2019	480,425	0,001	339,835	0,001	215,826	0,001	132,479	0,001	69,9439	0,0489	42,3345	0,14961	18,9835	0,52349	6,66002	0,64509	2,16415	0,14183	4
24.01.2019	480,611	0,001	339,716	0,001	215,981	0,001	132,473	0,001	70,0086	0,04833	42,3411	0,14944	18,9479	0,52578	6,6667	0,64443	2,15987	0,14221	4
25.01.2019	481,09	0,001	340,027	0,001	216,41	0,001	132,738	0,001	70,0523	0,04795	42,3314	0,14969	18,8843	0,52987	6,63229	0,64781	2,11864	0,14588	4
26.01.2019	481,374	0,001	340,169	0,001	216,725	0,001	132,869	0,001	70,0986	0,04754	42,3653	0,14884	18,8382	0,53284	6,58073	0,65288	2,04176	0,15328	4
27.01.2019	481,387	0,001	340,076	0,001	216,878	0,001	132,853	0,001	70,1292	0,04727	42,3947	0,1481	18,7964	0,53553	6,57352	0,65358	2,02309	0,15529	4
28.01.2019	480,357	0,001	338,606	0,001	216,218	0,001	132,155	0,001	70,1675	0,04694	42,3586	0,14901	18,7458	0,53878	6,76736	0,63455	2,21026	0,13773	4
29.01.2019	480,979	0,001	339,014	0,001	216,622	0,001	132,45	0,001	70,3208	0,04559	42,4341	0,14712	18,7774	0,53675	6,7813	0,63318	2,19208	0,13935	4
30.01.2019	480,89	0,001	338,696	0,001	216,758	0,001	132,491	0,001	70,2198	0,04648	42,2677	0,15146	18,5672	0,55028	6,82595	0,62879	2,23164	0,13583	4
31.01.2019	481,551	0,001	339,115	0,001	217,2	0,001	132,837	0,001	70,373	0,04513	42,3764	0,14856	18,6048	0,54786	6,86853	0,62461	2,27579	0,13191	4
1.02.2019	481,723	0,001	338,982	0,001	217,54	0,001	132,945	0,001	70,4286	0,04468	42,4137	0,14763	18,5667	0,55031	6,7879	0,63253	2,17855	0,14055	4
2.02.2019	482,364	0,001	339,386	0,001	218,023	0,001	133,31	0,001	70,4242	0,04471	42,3816	0,14843	18,4562	0,55742	6,74812	0,63644	2,13529	0,1444	4
3.02.2019	482,463	0,001	339,223	0,001	218,013	0,001	133,242	0,001	70,4772	0,04429	42,4162	0,14757	18,446	0,55807	6,78611	0,63271	2,15825	0,14236	4
4.02.2019	483,477	0,001	339,973	0,001	218,624	0,001	133,611	0,001	70,6277	0,04309	42,5094	0,14524	18,4612	0,5571	6,68546	0,64259	2,03399	0,15412	4
5.02.2019	484,595	0,001	340,819	0,001	219,13	0,001	133,952	0,001	70,6152	0,04319	42,4759	0,14608	18,3776	0,56248	6,53975	0,6569	1,89128	0,16945	4
6.02.2019	485,415	0,001	341,388	0,001	219,464	0,001	134,145	0,001	70,7056	0,04248	42,5429	0,1444	18,3982	0,56115	6,47776	0,66299	1,81678	0,17789	4
7.02.2019	485,703	0,001	341,389	0,001	219,616	0,001	134,25	0,001	70,9864	0,04024	42,672	0,14117	18,4742	0,55626	6,52598	0,65825	1,8381	0,17519	4
8.02.2019	486,234	0,001	341,644	0,001	220	0,001	134,458	0,001	70,6632	0,04281	42,2899	0,15082	18,0312	0,58477	6,3606	0,6745	1,65452	0,19846	4
9.02.2019	487,076	0,001	342,204	0,001	220,395	0,001	134,699	0,001	70,7553	0,04208	42,3262	0,14982	18,0102	0,58612	6,26449	0,68393	1,5473	0,23615	4
10.02.2019	488,123	0,001	342,964	0,001	220,608	0,001	134,721	0,001	70,6362	0,04303	42,1546	0,15468	17,8564	0,59601	6,1669	0,69352	1,44087	0,27662	4

11.02.2019	489,319	0,001	343,814	0,001	221,169	0,001	135,15	0,001	70,8585	0,04126	42,3565	0,14906	18,0676	0,58242	6,06115	0,70391	1,32643	0,32013	4
12.02.2019	489,954	0,001	344,219	0,001	221,452	0,001	135,275	0,001	70,8666	0,0412	42,2992	0,15056	17,8453	0,59673	6,10596	0,6995	1,36154	0,30678	4
13.02.2019	490,626	0,001	344,537	0,001	221,662	0,001	135,406	0,001	71,0425	0,03982	42,4308	0,1472	17,9458	0,59026	6,21474	0,68882	1,46102	0,26896	4
14.02.2019	490,766	0,001	344,779	0,001	221,858	0,001	135,459	0,001	71,0425	0,03982	42,4075	0,14778	17,8818	0,59438	6,24068	0,68627	1,4776	0,26265	4
15.02.2019	491,935	0,001	345,717	0,001	222,519	0,001	135,88	0,001	71,1208	0,03926	42,4243	0,14736	17,977	0,58826	6,14837	0,69534	1,37614	0,30123	4
16.02.2019	491,779	0,001	345,755	0,001	222,525	0,001	135,768	0,001	70,9909	0,04021	42,2394	0,15226	17,8766	0,59472	6,20931	0,68935	1,42689	0,28193	4
17.02.2019	492,427	0,001	346,24	0,001	222,704	0,001	135,846	0,001	70,9571	0,04048	42,1846	0,15382	18,0188	0,58557	6,26117	0,68426	1,47097	0,26518	4
18.02.2019	493,058	0,001	346,934	0,001	223,106	0,001	136,156	0,001	71,0689	0,03963	42,2374	0,15232	17,8485	0,59652	6,23559	0,68677	1,44542	0,27489	4
19.02.2019	494,537	0,001	347,807	0,001	223,615	0,001	136,353	0,001	71,2125	0,0386	42,3159	0,15008	17,9358	0,59091	6,06953	0,70308	1,27065	0,34133	4
20.02.2019	494,858	0,001	348,195	0,001	223,76	0,001	136,349	0,001	71,2038	0,03867	42,2526	0,15188	17,7151	0,60511	5,99853	0,71006	1,19361	0,37062	4
21.02.2019	495,577	0,001	348,709	0,001	224,073	0,001	136,626	0,001	71,3049	0,03794	42,2967	0,15063	17,8058	0,59927	6,04293	0,7057	1,235	0,35488	4
22.02.2019	496,239	0,001	349,237	0,001	224,372	0,001	136,867	0,001	71,4477	0,03692	42,3987	0,148	17,8348	0,59741	5,9409	0,71572	1,1335	0,39347	4
23.02.2019	496,847	0,001	349,986	0,001	224,921	0,001	137,233	0,001	71,707	0,03507	42,5415	0,14443	17,6972	0,60626	6,00967	0,70896	1,19897	0,36858	4
24.02.2019	497,476	0,001	350,347	0,001	225,063	0,001	137,254	0,001	71,6358	0,03558	42,4232	0,14739	17,8644	0,5955	6,07415	0,70263	1,24476	0,35118	4
25.02.2019	496,942	0,001	350,441	0,001	224,898	0,001	137,241	0,001	71,5907	0,0359	42,3335	0,14963	17,7433	0,60329	6,16544	0,69366	1,31393	0,32488	4
26.02.2019	497,184	0,001	350,82	0,001	225,18	0,001	137,297	0,001	71,5675	0,03607	42,2512	0,15193	17,7805	0,6009	6,24435	0,68591	1,3898	0,29603	4
27.02.2019	497,652	0,001	351,521	0,001	225,587	0,001	137,596	0,001	71,6918	0,03518	42,3199	0,14997	17,8286	0,5978	6,22227	0,68808	1,34432	0,31332	4
28.02.2019	497,946	0,001	352,019	0,001	225,843	0,001	137,641	0,001	71,581	0,03597	42,1393	0,15511	17,8144	0,59872	6,16297	0,69391	1,25946	0,34558	4
1.03.2019	498,494	0,001	352,241	0,001	225,86	0,001	137,446	0,001	71,4897	0,03662	41,9991	0,1591	17,8484	0,59653	5,98101	0,71178	1,05515	0,42326	4
2.03.2019	498,852	0,001	352,638	0,001	225,976	0,001	137,437	0,001	71,5078	0,03649	41,9752	0,15978	17,7882	0,60041	5,84394	0,72524	0,90792	0,47923	4
3.03.2019	500,107	0,001	353,523	0,001	226,568	0,001	137,961	0,001	71,7194	0,03498	42,1323	0,15531	17,7768	0,60114	5,84384	0,72525	0,9089	0,47886	4
4.03.2019	500,907	0,001	354,081	0,001	226,888	0,001	138,188	0,001	71,8924	0,03389	42,2758	0,15122	17,886	0,59411	5,76929	0,73257	0,82521	0,51068	4
5.03.2019	499,791	0,001	352,541	0,001	225,388	0,001	136,464	0,001	72,0919	0,03264	42,4022	0,14792	17,8431	0,59687	5,42152	0,76672	0,46874	0,6462	4
6.03.2019	500,173	0,001	352,792	0,001	225,422	0,001	136,325	0,001	71,8426	0,03421	42,0896	0,15652	17,8202	0,59835	5,30258	0,7784	0,34201	0,69438	4
7.03.2019	500,937	0,001	352,936	0,001	225,46	0,001	136,221	0,001	71,7982	0,03449	41,9909	0,15934	17,8881	0,59397	5,19348	0,78912	0,2286	0,7375	4
8.03.2019	502,408	0,001	354,937	0,001	226,892	0,001	137,45	0,001	72,4529	0,03036	42,6144	0,14261	17,8755	0,59479	5,19504	0,78897	0,24156	0,73257	4
9.03.2019	503,755	0,001	355,489	0,001	227,182	0,001	137,562	0,001	72,8783	0,028	43,1305	0,12972	17,8951	0,59353	5,15404	0,79299	0,20177	0,7477	4
10.03.2019	504,309	0,001	356,719	0,001	228,236	0,001	138,467	0,001	73,579	0,02433	43,7839	0,11511	17,9598	0,58936	5,16928	0,7915	0,19868	0,74887	4
11.03.2019	504,687	0,001	357,223	0,001	228,369	0,001	138,448	0,001	73,4469	0,02493	43,6329	0,11832	18,1001	0,58034	5,23742	0,78481	0,2107	0,7443	4
12.03.2019	504,474	0,001	357,911	0,001	228,776	0,001	138,737	0,001	73,6692	0,02392	43,7681	0,11544	18,1821	0,57506	5,17693	0,79075	0,11098	0,78221	4
13.03.2019	504,867	0,001	358,592	0,001	229,272	0,001	139,065	0,001	73,659	0,02397	43,7308	0,11624	18,2097	0,57328	5,21165	0,78734	0,13451	0,77327	4
14.03.2019	505,056	0,001	359,033	0,001	229,496	0,001	139,109	0,001	73,5727	0,02436	43,6255	0,11848	18,2196	0,57265	5,22486	0,78604	0,1392	0,77149	4
15.03.2019	504,707	0,001	359,583	0,001	229,958	0,001	139,403	0,001	73,7716	0,02346	43,8175	0,11439	18,2295	0,57201	5,21324	0,78718	0,12803	0,77573	4
16.03.2019	505,289	0,001	359,745	0,001	229,608	0,001	139,001	0,001	73,6173	0,02416	43,6127	0,11875	18,2893	0,56816	5,16294	0,79212	0,06174	0,80403	4
17.03.2019	504,438	0,001	359,78	0,001	229,778	0,001	139,01	0,001	73,3476	0,02545	43,286	0,12583	18,3014	0,56738	5,18345	0,79011	0,07834	0,79462	4
18.03.2019	505,211	0,001	360,113	0,001	230,016	0,001	139,116	0,001	73,3192	0,02561	43,2084	0,12777	18,3777	0,56247	5,20261	0,78822	0,08619	0,79164	4
19.03.2019	504,904	0,001	360,647	0,001	230,527	0,001	139,391	0,001	73,5374	0,02452	43,3798	0,12371	18,3949	0,56137	5,2104	0,78746	0,07934	0,79424	4
20.03.2019	504,806	0,001	360,758	0,001	230,572	0,001	139,243	0,001	73,195	0,02628	42,9977	0,13304	18,3918	0,56156	5,24519	0,78404	0,10897	0,78298	4
21.03.2019	503,28	0,001	360,007	0,001	230,083	0,001	138,581	0,001	72,6612	0,02918	42,4031	0,14789	18,3968	0,56124	5,33086	0,77563	0,19199	0,75142	4
22.03.2019	503,725	0,001	360,638	0,001	230,274	0,001	138,685	0,001	72,4701	0,03025	42,1557	0,15464	18,4776	0,55604	5,28657	0,77998	0,12798	0,77575	4

23.03.2019	502,588	0,001	359,817	0,001	229,874	0,001	138,245	0,001	71,871	0,03403	41,5084	0,17308	18,4791	0,55594	5,28697	0,77994	0,12756	0,77591	4
24.03.2019	503,58	0,001	360,032	0,001	229,198	0,001	137,498	0,001	71,3707	0,03747	40,988	0,18935	18,6067	0,54774	5,22437	0,78609	0,02577	0,87259	4
25.03.2019	503,726	0,001	360,799	0,001	229,966	0,001	138,023	0,001	71,3506	0,03762	40,9259	0,19132	18,6058	0,54779	5,23102	0,78543	0,03127	0,8602	4
26.03.2019	505,206	0,001	361,393	0,001	230,323	0,001	138,095	0,001	71,2081	0,03864	40,7968	0,19541	18,6375	0,54575	5,24079	0,78447	0,05304	0,81824	4
27.03.2019	506,202	0,001	362,773	0,001	231,557	0,001	139,151	0,001	72,3365	0,0311	41,8792	0,16252	18,592	0,54868	5,20793	0,7877	0,0359	0,84981	4
28.03.2019	506,916	0,001	363,201	0,001	231,528	0,001	139,057	0,001	72,147	0,03229	41,6913	0,16787	18,6292	0,54629	5,20562	0,78793	0,03373	0,85465	4
29.03.2019	505,725	0,001	362,504	0,001	230,933	0,001	138,269	0,001	71,2713	0,03818	40,785	0,19579	18,6483	0,54505	5,23772	0,78478	0,05881	0,80881	4
30.03.2019	505,802	0,001	362,401	0,001	230,703	0,001	137,894	0,001	70,7704	0,04196	40,2439	0,21985	18,7359	0,53942	5,23669	0,78488	0,0332	0,85586	4
31.03.2019	506,16	0,001	362,802	0,001	230,783	0,001	137,828	0,001	70,7015	0,04251	40,1185	0,22595	18,7806	0,53654	5,23328	0,78521	0,01763	0,89486	4
1.04.2019	506,644	0,001	362,704	0,001	230,389	0,001	137,23	0,001	70,0383	0,04807	39,4048	0,26065	18,7509	0,53846	5,17669	0,79077	0,00402	0,94928	4
2.04.2019	507,373	0,001	363,564	0,001	231,119	0,001	137,78	0,001	71,083	0,03953	40,402	0,21216	18,7768	0,53679	5,18013	0,79043	0,01606	0,89928	4
3.04.2019	506,037	0,001	362,343	0,001	231,882	0,001	138,435	0,001	71,2734	0,03817	40,528	0,20603	18,7183	0,54055	5,07049	0,80129	0,00261	0,9592	4
4.04.2019	507,557	0,001	363,576	0,001	232,078	0,001	138,844	0,001	71,7043	0,03509	40,8172	0,19477	18,7835	0,53636	5,12343	0,796	0,02137	0,88437	4
5.04.2019	507,22	0,001	363,656	0,001	233,083	0,001	139,498	0,001	72,5791	0,02963	41,6579	0,16882	18,8326	0,5332	5,14232	0,79414	0,05973	0,8073	4
6.04.2019	507,841	0,001	364,104	0,001	233,275	0,001	139,489	0,001	72,309	0,03127	41,1912	0,18291	18,8359	0,53299	5,10665	0,79765	0,03593	0,84976	4
7.04.2019	507,064	0,001	363,782	0,001	233,009	0,001	139,024	0,001	71,8797	0,03397	40,7015	0,19843	18,8702	0,53078	5,11929	0,79641	0,02382	0,87747	4
8.04.2019	505,199	0,001	362,562	0,001	231,943	0,001	137,838	0,001	71,2449	0,03837	40,0543	0,22907	18,8692	0,53084	5,05548	0,80287	1,3E-05	0,99849	4
9.04.2019	505,979	0,001	363,668	0,001	232,212	0,001	137,943	0,001	70,7904	0,0418	39,5153	0,25528	18,9101	0,52821	5,07991	0,80029	0,00082	0,97631	4
10.04.2019	504,385	0,001	363,452	0,001	232,279	0,001	137,866	0,001	70,827	0,04151	39,576	0,25233	18,945	0,52596	5,10648	0,79766	0,01008	0,92009	4
11.04.2019	503,291	0,001	362,341	0,001	230,824	0,001	136,234	0,001	69,5121	0,05294	38,2002	0,31923	19,0622	0,51842	5,18343	0,79011	0,03923	0,84346	4
12.04.2019	503,815	0,001	363,363	0,001	231,633	0,001	136,87	0,001	69,4676	0,05336	38,1676	0,32081	19,0948	0,51633	5,18039	0,79041	0,01122	0,91568	4
13.04.2019	504,241	0,001	363,431	0,001	231,473	0,001	136,521	0,001	68,9923	0,05813	37,6418	0,34638	19,0362	0,5201	5,15414	0,79298	0,00557	0,94066	4
14.04.2019	504,805	0,001	363,928	0,001	231,771	0,001	136,659	0,001	68,9206	0,05886	37,5814	0,34932	19,0646	0,51827	5,14571	0,79381	4,7E-05	0,99713	4
15.04.2019	505,358	0,001	364,285	0,001	231,761	0,001	136,543	0,001	68,6996	0,06122	37,3037	0,36282	18,9494	0,52568	5,13198	0,79516	8,1E-05	0,99575	4
16.04.2019	506,109	0,001	365,012	0,001	232,32	0,001	136,947	0,001	68,9916	0,05813	37,5203	0,35229	18,9453	0,52595	5,1223	0,79611	0,00392	0,94989	4
17.04.2019	506,769	0,001	365,425	0,001	232,509	0,001	136,981	0,001	68,9023	0,05905	37,3618	0,36	18,9065	0,52844	5,11075	0,79725	0,00142	0,96985	4
18.04.2019	506,648	0,001	364,982	0,001	232,328	0,001	136,653	0,001	69,3579	0,05441	37,7588	0,34069	18,7974	0,53546	5,33272	0,77545	0,09891	0,78681	4
19.04.2019	506,345	0,001	364,256	0,001	232,206	0,001	136,561	0,001	70,3246	0,04556	38,8541	0,28743	18,5441	0,55176	5,71566	0,73784	0,38475	0,67813	4
20.04.2019	507,207	0,001	364,576	0,001	232,958	0,001	137,068	0,001	70,3042	0,04574	38,9465	0,28294	18,4943	0,55497	5,8012	0,72944	0,47547	0,64364	4
21.04.2019	509,156	0,001	366,103	0,001	233,813	0,001	137,537	0,001	70,4168	0,04477	38,8369	0,28827	18,3884	0,56178	5,65622	0,74367	0,38612	0,67761	4
22.04.2019	510,824	0,001	367,366	0,001	234,994	0,001	138,415	0,001	71,2493	0,03834	39,4299	0,25943	18,3912	0,5616	5,56582	0,75255	0,37101	0,68336	4
23.04.2019	510,89	0,001	367,474	0,001	234,863	0,001	138,091	0,001	70,6971	0,04254	38,7336	0,29329	18,3908	0,56163	5,36616	0,77216	0,19996	0,74838	4
24.04.2019	510,315	0,001	366,806	0,001	233,851	0,001	136,818	0,001	69,1613	0,05639	37,5248	0,35207	18,2532	0,57049	5,51642	0,7574	0,24807	0,7301	4
25.04.2019	508,649	0,001	365,252	0,001	232,553	0,001	135,347	0,001	67,736	0,07251	36,1002	0,42134	18,0829	0,58144	5,35181	0,77357	0,15343	0,76608	4
26.04.2019	508,909	0,001	365,257	0,001	232,2	0,001	134,796	0,001	67,0125	0,08205	35,4725	0,45187	18,0115	0,58603	5,41774	0,7671	0,20809	0,7453	4
27.04.2019	508,173	0,001	364,63	0,001	231,346	0,001	133,772	0,001	65,8913	0,09886	34,5554	0,49646	18,0032	0,58657	5,32718	0,77599	0,13074	0,7747	4
28.04.2019	508,515	0,001	364,535	0,001	231,449	0,001	133,708	0,001	65,7494	0,10125	34,3943	0,50429	17,6692	0,60806	5,39849	0,76899	0,16248	0,76263	4
29.04.2019	508,117	0,001	364,195	0,001	231,001	0,001	133,083	0,001	64,9981	0,11469	33,4968	0,54794	17,7483	0,60297	5,27911	0,78071	0,05809	0,80998	4
30.04.2019	508,961	0,001	364,631	0,001	231,212	0,001	133,127	0,001	64,9248	0,116	33,2821	0,55837	17,7193	0,60484	5,21834	0,78668	0,07739	0,79499	4
1.05.2019	509,349	0,001	364,913	0,001	231,398	0,001	133,155	0,001	64,8217	0,11784	33,1415	0,56521	17,6207	0,61119	5,22366	0,78616	0,05874	0,80891	4

2.05.2019	510,051	0,001	365,342	0,001	231,538	0,001	133,12	0,001	64,9854	0,11491	33,2214	0,56133	17,0364	0,64879	5,41324	0,76754	0,19853	0,74893	4
3.05.2019	510,548	0,001	365,709	0,001	231,801	0,001	133,286	0,001	64,9944	0,11475	33,3304	0,55603	17,1484	0,64157	5,38655	0,77016	0,21485	0,74272	4
4.05.2019	510,856	0,001	365,669	0,001	231,549	0,001	133,2	0,001	64,4494	0,1245	32,7328	0,58509	16,946	0,6546	5,24738	0,78383	0,11297	0,78146	4
5.05.2019	511,736	0,001	366,403	0,001	232,059	0,001	133,573	0,001	64,7368	0,11936	32,9535	0,57435	16,9281	0,65575	5,30116	0,77854	0,1331	0,7738	4
6.05.2019	512,128	0,001	366,628	0,001	232,062	0,001	133,39	0,001	64,2426	0,12873	32,3163	0,60534	16,6012	0,67679	5,12157	0,79618	0,05727	0,81132	4
7.05.2019	511,3	0,001	365,637	0,001	231,026	0,001	132,392	0,001	63,4697	0,14484	31,4036	0,64972	16,5073	0,68283	4,94933	0,81407	0,00016	0,99205	4
8.05.2019	511,493	0,001	365,769	0,001	230,923	0,001	132,19	0,001	63,104	0,1528	30,8797	0,67519	16,0654	0,71126	4,89274	0,82004	0,00249	0,96011	4
9.05.2019	510,379	0,001	364,777	0,001	229,807	0,001	131,491	0,001	62,9292	0,15693	30,494	0,69395	16,1734	0,70432	4,976	0,81125	0,14575	0,76899	4
10.05.2019	510,92	0,001	364,929	0,001	229,614	0,001	131,696	0,001	62,573	0,16535	29,8285	0,72631	15,1238	0,77186	4,72454	0,83718	0,09374	0,78877	4
11.05.2019	510,571	0,001	364,633	0,001	229,293	0,001	131,751	0,001	62,4262	0,16882	30,1117	0,71254	15,3648	0,75635	4,87477	0,82193	0,04246	0,83728	4
12.05.2019	510,486	0,001	364,456	0,001	228,934	0,001	131,514	0,001	62,0767	0,17731	29,3854	0,74786	14,4387	0,81494	4,60812	0,84889	0,07118	0,79735	4
13.05.2019	506,745	0,001	360,681	0,001	226,177	0,001	131,53	0,001	62,186	0,17449	29,7786	0,72874	14,3536	0,82007	4,83503	0,82607	0,002	0,96419	4
14.05.2019	507,976	0,001	361,857	0,001	227,064	0,001	131,498	0,001	61,954	0,18053	29,4499	0,74472	14,0571	0,83717	4,47996	0,86105	0,00219	0,96262	4
15.05.2019	500,603	0,001	354,123	0,001	227,331	0,001	130,305	0,001	62,3066	0,17164	29,9874	0,71859	14,4217	0,81597	4,81942	0,82764	0,12123	0,77832	4
16.05.2019	501,363	0,001	354,777	0,001	227,779	0,001	129,914	0,001	61,5329	0,19159	29,9112	0,72229	14,3437	0,82067	4,81132	0,82846	0,06306	0,80186	4
17.05.2019	499	0,001	351,709	0,001	229,103	0,001	130,993	0,001	62,1503	0,17538	30,2008	0,70821	14,6655	0,80127	4,83978	0,8256	0,10058	0,78617	4
18.05.2019	499,062	0,001	351,523	0,001	230,974	0,001	132,733	0,001	65,0259	0,11419	31,4304	0,64841	14,8558	0,78911	5,32003	0,77669	0,48746	0,63908	4
19.05.2019	498,302	0,001	350,586	0,001	231,471	0,001	133,074	0,001	65,366	0,10811	32,0047	0,62049	15,4246	0,7525	5,51801	0,75725	0,53528	0,62091	4
20.05.2019	497,418	0,001	349,024	0,001	230,353	0,001	132,504	0,001	64,6422	0,12105	31,492	0,64542	14,6282	0,80351	5,28508	0,78012	0,55202	0,61454	4
21.05.2019	497,118	0,001	348,544	0,001	230,731	0,001	132,713	0,001	66,4018	0,09089	33,4936	0,54809	15,6203	0,73991	6,25882	0,68449	1,04466	0,42725	4
22.05.2019	498,917	0,001	350,148	0,001	232,115	0,001	133,781	0,001	66,7794	0,08532	33,4301	0,55118	15,5052	0,74732	6,09334	0,70074	1,15354	0,38585	4
23.05.2019	498,227	0,001	349,165	0,001	231,815	0,001	134,096	0,001	66,8067	0,08492	33,238	0,56052	15,3812	0,7553	5,90784	0,71896	1,06063	0,42118	4
24.05.2019	502,541	0,001	353,233	0,001	234,676	0,001	136,157	0,001	70,0653	0,04783	35,8637	0,43284	17,02	0,64984	6,74884	0,63637	1,75447	0,18579	4
25.05.2019	504,388	0,001	354,94	0,001	236,912	0,001	138,384	0,001	72,9038	0,02786	36,8857	0,38315	17,0698	0,64664	7,11271	0,60063	2,12027	0,14574	4
26.05.2019	502,632	0,001	352,938	0,001	234,601	0,001	136,822	0,001	70,6199	0,04316	35,6466	0,4434	16,9926	0,6516	6,45398	0,66533	1,91132	0,1673	4
27.05.2019	502,972	0,001	353,058	0,001	234,495	0,001	136,804	0,001	70,7182	0,04238	35,9956	0,42643	17,2898	0,63248	5,68943	0,74041	1,57266	0,22651	4
28.05.2019	503,148	0,001	353,008	0,001	234,303	0,001	136,696	0,001	70,6753	0,04272	35,6169	0,44484	17,3149	0,63086	5,51879	0,75717	1,25222	0,34834	4
29.05.2019	503,46	0,001	353,169	0,001	234,283	0,001	135,988	0,001	69,8844	0,04942	36,1169	0,42053	17,5618	0,61497	5,8929	0,72043	1,47963	0,26188	4
30.05.2019	501,865	0,001	351,215	0,001	232,039	0,001	133,813	0,001	67,7144	0,07278	33,5961	0,54311	16,4977	0,68345	5,44118	0,76479	1,16447	0,3817	4
31.05.2019	500,808	0,001	350,459	0,001	231,286	0,001	133,945	0,001	67,5701	0,07459	33,6269	0,54161	16,9977	0,65127	5,15965	0,79244	1,01104	0,44003	4
1.06.2019	502,196	0,001	351,223	0,001	232,141	0,001	133,606	0,001	67,2209	0,07919	33,5073	0,54742	16,7104	0,66976	5,35201	0,77355	1,40308	0,29098	4
2.06.2019	500,292	0,001	349,304	0,001	230,504	0,001	131,923	0,001	65,4426	0,10674	32,6414	0,58953	16,3181	0,69501	5,30601	0,77807	1,25417	0,3476	4
3.06.2019	498,419	0,001	347,1	0,001	227,782	0,001	128,734	0,001	62,542	0,16608	30,5935	0,68911	15,3886	0,75482	5,075	0,80081	0,84556	0,50294	4
4.06.2019	497,76	0,001	346,439	0,001	227,062	0,001	128,127	0,001	62,1795	0,17465	29,4735	0,74358	14,6782	0,8005	4,55217	0,85424	0,45208	0,65254	4
5.06.2019	499,607	0,001	348,244	0,001	228,948	0,001	129,696	0,001	63,0723	0,15355	30,3497	0,70097	15,321	0,75917	5,1826	0,79019	0,78315	0,52667	4
6.06.2019	500,827	0,001	349,201	0,001	229,552	0,001	130,041	0,001	63,3053	0,14827	30,3125	0,70278	15,5877	0,74201	5,37608	0,77119	0,97198	0,45488	4
7.06.2019	500,845	0,001	348,974	0,001	229,128	0,001	129,738	0,001	63,1136	0,15257	30,3034	0,70322	15,5947	0,74156	5,38728	0,77009	0,92914	0,47117	4
8.06.2019	501,897	0,001	349,788	0,001	229,795	0,001	130,016	0,001	63,2208	0,15004	30,705	0,68369	16,0671	0,71116	5,82552	0,72705	1,14374	0,38958	4
9.06.2019	502,325	0,001	349,884	0,001	229,709	0,001	130,051	0,001	63,1683	0,15128	30,3532	0,7008	15,7068	0,73434	5,43865	0,76504	0,84613	0,50272	4
10.06.2019	504,368	0,001	351,695	0,001	231,556	0,001	131,479	0,001	64,257	0,12843	31,3872	0,65052	16,7281	0,66862	6,08771	0,7013	1,26677	0,34281	4

11.06.2019	505,058	0,001	352,159	0,001	232,225	0,001	132,053	0,001	64,7505	0,11911	31,6816	0,6362	17,0494	0,64795	6,23861	0,68648	1,43252	0,27979	4
12.06.2019	507,367	0,001	354,209	0,001	233,818	0,001	133,499	0,001	65,8754	0,09911	32,8322	0,58025	17,5097	0,61833	7,14435	0,59752	1,95602	0,16249	4
13.06.2019	508,538	0,001	355,143	0,001	234,574	0,001	134,037	0,001	66,3947	0,091	33,2583	0,55954	17,4655	0,62117	7,23409	0,58871	2,04798	0,15261	4
14.06.2019	507,311	0,001	353,638	0,001	232,863	0,001	131,845	0,001	64,7378	0,11934	31,5777	0,64125	16,3273	0,69441	6,2607	0,68431	1,41423	0,28675	4
15.06.2019	508,001	0,001	354,061	0,001	233,064	0,001	131,943	0,001	64,3723	0,12602	31,4477	0,64758	16,33	0,69424	5,93617	0,71618	1,2903	0,33386	4
16.06.2019	507,884	0,001	353,724	0,001	232,554	0,001	131,52	0,001	63,9776	0,13425	31,2667	0,65638	16,0958	0,70931	5,63573	0,74569	1,08381	0,41236	4
17.06.2019	510,301	0,001	355,905	0,001	234,232	0,001	132,813	0,001	64,4097	0,12524	31,6303	0,6387	15,9812	0,71669	6,17473	0,69275	1,45444	0,27146	4
18.06.2019	511,648	0,001	357,011	0,001	235,059	0,001	133,103	0,001	64,5815	0,12213	31,7072	0,63496	15,9266	0,7202	6,35307	0,67524	1,72791	0,18916	4
19.06.2019	511,847	0,001	356,933	0,001	235,058	0,001	133,541	0,001	64,845	0,11742	31,875	0,6268	15,8291	0,72647	6,55268	0,65563	1,90574	0,16789	4
20.06.2019	513,181	0,001	358,043	0,001	236,051	0,001	134,657	0,001	65,7278	0,10164	32,6731	0,58799	16,1199	0,70776	6,99141	0,61254	2,33437	0,1267	4
21.06.2019	512,399	0,001	356,925	0,001	236,126	0,001	135,564	0,001	66,6855	0,08669	33,5657	0,54459	16,2562	0,69899	7,37626	0,57475	2,71475	0,09944	4
22.06.2019	510,754	0,001	354,82	0,001	233,588	0,001	134,488	0,001	65,567	0,10451	32,4292	0,59985	15,5382	0,74519	6,48471	0,66231	2,4776	0,11619	4
23.06.2019	508,964	0,001	352,836	0,001	231,726	0,001	133,499	0,001	64,6599	0,12073	31,4129	0,64927	14,5008	0,8112	5,77435	0,73207	2,09307	0,14815	4
24.06.2019	509,357	0,001	352,998	0,001	231,455	0,001	134,222	0,001	65,2604	0,10999	31,7227	0,6342	14,3272	0,82167	5,59658	0,74953	2,07202	0,15003	4
25.06.2019	506,441	0,001	349,802	0,001	227,655	0,001	132,762	0,001	64,3003	0,12752	30,2492	0,70585	13,0546	0,8887	4,5327	0,85608	1,17288	0,3785	4
26.06.2019	498,892	0,001	341,962	0,001	220,149	0,001	126,93	0,001	59,2354	0,2776	28,1595	0,80664	11,7916	0,93882	4,1547	0,89037	0,6906	0,56186	4
27.06.2019	502,515	0,001	345,451	0,001	224,001	0,001	129,628	0,001	61,6455	0,18863	28,4084	0,79537	11,4294	0,94989	3,62487	0,93144	0,27504	0,71984	4
28.06.2019	497,508	0,001	340,13	0,001	218,668	0,001	128,185	0,001	60,4826	0,22865	28,023	0,81254	11,2583	0,95459	3,63054	0,93106	0,2042	0,74678	4
29.06.2019	619,73	0,001	373,136	0,001	218,009	0,001	128,06	0,001	66,7679	0,08548	26,5324	0,87116	11,6049	0,94471	3,89119	0,91212	0,2306	0,73674	3
30.06.2019	618,737	0,001	371,407	0,001	216,06	0,001	128,531	0,001	65,9434	0,09803	26,1102	0,8853	11,3695	0,95154	3,69904	0,92631	0,00039	0,98345	3
1.07.2019	618,55	0,001	370,74	0,001	215,372	0,001	128,397	0,001	66,743	0,08585	26,2191	0,88176	11,567	0,94584	3,7425	0,92321	0,02356	0,8782	3
2.07.2019	621,173	0,001	372,957	0,001	217,279	0,001	131,144	0,001	68,2376	0,06643	26,4695	0,87346	11,6341	0,9438	3,6638	0,92877	5,7E-06	0,99877	3
3.07.2019	618,823	0,001	369,608	0,001	213,75	0,001	129,293	0,001	66,3967	0,09097	26,0811	0,88624	11,2926	0,95365	3,69232	0,92678	0,00364	0,95185	3
4.07.2019	619,783	0,001	370,435	0,001	214,267	0,001	128,472	0,001	66,5816	0,08822	26,1523	0,88393	11,3214	0,95286	3,68283	0,92744	0,00083	0,97614	3
5.07.2019	620,127	0,001	369,798	0,001	213,351	0,001	128,852	0,001	66,9001	0,08362	26,236	0,88121	11,3144	0,95305	3,68492	0,9273	0,0018	0,96602	3
6.07.2019	620,466	0,001	369,631	0,001	212,992	0,001	129,64	0,001	67,0337	0,08176	26,3068	0,87891	11,3663	0,95163	3,68089	0,92758	0,00242	0,96067	3
7.07.2019	620,919	0,001	369,811	0,001	213,008	0,001	130,212	0,001	67,9506	0,06983	26,4564	0,87394	11,4344	0,94974	3,6437	0,93017	0,00217	0,96276	3
8.07.2019	620,342	0,001	369,287	0,001	212,1	0,001	130,895	0,001	68,0102	0,06912	26,4384	0,8746	11,3648	0,95167	3,6523	0,92957	0,00625	0,93693	3
9.07.2019	618,659	0,001	367,794	0,001	210,365	0,001	130,008	0,001	67,0658	0,08131	26,4348	0,87473	11,3494	0,95209	3,73715	0,9236	0,08535	0,79196	3
10.07.2019	617,872	0,001	366,619	0,001	209,082	0,001	129,064	0,001	66,2523	0,09318	26,4524	0,87408	11,367	0,95161	3,90349	0,91117	0,23132	0,73646	3
11.07.2019	620,647	0,001	369,152	0,001	211,383	0,001	132,147	0,001	68,2181	0,06666	26,765	0,86267	11,6799	0,94236	4,09624	0,89544	0,41842	0,66533	3
12.07.2019	618,393	0,001	365,903	0,001	208,265	0,001	128,866	0,001	66,7328	0,086	26,3604	0,87717	11,1962	0,95621	3,83078	0,91671	0,12611	0,77646	3
13.07.2019	617,084	0,001	363,544	0,001	206,353	0,001	125,73	0,001	64,2998	0,12753	26,2227	0,88164	11,1365	0,95773	3,905	0,91105	0,14058	0,77096	3
14.07.2019	617,43	0,001	364,297	0,001	207,108	0,001	128,663	0,001	65,8181	0,10002	26,6374	0,86733	11,5215	0,94718	4,12475	0,89297	0,36048	0,68736	3
15.07.2019	618,273	0,001	364,913	0,001	206,378	0,001	127,475	0,001	63,7759	0,13846	26,7084	0,86474	11,632	0,94386	4,47411	0,8616	0,47467	0,64395	3
16.07.2019	620,719	0,001	367,292	0,001	209,006	0,001	129,801	0,001	65,5349	0,10509	27,1931	0,84674	12,2319	0,92347	4,8617	0,82331	0,88179	0,48917	3
17.07.2019	622,77	0,001	367,857	0,001	209,254	0,001	130,334	0,001	66,4295	0,09047	26,9206	0,85699	11,8336	0,93744	4,39638	0,86894	0,51446	0,62882	3
18.07.2019	623,388	0,001	367,545	0,001	208,739	0,001	129,229	0,001	65,0479	0,1138	26,603	0,86858	11,4943	0,94798	4,13244	0,8923	0,26409	0,72401	3
19.07.2019	622,653	0,001	366,833	0,001	208,085	0,001	128,77	0,001	64,7416	0,11927	26,6165	0,86809	11,4893	0,94813	4,13207	0,89233	0,30205	0,70957	3
20.07.2019	621,124	0,001	365,312	0,001	206,127	0,001	126,621	0,001	64,0222	0,13332	26,3569	0,87728	11,2813	0,95396	4,01854	0,90203	0,14998	0,76739	3

21.07.2019	621,462	0,001	365,27	0,001	206,054	0,001	126,236	0,001	63,46	0,14505	26,4796	0,87309	11,3632	0,95171	4,04382	0,89998	0,14977	0,76747	3
22.07.2019	620,945	0,001	364,374	0,001	205,387	0,001	125,623	0,001	63,0779	0,15342	26,4379	0,87461	11,2988	0,95348	4,0677	0,89791	0,14082	0,77087	3
23.07.2019	622,338	0,001	365,377	0,001	206,052	0,001	126,249	0,001	63,4369	0,14553	26,6803	0,86576	11,5116	0,94747	4,16559	0,88943	0,20988	0,74462	3
24.07.2019	623,493	0,001	366,191	0,001	206,565	0,001	126,815	0,001	64,0046	0,13369	26,9051	0,85755	11,7561	0,93998	4,2152	0,88513	0,23909	0,73351	3
25.07.2019	624,39	0,001	366,639	0,001	206,758	0,001	126,948	0,001	64,05	0,13274	26,9382	0,85634	11,7886	0,93892	4,26927	0,88044	0,28801	0,71491	3
26.07.2019	624,883	0,001	366,688	0,001	206,659	0,001	126,62	0,001	63,7307	0,1394	26,8911	0,85807	11,7756	0,93934	4,27965	0,87955	0,28238	0,71705	3
27.07.2019	626,09	0,001	367,533	0,001	207,333	0,001	127,171	0,001	64,0256	0,13325	27,0288	0,85304	11,8908	0,93556	4,40443	0,86818	0,4003	0,67222	3
28.07.2019	626,988	0,001	368,05	0,001	207,578	0,001	127,347	0,001	64,1299	0,13108	27,0432	0,85251	11,8949	0,93543	4,41724	0,86697	0,40898	0,66892	3
29.07.2019	628,31	0,001	368,974	0,001	208,267	0,001	127,948	0,001	64,4211	0,125	27,1711	0,84763	12,0158	0,93127	4,49767	0,85938	0,4872	0,63918	3
30.07.2019	629,272	0,001	369,645	0,001	208,712	0,001	128,512	0,001	64,8742	0,1169	27,2874	0,84296	12,0964	0,92842	4,54801	0,85463	0,55824	0,61218	3
31.07.2019	630,096	0,001	370,116	0,001	209,066	0,001	128,767	0,001	65,0667	0,11346	27,2328	0,84515	12,0199	0,93113	4,43644	0,86516	0,45692	0,65069	3
1.08.2019	630,218	0,001	369,873	0,001	208,643	0,001	128,223	0,001	64,7949	0,11832	27,0396	0,85264	11,822	0,93782	4,31272	0,87668	0,34889	0,69177	3
2.08.2019	630,623	0,001	370,056	0,001	208,777	0,001	128,723	0,001	64,9557	0,11544	27,1188	0,84973	11,9187	0,93463	4,43692	0,86511	0,48564	0,63978	3
3.08.2019	630,592	0,001	369,936	0,001	208,567	0,001	128,732	0,001	65,1001	0,11286	27,1884	0,84693	12,0161	0,93126	4,51694	0,85756	0,56159	0,6109	3
4.08.2019	630,859	0,001	370,19	0,001	208,684	0,001	129,482	0,001	65,6649	0,10276	27,2475	0,84456	12,1649	0,92595	4,57561	0,85203	0,65228	0,57642	3
5.08.2019	630,854	0,001	369,553	0,001	208,166	0,001	129,196	0,001	65,3741	0,10796	27,2711	0,84361	12,1525	0,9264	4,67319	0,84235	0,72904	0,54724	3
6.08.2019	631,558	0,001	370,068	0,001	208,308	0,001	129,409	0,001	66,0264	0,0967	27,2997	0,84246	12,2364	0,9233	4,69851	0,8398	0,78428	0,52624	3
7.08.2019	629,678	0,001	367,616	0,001	205,855	0,001	127,178	0,001	65,0952	0,11295	26,7412	0,86354	11,886	0,93572	4,52979	0,85635	0,60425	0,59468	3
8.08.2019	628,377	0,001	365,935	0,001	203,86	0,001	124,329	0,001	63,8981	0,13591	26,295	0,8793	11,573	0,94566	4,27	0,88038	0,34791	0,69214	3
9.08.2019	628,186	0,001	365,419	0,001	203,221	0,001	124,07	0,001	63,0673	0,15367	26,4396	0,87455	11,6433	0,94351	4,47737	0,86129	0,52458	0,62497	3
10.08.2019	629,37	0,001	365,498	0,001	203,144	0,001	123,88	0,001	63,7096	0,13984	26,7358	0,86374	11,8841	0,93578	4,43273	0,86551	0,48414	0,64035	3
11.08.2019	630,426	0,001	366,16	0,001	203,527	0,001	124,068	0,001	63,6144	0,14183	26,7859	0,86191	11,8628	0,93648	4,4008	0,86852	0,42708	0,66204	3
12.08.2019	629,537	0,001	364,929	0,001	202,096	0,001	122,397	0,001	62,1833	0,17456	26,7351	0,86376	11,7643	0,93971	4,39892	0,8687	0,41327	0,66729	3
13.08.2019	629,487	0,001	364,593	0,001	201,617	0,001	121,721	0,001	61,3263	0,19702	26,9156	0,85717	11,8642	0,93643	4,52187	0,8571	0,4881	0,63884	3
14.08.2019	632,254	0,001	366,856	0,001	203,738	0,001	123,895	0,001	62,5357	0,16623	27,3956	0,83861	12,319	0,92019	4,82406	0,82718	0,77803	0,52861	3
15.08.2019	632,596	0,001	366,934	0,001	203,489	0,001	123,528	0,001	62,4865	0,16739	27,1721	0,84759	12,0791	0,92904	4,65614	0,84406	0,60187	0,59559	3
16.08.2019	633,692	0,001	367,51	0,001	203,852	0,001	123,753	0,001	62,4324	0,16867	27,2505	0,84444	12,1266	0,92733	4,73756	0,83587	0,66711	0,57079	3
17.08.2019	634,496	0,001	367,801	0,001	203,863	0,001	123,697	0,001	62,6338	0,16391	27,3378	0,84093	12,2033	0,92455	4,8333	0,82625	0,77228	0,5308	3
18.08.2019	635,243	0,001	368,242	0,001	204,054	0,001	123,821	0,001	63,1205	0,15241	27,3253	0,84143	12,2185	0,92398	4,75058	0,83457	0,70666	0,55575	3
19.08.2019	635,398	0,001	367,917	0,001	203,48	0,001	123,128	0,001	62,5451	0,16601	27,155	0,84827	12,0691	0,9294	4,71308	0,83834	0,66738	0,57068	3
20.08.2019	635,905	0,001	368,044	0,001	203,38	0,001	122,908	0,001	61,9377	0,18096	27,3598	0,84005	12,159	0,92617	4,83312	0,82627	0,75931	0,53573	3
21.08.2019	637,174	0,001	368,926	0,001	204,111	0,001	123,531	0,001	62,5826	0,16512	27,6491	0,82843	12,3943	0,91725	4,97067	0,81182	0,88304	0,4887	3
22.08.2019	638,169	0,001	369,526	0,001	204,372	0,001	123,696	0,001	62,9568	0,15628	27,7024	0,82629	12,4314	0,91579	4,94724	0,81429	0,86138	0,49693	3
23.08.2019	638,849	0,001	369,799	0,001	204,414	0,001	123,622	0,001	62,4966	0,16715	27,7409	0,82473	12,4223	0,91615	4,96443	0,81248	0,865	0,49555	3
24.08.2019	639,863	0,001	370,361	0,001	204,729	0,001	123,827	0,001	62,6893	0,1626	27,9486	0,81575	12,6014	0,90892	5,11701	0,79663	1,01208	0,43963	3
25.08.2019	641,101	0,001	371,252	0,001	205,394	0,001	124,391	0,001	63,0464	0,15416	28,0233	0,81252	12,6725	0,90595	5,14648	0,79374	1,03285	0,43174	3
26.08.2019	642,028	0,001	371,762	0,001	205,654	0,001	124,523	0,001	62,9938	0,1554	28,0528	0,81125	12,6625	0,90637	5,1799	0,79045	1,04616	0,42668	3
27.08.2019	642,707	0,001	371,958	0,001	205,591	0,001	124,322	0,001	62,756	0,16102	28,1694	0,80621	12,7282	0,90358	5,26992	0,78161	1,11345	0,4011	3
28.08.2019	644,481	0,001	373,339	0,001	206,738	0,001	125,455	0,001	63,2805	0,14879	28,578	0,78712	13,0928	0,88693	5,59841	0,74935	1,40303	0,291	3
29.08.2019	646,397	0,001	374,879	0,001	208,019	0,001	126,749	0,001	64,2462	0,12865	28,9923	0,76697	13,4747	0,86849	5,90032	0,7197	1,68459	0,19465	3

30.08.2019	647,298	0,001	375,193	0,001	208,111	0,001	126,692	0,001	64,2932	0,12767	28,9547	0,7688	13,4152	0,87158	5,8511	0,72454	1,62753	0,20565	3
31.08.2019	649,268	0,001	376,155	0,001	208,917	0,001	127,555	0,001	64,9224	0,11604	29,2446	0,75471	13,683	0,85766	6,07195	0,70284	1,8424	0,1747	3
1.09.2019	649,862	0,001	376,436	0,001	208,997	0,001	127,699	0,001	65,3489	0,10841	29,1947	0,75713	13,6618	0,85876	6,02875	0,70709	1,82015	0,17747	3
2.09.2019	649,37	0,001	375,504	0,001	208,252	0,001	126,889	0,001	64,9055	0,11634	28,8575	0,77353	13,4794	0,86825	5,93853	0,71595	1,738	0,18788	3
3.09.2019	649,683	0,001	375,652	0,001	208,452	0,001	127,11	0,001	64,8947	0,11654	28,9541	0,76883	13,5447	0,86485	6,00637	0,70929	1,80261	0,17969	3
4.09.2019	649,689	0,001	375,702	0,001	208,519	0,001	127,319	0,001	65,0737	0,11333	29,1103	0,76123	13,7202	0,85573	6,16456	0,69375	1,94708	0,16345	3
5.09.2019	648,747	0,001	374,375	0,001	207,088	0,001	125,549	0,001	64,2643	0,12827	28,8647	0,77318	13,5078	0,86677	6,04173	0,70581	1,8064	0,17921	3
6.09.2019	504,25	0,001	333,445	0,001	209,857	0,001	131,059	0,001	57,3113	0,35312	28,9234	0,77032	13,4656	0,86897	5,55826	0,7533	1,69968	0,19274	4
7.09.2019	503,831	0,001	332,817	0,001	209,078	0,001	131,112	0,001	57,1431	0,35973	28,9615	0,76847	13,4864	0,86788	5,55525	0,75359	1,69501	0,19333	4
8.09.2019	504,354	0,001	333,212	0,001	209,318	0,001	131,302	0,001	57,1437	0,3597	29,0188	0,76569	13,5378	0,86521	5,54854	0,75425	1,6856	0,19452	4
9.09.2019	503,96	0,001	332,771	0,001	208,822	0,001	131,072	0,001	56,8266	0,37215	29,1051	0,76149	13,6152	0,86119	5,60096	0,7491	1,72736	0,18923	4
10.09.2019	505,054	0,001	333,649	0,001	209,539	0,001	131,53	0,001	57,1447	0,35966	29,1163	0,76094	13,6269	0,86058	5,59225	0,74996	1,71882	0,19031	4
11.09.2019	506,042	0,001	334,557	0,001	210,127	0,001	132,007	0,001	57,9073	0,32973	29,2965	0,75218	13,7994	0,85161	5,73488	0,73595	1,85447	0,1734	4
12.09.2019	505,792	0,001	334,353	0,001	209,76	0,001	131,863	0,001	57,8033	0,33381	29,3457	0,74979	13,8305	0,84999	5,78212	0,73131	1,89463	0,16909	4
13.09.2019	505,674	0,001	334,14	0,001	209,365	0,001	131,89	0,001	57,7645	0,33534	29,3944	0,74742	13,8581	0,84843	5,80198	0,72936	1,91393	0,16701	4
14.09.2019	505,569	0,001	334,067	0,001	209,042	0,001	132,137	0,001	57,8044	0,33377	29,464	0,74404	13,9298	0,84437	5,85904	0,72375	1,96634	0,16138	4
15.09.2019	506,345	0,001	334,956	0,001	209,759	0,001	132,377	0,001	58,0117	0,32563	29,5265	0,741	14,031	0,83864	5,93906	0,7159	2,04333	0,15311	4
16.09.2019	506,794	0,001	335,531	0,001	210,244	0,001	132,779	0,001	58,2211	0,31741	29,5444	0,74013	14,055	0,83728	5,95153	0,71467	2,05558	0,1518	4
17.09.2019	506,539	0,001	334,766	0,001	209,57	0,001	132,855	0,001	58,0087	0,32575	29,4781	0,74335	13,9718	0,84199	5,87707	0,72198	1,98789	0,15907	4
18.09.2019	506,2	0,001	333,905	0,001	209,168	0,001	132,583	0,001	57,6683	0,33911	29,336	0,75026	13,7653	0,85339	5,66015	0,74329	1,763	0,18471	4
19.09.2019	507,188	0,001	335,102	0,001	210,083	0,001	133,004	0,001	57,9937	0,32634	29,4742	0,74354	13,8996	0,84608	5,8212	0,72747	1,90261	0,16823	4
20.09.2019	506,426	0,001	334,299	0,001	208,792	0,001	132,339	0,001	57,7958	0,33411	29,4349	0,74545	13,9071	0,84566	5,82184	0,72741	1,89383	0,16917	4
21.09.2019	506,382	0,001	334,221	0,001	208,694	0,001	132,018	0,001	57,9896	0,3265	29,5397	0,74035	13,9864	0,84117	5,86707	0,72297	1,93218	0,16505	4
22.09.2019	507,092	0,001	335,109	0,001	209,465	0,001	132,497	0,001	58,1277	0,32108	29,6136	0,73676	14,1018	0,83463	5,97542	0,71232	2,0056	0,15717	4
23.09.2019	507,745	0,001	335,848	0,001	210,101	0,001	132,641	0,001	57,3596	0,35123	29,5	0,74228	14,2396	0,82683	6,14755	0,69542	2,14676	0,14338	4
24.09.2019	510,093	0,001	338,086	0,001	212,136	0,001	133,415	0,001	58,4614	0,30798	29,5283	0,74091	14,5062	0,81087	6,37315	0,67326	2,34605	0,12566	4
25.09.2019	510,58	0,001	338,581	0,001	212,654	0,001	134,038	0,001	58,3572	0,31207	29,3828	0,74799	14,4747	0,81277	6,35007	0,67553	2,30739	0,1291	4
26.09.2019	511,266	0,001	339,397	0,001	213,437	0,001	134,476	0,001	58,6848	0,29921	29,3438	0,74988	14,5339	0,8092	6,3879	0,67182	2,33822	0,12636	4
27.09.2019	510,834	0,001	339,042	0,001	213,227	0,001	134,381	0,001	58,6495	0,3006	29,3479	0,74968	14,517	0,81022	6,42674	0,668	2,37437	0,12352	4
28.09.2019	511,355	0,001	339,615	0,001	213,548	0,001	134,507	0,001	58,5086	0,30613	29,313	0,75138	14,5327	0,80927	6,46154	0,66458	2,40259	0,12151	4
29.09.2019	511,867	0,001	339,876	0,001	213,63	0,001	134,64	0,001	58,9092	0,29041	29,4119	0,74657	14,6021	0,80509	6,50062	0,66074	2,43598	0,11914	4
30.09.2019	511,922	0,001	339,762	0,001	213,354	0,001	134,671	0,001	58,9117	0,29031	29,4391	0,74524	14,5973	0,80538	6,50416	0,6604	2,43353	0,11932	4
1.10.2019	512,249	0,001	339,911	0,001	213,307	0,001	134,667	0,001	58,9259	0,28975	29,4743	0,74354	14,6237	0,80379	6,50697	0,66012	2,43034	0,11954	4
2.10.2019	512,44	0,001	339,868	0,001	213,097	0,001	134,51	0,001	58,8373	0,29323	29,4705	0,74372	14,6419	0,80269	6,52803	0,65805	2,44591	0,11844	4
3.10.2019	513,253	0,001	340,454	0,001	213,517	0,001	134,688	0,001	58,8607	0,29231	29,4675	0,74387	14,6696	0,80102	6,53145	0,65772	2,4439	0,11858	4
4.10.2019	513,483	0,001	340,452	0,001	213,361	0,001	134,763	0,001	58,8597	0,29235	29,4776	0,74337	14,6946	0,79948	6,53873	0,657	2,44559	0,11846	4
5.10.2019	514,002	0,001	340,788	0,001	213,534	0,001	134,702	0,001	58,5896	0,30295	29,356	0,74929	14,6879	0,79991	6,54165	0,65672	2,44364	0,1186	4
6.10.2019	514,625	0,001	341,11	0,001	213,692	0,001	134,957	0,001	59,0976	0,28301	29,539	0,74039	14,7516	0,79581	6,55849	0,65506	2,4549	0,1178	4
7.10.2019	514,184	0,001	340,486	0,001	212,883	0,001	134,389	0,001	58,8343	0,29335	29,4734	0,74358	14,7283	0,79731	6,54768	0,65612	2,43828	0,11898	4
8.10.2019	514,627	0,001	340,673	0,001	212,893	0,001	134,306	0,001	59,168	0,28025	29,6448	0,73524	14,7793	0,79403	6,55782	0,65513	2,44662	0,11839	4

9.10.2019	513,166	0,001	339,025	0,001	211,084	0,001	132,912	0,001	58,6902	0,299	29,6646	0,73428	14,6661	0,80123	6,51774	0,65906	2,40199	0,12156	4
10.10.2019	514,175	0,001	339,82	0,001	211,704	0,001	133,23	0,001	58,4488	0,30848	29,6211	0,7364	14,6893	0,79982	6,54267	0,65661	2,4203	0,12026	4
11.10.2019	514,734	0,001	340,007	0,001	211,694	0,001	133,063	0,001	58,8381	0,2932	29,6822	0,73342	14,7882	0,79345	6,5758	0,65336	2,44669	0,11838	4
12.10.2019	514,75	0,001	339,81	0,001	211,331	0,001	132,792	0,001	58,7178	0,29792	29,6839	0,73334	14,7479	0,79605	6,54592	0,6563	2,41042	0,12096	4
13.10.2019	514,036	0,001	338,859	0,001	210,269	0,001	131,904	0,001	58,3443	0,31258	29,6939	0,73286	14,6627	0,80143	6,46235	0,6645	2,32647	0,1274	4
14.10.2019	514,304	0,001	338,869	0,001	210,114	0,001	131,632	0,001	58,0865	0,3227	29,622	0,73635	14,6616	0,8015	6,48512	0,66227	2,3406	0,12615	4
15.10.2019	514,846	0,001	339,182	0,001	210,253	0,001	131,725	0,001	57,9864	0,32662	29,6145	0,73672	14,6367	0,803	6,48119	0,66265	2,328	0,12727	4
16.10.2019	515,625	0,001	339,737	0,001	210,532	0,001	131,792	0,001	58,2948	0,31452	29,6936	0,73287	14,7205	0,79781	6,51098	0,65973	2,34942	0,12536	4
17.10.2019	515,317	0,001	339,192	0,001	209,823	0,001	131,208	0,001	58,0797	0,32296	29,6085	0,73701	14,6249	0,80372	6,44132	0,66657	2,27432	0,13204	4
18.10.2019	516,097	0,001	339,729	0,001	210,199	0,001	131,422	0,001	58,1434	0,32047	29,6611	0,73445	14,6858	0,80004	6,47287	0,66347	2,29911	0,12984	4
19.10.2019	516,471	0,001	339,866	0,001	210,182	0,001	131,307	0,001	58,3767	0,31131	29,7774	0,7288	14,7058	0,79876	6,46428	0,66431	2,28864	0,13077	4
20.10.2019	516,738	0,001	339,901	0,001	210,286	0,001	131,292	0,001	58,3262	0,31329	29,7992	0,72774	14,7198	0,79785	6,4883	0,66195	2,3063	0,1292	4
21.10.2019	517,386	0,001	340,317	0,001	210,464	0,001	131,399	0,001	58,2755	0,31528	29,8227	0,72659	14,7532	0,79571	6,51069	0,65976	2,32193	0,12781	4
22.10.2019	517,778	0,001	340,504	0,001	210,369	0,001	131,39	0,001	57,9017	0,32995	29,6565	0,73467	14,7307	0,79715	6,52438	0,65841	2,32978	0,12711	4
23.10.2019	519,3	0,001	341,806	0,001	211,467	0,001	132,232	0,001	58,3791	0,31121	29,7282	0,73119	14,8878	0,78705	6,6007	0,65092	2,40171	0,12158	4
24.10.2019	519,75	0,001	341,964	0,001	211,467	0,001	132,065	0,001	59,2165	0,27835	30,138	0,71126	14,9574	0,78257	6,57626	0,65332	2,37178	0,1237	4
25.10.2019	518,929	0,001	340,942	0,001	210,649	0,001	131,144	0,001	59,1533	0,28083	30,2257	0,70699	14,9035	0,78604	6,5404	0,65684	2,33759	0,12641	4
26.10.2019	517,796	0,001	339,586	0,001	209,893	0,001	130,218	0,001	59,1094	0,28255	30,3556	0,70068	14,9406	0,78365	6,59668	0,65131	2,39703	0,12191	4
27.10.2019	517,414	0,001	338,987	0,001	209,593	0,001	129,821	0,001	58,7438	0,2969	30,3935	0,69884	14,976	0,78137	6,61884	0,64913	2,4143	0,12068	4
28.10.2019	517,999	0,001	339,657	0,001	209,482	0,001	129,765	0,001	58,631	0,30133	30,4621	0,6955	14,9783	0,78122	6,59264	0,65171	2,39116	0,12233	4
29.10.2019	518,332	0,001	339,864	0,001	209,377	0,001	129,622	0,001	58,0509	0,32409	30,3913	0,69894	14,9404	0,78366	6,55817	0,65509	2,35226	0,12511	4
30.10.2019	519,426	0,001	340,752	0,001	210,098	0,001	130,22	0,001	58,317	0,31365	30,4654	0,69534	14,9717	0,78165	6,5686	0,65407	2,35687	0,12476	4
31.10.2019	519,714	0,001	340,821	0,001	209,9	0,001	129,874	0,001	58,4989	0,30651	30,4777	0,69475	14,9784	0,78121	6,55414	0,65549	2,33234	0,12688	4
1.11.2019	520,119	0,001	340,994	0,001	209,903	0,001	129,774	0,001	58,5571	0,30423	30,5473	0,69136	15,0003	0,77981	6,54197	0,65668	2,30839	0,12901	4
2.11.2019	520,065	0,001	340,892	0,001	209,63	0,001	129,408	0,001	58,2979	0,3144	30,5407	0,69168	14,9855	0,78076	6,52671	0,65818	2,28162	0,13139	4
3.11.2019	520,594	0,001	341,18	0,001	209,835	0,001	129,507	0,001	58,5431	0,30478	30,6419	0,68676	14,9971	0,78001	6,53053	0,65781	2,28389	0,13119	4
4.11.2019	520,919	0,001	341,297	0,001	209,754	0,001	129,325	0,001	58,3394	0,31277	30,6106	0,68828	14,9697	0,78177	6,48658	0,66212	2,22864	0,1361	4
5.11.2019	521,792	0,001	341,917	0,001	210,163	0,001	129,63	0,001	58,5343	0,30512	30,6585	0,68595	14,9917	0,78036	6,47194	0,66356	2,20504	0,1382	4

Maximum Eigen Value Test Stat																		
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8	
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value
7.09.2018	131,321	0,001	129,29	0,001	58,1669	0,00239	35,7032	0,14375	18,5107	0,85051	17,8826	0,53579	11,494	0,62088	5,10237	0,73895	0,72779	0,54772
8.09.2018	131,709	0,001	129,521	0,001	58,2821	0,0023	35,5162	0,14948	18,6082	0,84488	17,8965	0,53475	11,5018	0,62021	5,0869	0,74059	0,74954	0,53945
9.09.2018	132,047	0,001	129,493	0,001	58,4213	0,0022	35,3533	0,15511	18,5945	0,84568	17,948	0,53094	11,5469	0,61638	5,14297	0,73465	0,77037	0,53153
10.09.2018	132,358	0,001	129,88	0,001	58,5819	0,00207	35,2745	0,15788	18,64	0,84303	18,044	0,52382	11,5701	0,61441	5,17148	0,73163	0,80027	0,52016
11.09.2018	132,819	0,001	130,328	0,001	58,7567	0,00194	34,713	0,17787	18,6563	0,84208	18,1172	0,5184	11,5479	0,6163	5,22742	0,7257	0,77347	0,53035
12.09.2018	133,1	0,001	130,538	0,001	58,8144	0,0019	34,4392	0,18856	18,674	0,84105	18,0395	0,52416	11,5596	0,6153	5,18607	0,73008	0,80656	0,51777
13.09.2018	133,18	0,001	130,975	0,001	58,9187	0,00182	34,7664	0,17578	18,6262	0,84383	17,9791	0,52863	11,6233	0,60988	5,21471	0,72704	0,83937	0,5053
14.09.2018	133,459	0,001	131,334	0,001	59,0646	0,00171	34,9487	0,16931	18,7096	0,83897	18,0653	0,52224	11,7239	0,60133	5,24317	0,72402	0,72289	0,54958
15.09.2018	133,272	0,001	131,648	0,001	59,2035	0,00161	35,0118	0,16709	18,7611	0,83597	18,0317	0,52474	11,765	0,59783	5,23149	0,72526	0,77608	0,52936
16.09.2018	133,674	0,001	131,937	0,001	59,4035	0,00145	34,7624	0,17594	18,6683	0,84138	18,2125	0,51133	11,808	0,59417	5,24765	0,72355	0,79447	0,52236
17.09.2018	134,173	0,001	132,305	0,001	59,5093	0,00137	34,5726	0,18335	18,7908	0,83425	18,2047	0,51191	11,8151	0,59357	5,19547	0,72908	0,82021	0,51258
18.09.2018	134,536	0,001	132,625	0,001	59,4743	0,0014	34,611	0,18185	18,8078	0,83325	18,1136	0,51866	11,8859	0,58755	5,17915	0,73081	0,86658	0,49495
19.09.2018	134,882	0,001	132,912	0,001	59,5176	0,00137	34,6404	0,1807	18,8294	0,83199	18,0837	0,52087	11,9258	0,58416	5,21662	0,72684	0,85283	0,50018
20.09.2018	135,287	0,001	133,254	0,001	58,9955	0,00176	34,8525	0,17268	18,8846	0,82878	17,7619	0,54474	12,0344	0,57492	5,29504	0,71853	0,8519	0,50053
21.09.2018	135,671	0,001	133,507	0,001	58,696	0,00199	35,006	0,1673	18,8458	0,83104	17,4154	0,57042	12,119	0,56773	5,23538	0,72485	0,89671	0,4835
22.09.2018	136,025	0,001	132,959	0,001	58,592	0,00207	35,07	0,16505	18,8807	0,82901	17,191	0,58706	12,1664	0,5637	5,21586	0,72692	0,8672	0,49471
23.09.2018	137,127	0,001	134,338	0,001	59,3068	0,00153	34,807	0,17428	18,8673	0,82979	17,0277	0,59916	12,1306	0,56674	5,32816	0,71502	0,78605	0,52557
24.09.2018	135,684	0,001	133,264	0,001	59,4461	0,00142	34,6682	0,17962	18,9001	0,82788	16,6822	0,62478	12,0418	0,57429	5,21374	0,72715	0,6552	0,57531
25.09.2018	136,314	0,001	130,538	0,001	59,2858	0,00154	34,5393	0,18465	18,9524	0,82482	16,6436	0,62764	12,2079	0,56017	5,17982	0,73074	0,56044	0,61134
26.09.2018	136,701	0,001	128,362	0,001	59,3629	0,00148	34,7845	0,17508	18,9842	0,82284	16,476	0,64007	12,0851	0,57061	5,17265	0,7315	0,68594	0,56363
27.09.2018	137,021	0,001	128,676	0,001	59,6376	0,00128	34,9146	0,1705	19,0306	0,81995	16,545	0,63495	12,0996	0,56938	5,25473	0,7228	0,66042	0,57333
28.09.2018	137,347	0,001	127,565	0,001	59,7671	0,00118	34,9924	0,16777	19,0784	0,81697	16,4206	0,64418	12,0911	0,5701	5,23004	0,72542	0,65339	0,576
29.09.2018	137,6	0,001	126,897	0,001	59,7957	0,00116	35,0992	0,16403	19,1347	0,81346	16,2591	0,65615	12,2323	0,55809	5,18852	0,72982	0,66935	0,56993
30.09.2018	137,875	0,001	127,195	0,001	59,9411	0,00105	35,0571	0,1655	19,1828	0,81046	16,3041	0,65282	12,2754	0,55443	5,1933	0,72931	0,67569	0,56753
1.10.2018	138,173	0,001	127,008	0,001	60,077	0,001	35,0827	0,1646	19,2322	0,80739	16,1615	0,66338	12,2741	0,55454	5,19585	0,72904	0,70502	0,55637
2.10.2018	138,107	0,001	126,207	0,001	60,2788	0,001	35,3287	0,15598	19,2782	0,80452	16,2575	0,65627	12,244	0,55709	5,227	0,72574	0,57106	0,6073
3.10.2018	138,497	0,001	125,277	0,001	60,2885	0,001	35,3384	0,15564	19,33	0,80129	16,4613	0,64116	12,2814	0,55391	5,26558	0,72165	0,58583	0,60169
4.10.2018	138,733	0,001	125,115	0,001	60,4485	0,001	35,3153	0,15645	19,3802	0,79802	16,5289	0,63615	12,3049	0,55192	5,30453	0,71752	0,66289	0,57239
5.10.2018	139,018	0,001	125,251	0,001	60,5667	0,001	35,5656	0,14796	19,4298	0,79469	16,5806	0,63231	12,3152	0,55105	5,31738	0,71616	0,62833	0,58553
6.10.2018	139,25	0,001	124,983	0,001	60,8149	0,001	35,5134	0,14956	19,4815	0,79123	16,7493	0,61981	12,3076	0,55169	5,33937	0,71383	0,66803	0,57044
7.10.2018	139,594	0,001	125,727	0,001	60,9865	0,001	35,6468	0,14547	19,5317	0,78787	16,9619	0,60405	12,3138	0,55116	5,39457	0,70798	0,66955	0,56986
8.10.2018	139,935	0,001	125,709	0,001	61,1713	0,001	35,576	0,14764	19,5816	0,78452	16,8629	0,61138	12,3276	0,54999	5,38017	0,7095	0,74104	0,54268
9.10.2018	140,294	0,001	125,595	0,001	61,3101	0,001	35,4763	0,1508	19,622	0,78181	16,8508	0,61228	12,3517	0,54794	5,36396	0,71122	0,76263	0,53447
10.10.2018	166,338	0,001	110,607	0,001	69,0397	0,001	57,0142	0,001	31,0112	0,1063	16,9158	0,60746	12,5547	0,53068	5,45274	0,70181	0,55465	0,61354
11.10.2018	166,75	0,001	109,372	0,001	69,2057	0,001	56,9118	0,001	31,0977	0,10391	17,0914	0,59444	12,5911	0,52759	5,39501	0,70793	0,59111	0,59968
12.10.2018	167,073	0,001	110,063	0,001	69,3721	0,001	57,1327	0,001	31,2355	0,1001	17,243	0,58321	12,668	0,52104	5,47577	0,69937	0,61008	0,59247
13.10.2018	167,631	0,001	110,245	0,001	69,5479	0,001	57,2531	0,001	31,2464	0,09982	17,3273	0,57696	12,6858	0,51953	5,45579	0,70149	0,68361	0,56451

14.10.2018	168,09	0,001	110,354	0,001	69,7016	0,001	57,3723	0,001	31,3332	0,09768	17,4689	0,56646	12,7081	0,51763	5,50721	0,69603	0,70907	0,55483
15.10.2018	168,496	0,001	110,732	0,001	69,8675	0,001	57,5347	0,001	31,438	0,09511	17,444	0,5683	12,7408	0,51485	5,51438	0,69527	0,63001	0,58489
16.10.2018	168,805	0,001	110,912	0,001	70,0226	0,001	57,6508	0,001	31,4985	0,09368	17,3589	0,57461	12,7686	0,51249	5,46881	0,7001	0,6871	0,56318
17.10.2018	169,078	0,001	111,305	0,001	70,1969	0,001	57,7433	0,001	31,5283	0,09298	17,2452	0,58304	12,7804	0,51148	5,48477	0,69841	0,65479	0,57547
18.10.2018	169,395	0,001	111,514	0,001	70,415	0,001	57,8859	0,001	31,6167	0,0909	17,0678	0,59619	12,8031	0,50956	5,4651	0,7005	0,61338	0,59121
19.10.2018	169,868	0,001	111,647	0,001	70,5877	0,001	58,0271	0,001	31,7097	0,08878	17,0143	0,60016	12,8419	0,50625	5,42801	0,70443	0,58086	0,60358
20.10.2018	170,277	0,001	111,771	0,001	70,7269	0,001	58,1063	0,001	31,7957	0,08684	17,0218	0,5996	12,8555	0,5051	5,39991	0,70741	0,58767	0,60099
21.10.2018	170,684	0,001	111,835	0,001	70,886	0,001	58,2499	0,001	31,8585	0,08544	16,9981	0,60137	12,886	0,50251	5,3862	0,70886	0,59579	0,5979
22.10.2018	171,076	0,001	112,058	0,001	71,0527	0,001	58,3775	0,001	31,919	0,08412	17,0145	0,60015	12,9029	0,50107	5,38667	0,70881	0,60103	0,59591
23.10.2018	171,449	0,001	112,216	0,001	71,2192	0,001	58,5349	0,001	32,0223	0,08191	16,9631	0,60395	12,9409	0,49784	5,38436	0,70906	0,59736	0,5973
24.10.2018	171,828	0,001	112,252	0,001	71,393	0,001	58,6807	0,001	32,0805	0,08066	16,9892	0,60202	12,9854	0,49405	5,36825	0,71077	0,6065	0,59383
25.10.2018	172,156	0,001	112,371	0,001	71,5405	0,001	58,8229	0,001	32,1639	0,07894	17,0398	0,59827	13,0226	0,49089	5,3916	0,70829	0,63426	0,58327
26.10.2018	172,522	0,001	112,522	0,001	71,7058	0,001	58,9687	0,001	32,2206	0,0778	17,0833	0,59504	13,0596	0,48774	5,40689	0,70667	0,65794	0,57427
27.10.2018	172,951	0,001	112,493	0,001	71,8617	0,001	59,1119	0,001	32,2981	0,07623	17,1052	0,59342	13,1033	0,48403	5,39868	0,70754	0,6977	0,55915
28.10.2018	173,351	0,001	112,84	0,001	72,0203	0,001	59,2577	0,001	32,2663	0,07688	17,1251	0,59194	13,1408	0,48084	5,41001	0,70634	0,72018	0,55061
29.10.2018	173,797	0,001	112,838	0,001	72,1711	0,001	59,4064	0,001	32,366	0,07487	17,175	0,58825	13,1708	0,47828	5,36076	0,71156	0,74978	0,53936
30.10.2018	174,187	0,001	113,02	0,001	72,3344	0,001	59,5529	0,001	32,4501	0,07328	17,2003	0,58637	13,2092	0,47502	5,39141	0,70831	0,75074	0,53899
31.10.2018	174,584	0,001	113,07	0,001	72,4744	0,001	59,6997	0,001	32,5445	0,07148	17,1996	0,58642	13,2347	0,47285	5,39315	0,70813	0,78073	0,52759
1.11.2018	174,988	0,001	113,121	0,001	72,6362	0,001	59,8176	0,001	32,6063	0,07031	17,189	0,58721	13,285	0,46858	5,40588	0,70678	0,7714	0,53114
2.11.2018	175,353	0,001	113,571	0,001	72,8624	0,001	59,9854	0,001	32,6363	0,06975	17,2056	0,58598	13,2874	0,46837	5,43435	0,70376	0,7822	0,52703
3.11.2018	175,719	0,001	113,687	0,001	73,0464	0,001	60,1273	0,001	32,7548	0,06765	17,2235	0,58465	13,2872	0,46838	5,40659	0,7067	0,76472	0,53368
4.11.2018	175,927	0,001	113,713	0,001	73,1203	0,001	60,2518	0,001	32,8419	0,0661	17,1734	0,58836	13,3004	0,46727	5,38697	0,70878	0,7511	0,53885
5.11.2018	176,042	0,001	113,869	0,001	73,3393	0,001	60,3986	0,001	32,9647	0,06398	17,1988	0,58648	13,3213	0,46548	5,38472	0,70902	0,73645	0,54442
6.11.2018	175,943	0,001	114,242	0,001	73,2806	0,001	60,5436	0,001	33,0856	0,06197	16,9902	0,60195	13,3196	0,46563	5,36099	0,71154	0,76444	0,53378
7.11.2018	176,494	0,001	114,013	0,001	73,4997	0,001	60,682	0,001	33,1287	0,06126	16,9695	0,60348	13,3099	0,46646	5,25857	0,72239	0,70963	0,55462
8.11.2018	177,02	0,001	114,316	0,001	73,5699	0,001	60,7984	0,001	33,0678	0,06227	17,0116	0,60036	13,359	0,46229	5,31928	0,71596	0,68547	0,5638
9.11.2018	177,447	0,001	114,602	0,001	73,9551	0,001	60,9279	0,001	33,2075	0,05995	17,0504	0,59748	13,3921	0,45946	5,30768	0,71719	0,69384	0,56062
10.11.2018	177,843	0,001	114,83	0,001	74,0317	0,001	61,0441	0,001	33,2414	0,05942	16,9386	0,60577	13,4351	0,45581	5,26841	0,72135	0,70283	0,5572
11.11.2018	178,202	0,001	115,283	0,001	74,239	0,001	60,9097	0,001	33,2332	0,05955	16,8856	0,60971	13,3822	0,46031	5,2847	0,71962	0,68645	0,56343
12.11.2018	178,626	0,001	115,494	0,001	74,4311	0,001	61,1129	0,001	33,3396	0,0579	16,6797	0,62497	13,4575	0,45391	5,16507	0,7323	0,67179	0,56901
13.11.2018	179,058	0,001	115,572	0,001	74,6141	0,001	61,2803	0,001	32,9647	0,06398	16,6	0,63088	13,6133	0,44066	4,9781	0,75213	0,6591	0,57383
14.11.2018	179,484	0,001	115,767	0,001	74,8713	0,001	61,2919	0,001	33,1338	0,06117	16,7615	0,6189	13,7217	0,43144	5,02804	0,74683	0,77449	0,52996
15.11.2018	179,907	0,001	116,119	0,001	75,137	0,001	61,3144	0,001	33,0906	0,06189	16,5962	0,63116	13,7873	0,42586	5,07626	0,74172	0,83499	0,50696
16.11.2018	180,297	0,001	116,414	0,001	75,2881	0,001	61,3913	0,001	33,0888	0,06192	16,5752	0,63271	13,8602	0,41966	5,06429	0,74299	0,88854	0,4866
17.11.2018	180,693	0,001	116,62	0,001	75,4695	0,001	61,4679	0,001	33,1748	0,06049	16,3862	0,64673	13,9068	0,4157	5,01188	0,74854	0,92582	0,47243
18.11.2018	181,297	0,001	117,012	0,001	75,6566	0,001	61,7282	0,001	32,8022	0,0668	16,1225	0,66628	13,9742	0,40997	4,7486	0,77646	0,86189	0,49674
19.11.2018	181,681	0,001	116,935	0,001	75,7613	0,001	61,678	0,001	32,6309	0,06985	15,7792	0,69173	14,0428	0,40413	4,61295	0,79084	1,02253	0,43566
20.11.2018	182,136	0,001	116,072	0,001	76,2003	0,001	61,5769	0,001	32,8667	0,06566	15,7945	0,69059	14,0283	0,40537	4,73352	0,77805	1,14948	0,3874
21.11.2018	182,573	0,001	116,991	0,001	76,3589	0,001	61,7135	0,001	32,6245	0,06997	15,9511	0,67899	14,0019	0,40761	4,80505	0,77047	1,14444	0,38932
22.11.2018	183,261	0,001	117,031	0,001	76,5308	0,001	61,8044	0,001	32,6105	0,07023	16,3606	0,64862	14,0216	0,40594	4,73402	0,778	1,31012	0,32633

23.11.2018	183,71	0,001	116,745	0,001	76,7098	0,001	61,9775	0,001	32,3088	0,07602	16,1832	0,66178	13,9071	0,41568	4,61487	0,79063	1,37072	0,30329
24.11.2018	184,114	0,001	116,255	0,001	76,8712	0,001	62,138	0,001	32,5399	0,07157	16,6542	0,62686	13,8127	0,4237	4,72847	0,77859	1,49283	0,25686
25.11.2018	184,582	0,001	116,341	0,001	77,111	0,001	62,1388	0,001	32,3741	0,07472	16,6659	0,62599	13,7108	0,43237	4,74855	0,77646	1,52627	0,24415
26.11.2018	184,989	0,001	116,439	0,001	77,1545	0,001	62,3082	0,001	32,4936	0,07245	16,9818	0,60257	13,7083	0,43258	4,79579	0,77145	1,62095	0,20815
27.11.2018	185,322	0,001	115,911	0,001	77,3328	0,001	62,3189	0,001	32,6508	0,0695	17,2245	0,58457	13,6899	0,43414	4,88956	0,76151	1,60953	0,21249
28.11.2018	185,57	0,001	116,619	0,001	77,5308	0,001	62,3419	0,001	32,6365	0,06975	17,3037	0,57871	13,8182	0,42323	4,93189	0,75702	1,5891	0,22026
29.11.2018	186,058	0,001	117,101	0,001	77,5303	0,001	62,4919	0,001	32,5669	0,07106	17,2787	0,58056	13,842	0,42121	4,83872	0,7669	1,55466	0,23336
30.11.2018	186,471	0,001	116,964	0,001	77,6805	0,001	62,5662	0,001	32,744	0,06784	17,1015	0,5937	13,91	0,41542	4,82247	0,76862	1,57326	0,22628
1.12.2018	186,814	0,001	117,19	0,001	77,8921	0,001	62,4842	0,001	32,774	0,06731	16,938	0,60582	13,8363	0,42169	4,83134	0,76768	1,49181	0,25725
2.12.2018	187,255	0,001	117,439	0,001	78,0547	0,001	62,61	0,001	32,7616	0,06753	16,9816	0,60259	13,7694	0,42739	4,75566	0,77571	1,50632	0,25173
3.12.2018	187,584	0,001	117,529	0,001	78,244	0,001	62,7532	0,001	32,8658	0,06567	17,1454	0,59044	13,7833	0,4262	4,75709	0,77556	1,50739	0,25133
4.12.2018	188,04	0,001	117,888	0,001	78,4261	0,001	63,1335	0,001	32,8764	0,06548	17,3753	0,5734	13,794	0,42529	4,7478	0,77654	1,34457	0,31323
5.12.2018	188,464	0,001	118,168	0,001	78,5844	0,001	63,3319	0,001	32,8408	0,06612	17,6635	0,55203	13,7436	0,42958	4,7393	0,77744	1,30862	0,32689
6.12.2018	188,656	0,001	118,211	0,001	78,7958	0,001	62,934	0,001	32,8077	0,06671	17,879	0,53605	13,6656	0,43621	4,74384	0,77696	1,48818	0,25863
7.12.2018	188,921	0,001	118,513	0,001	79,0037	0,001	62,8635	0,001	32,8954	0,06515	18,0444	0,52379	13,6445	0,438	4,84973	0,76573	1,62248	0,20757
8.12.2018	189,397	0,001	118,796	0,001	79,1308	0,001	62,9244	0,001	32,9794	0,06374	17,9929	0,52761	13,6002	0,44177	4,9114	0,7592	1,62974	0,20481
9.12.2018	190,369	0,001	119,093	0,001	79,2789	0,001	63,0519	0,001	32,9455	0,0643	17,9323	0,5321	13,5263	0,44806	4,82932	0,7679	1,66177	0,19754
10.12.2018	190,709	0,001	119,328	0,001	79,4363	0,001	63,2052	0,001	33,0325	0,06286	17,98	0,52857	13,5065	0,44974	4,7988	0,77113	1,6849	0,19461
11.12.2018	190,727	0,001	119,537	0,001	79,6138	0,001	63,4588	0,001	33,1503	0,0609	18,0803	0,52113	13,5031	0,45002	4,83245	0,76757	1,6261	0,2062
12.12.2018	190,858	0,001	119,798	0,001	79,7876	0,001	63,5423	0,001	33,0921	0,06187	18,0896	0,52044	13,3881	0,45981	4,83661	0,76712	1,63966	0,20104
13.12.2018	190,968	0,001	120,043	0,001	79,9663	0,001	63,5789	0,001	33,133	0,06119	18,1995	0,51229	13,2686	0,46997	4,852	0,76549	1,71645	0,19061
14.12.2018	191,102	0,001	120,146	0,001	80,151	0,001	63,6848	0,001	33,1971	0,06012	18,2464	0,50882	13,1096	0,48349	4,88944	0,76152	1,74534	0,18695
15.12.2018	131,524	0,001	123,777	0,001	77,7479	0,001	58,9104	0,001	25,5791	0,38244	21,6592	0,25579	13,081	0,48592	3,90443	0,86913	2,27332	0,13213
16.12.2018	131,816	0,001	123,781	0,001	77,9031	0,001	59,0476	0,001	25,7196	0,37302	21,7484	0,24918	13,1047	0,48391	3,9873	0,86047	2,26345	0,13301
17.12.2018	132,12	0,001	123,936	0,001	77,9382	0,001	59,2062	0,001	25,7798	0,36898	21,586	0,26122	12,999	0,49289	4,03033	0,85597	2,24334	0,13479
18.12.2018	132,4	0,001	124,249	0,001	78,0333	0,001	59,3416	0,001	25,8199	0,3663	21,584	0,26137	12,989	0,49374	4,0014	0,859	2,19368	0,13921
19.12.2018	132,669	0,001	123,96	0,001	77,8821	0,001	59,4769	0,001	25,9344	0,35862	21,6425	0,25704	13,2334	0,47297	4,05606	0,85328	2,17077	0,14125
20.12.2018	132,935	0,001	123,362	0,001	77,9721	0,001	59,6108	0,001	25,9573	0,35709	21,6583	0,25587	13,3564	0,4625	4,02974	0,85603	2,1815	0,14029
21.12.2018	133,202	0,001	122,878	0,001	78,2929	0,001	59,7358	0,001	26,0256	0,35251	21,8147	0,24427	13,5061	0,44977	4,15902	0,84204	2,16996	0,14132
22.12.2018	133,473	0,001	123,405	0,001	78,4048	0,001	59,8741	0,001	26,0866	0,34842	21,8359	0,2427	13,5408	0,44683	4,12752	0,84555	2,15149	0,14296
23.12.2018	133,709	0,001	123,585	0,001	78,7925	0,001	60,0036	0,001	26,1659	0,3431	21,9781	0,23215	13,4645	0,45331	4,17637	0,84011	2,2031	0,13837
24.12.2018	134,089	0,001	123,918	0,001	78,9458	0,001	60,0702	0,001	26,1836	0,34191	21,947	0,23446	13,2465	0,47185	4,08207	0,85057	2,22004	0,13687
25.12.2018	134,37	0,001	123,648	0,001	79,1241	0,001	60,13	0,001	26,2876	0,33494	21,9832	0,23178	13,1387	0,48101	4,11123	0,84736	2,28929	0,13071
26.12.2018	134,593	0,001	123,978	0,001	79,2359	0,001	60,2881	0,001	26,2671	0,33632	21,9604	0,23347	13,0663	0,48717	4,09791	0,84884	2,28681	0,13093
27.12.2018	135,026	0,001	123,453	0,001	79,3596	0,001	60,2949	0,001	26,4078	0,32688	22,0373	0,22776	13,1258	0,48211	4,16438	0,84145	2,31002	0,12887
28.12.2018	135,259	0,001	124,097	0,001	79,4659	0,001	60,5224	0,001	26,4135	0,3265	22,2056	0,21529	13,1264	0,48206	4,16088	0,84184	2,2808	0,13146
29.12.2018	135,557	0,001	123,887	0,001	79,6737	0,001	60,6101	0,001	26,4529	0,32386	22,3272	0,20627	13,0831	0,48575	4,16744	0,84111	2,33293	0,12683
30.12.2018	135,831	0,001	124,272	0,001	79,7474	0,001	60,7298	0,001	26,4464	0,32429	22,3674	0,20329	12,9959	0,49316	4,16141	0,84178	2,32517	0,12752
31.12.2018	136,133	0,001	124,327	0,001	79,9491	0,001	60,9064	0,001	26,5554	0,31699	22,4253	0,19939	13,0507	0,4885	4,17089	0,84072	2,25658	0,13362
1.01.2019	136,365	0,001	124,498	0,001	80,0188	0,001	61,034	0,001	26,6413	0,31123	22,4408	0,19869	12,9842	0,49415	4,21058	0,83631	2,29295	0,13038

2.01.2019	136,652	0,001	124,791	0,001	80,2283	0,001	61,1853	0,001	26,6638	0,30972	22,5806	0,19237	12,9241	0,49926	4,22811	0,83436	2,34011	0,12619
3.01.2019	136,942	0,001	124,867	0,001	80,3361	0,001	61,2782	0,001	26,7406	0,30457	22,6154	0,19079	12,8939	0,50183	4,25771	0,83106	2,3552	0,12488
4.01.2019	137,232	0,001	125,176	0,001	80,6128	0,001	61,3884	0,001	26,7885	0,30136	22,7618	0,18417	12,9382	0,49806	4,27605	0,82902	2,35225	0,12511
5.01.2019	137,525	0,001	125,084	0,001	80,784	0,001	61,52	0,001	26,9254	0,29218	22,8373	0,18075	12,8182	0,50827	4,3301	0,82291	2,35093	0,12523
6.01.2019	137,809	0,001	125,16	0,001	80,8492	0,001	61,619	0,001	26,9357	0,29149	22,8108	0,18195	12,7	0,51832	4,33744	0,82206	2,31708	0,12824
7.01.2019	138,035	0,001	124,992	0,001	81,0882	0,001	61,6666	0,001	26,9715	0,28909	22,8427	0,18051	12,7754	0,51191	4,34065	0,82168	2,29648	0,13007
8.01.2019	138,191	0,001	125,204	0,001	81,2095	0,001	61,8657	0,001	26,9967	0,2874	22,8437	0,18046	12,7618	0,51306	4,3591	0,81953	2,192	0,13936
9.01.2019	138,267	0,001	125,008	0,001	81,4559	0,001	61,8835	0,001	26,782	0,3018	22,8874	0,17848	12,5832	0,52825	4,36265	0,81912	2,21377	0,13742
10.01.2019	138,547	0,001	124,873	0,001	81,5666	0,001	61,5952	0,001	26,9203	0,29252	22,8607	0,17969	12,5636	0,52992	4,3516	0,8204	2,28246	0,13132
11.01.2019	138,829	0,001	125,215	0,001	81,5873	0,001	61,8026	0,001	26,9902	0,28784	22,8407	0,18059	12,6243	0,52475	4,33281	0,8226	2,25062	0,13415
12.01.2019	139,079	0,001	124,998	0,001	81,7705	0,001	61,9035	0,001	27,0438	0,28424	22,8218	0,18145	12,4472	0,53982	4,33196	0,82269	2,27569	0,13192
13.01.2019	139,135	0,001	124,882	0,001	81,5605	0,001	61,7159	0,001	27,1458	0,27741	22,814	0,18181	12,5094	0,53453	4,33557	0,82227	2,33788	0,12639
14.01.2019	139,119	0,001	124,919	0,001	81,9535	0,001	62,0571	0,001	27,1607	0,27641	23,0079	0,17324	12,4699	0,53789	4,37148	0,81808	2,24883	0,13431
15.01.2019	139,352	0,001	124,477	0,001	82,0938	0,001	62,0204	0,001	27,2231	0,27222	23,031	0,1723	12,4219	0,54197	4,38662	0,81632	2,30608	0,12922
16.01.2019	139,358	0,001	124,752	0,001	82,198	0,001	62,0201	0,001	27,2481	0,27055	23,1361	0,16804	12,4504	0,53954	4,39428	0,81542	2,28932	0,13071
17.01.2019	139,733	0,001	124,744	0,001	82,4423	0,001	62,1707	0,001	27,3093	0,26645	23,1266	0,16842	12,5113	0,53437	4,39633	0,81519	2,22125	0,13676
18.01.2019	139,693	0,001	124,839	0,001	82,599	0,001	62,359	0,001	27,3703	0,26235	23,1494	0,1675	12,501	0,53525	4,41435	0,81308	2,1908	0,13946
19.01.2019	139,933	0,001	124,683	0,001	82,7146	0,001	62,3877	0,001	27,3882	0,26115	23,1824	0,16616	12,388	0,54486	4,39763	0,81503	2,17792	0,14061
20.01.2019	140,055	0,001	124,52	0,001	82,8715	0,001	62,4898	0,001	27,4594	0,25638	23,2181	0,16472	12,404	0,54349	4,41779	0,81268	2,16832	0,14146
21.01.2019	140,167	0,001	124,408	0,001	82,993	0,001	62,5137	0,001	27,5152	0,25264	23,2547	0,16323	12,3763	0,54585	4,45378	0,80848	2,11781	0,14595
22.01.2019	140,389	0,001	124,103	0,001	83,2065	0,001	62,5057	0,001	27,5554	0,24995	23,3046	0,16121	12,3434	0,54865	4,48198	0,80519	2,15542	0,14261
23.01.2019	140,59	0,001	124,009	0,001	83,3473	0,001	62,535	0,001	27,6094	0,24632	23,351	0,15933	12,3235	0,55034	4,49586	0,80357	2,16415	0,14183
24.01.2019	140,895	0,001	123,735	0,001	83,5072	0,001	62,4648	0,001	27,6675	0,24243	23,3933	0,15761	12,2812	0,55394	4,50683	0,8023	2,15987	0,14221
25.01.2019	141,063	0,001	123,617	0,001	83,6714	0,001	62,6862	0,001	27,7209	0,23885	23,447	0,15543	12,2521	0,55641	4,51366	0,8015	2,11864	0,14588
26.01.2019	141,205	0,001	123,444	0,001	83,8556	0,001	62,7708	0,001	27,7333	0,23802	23,5271	0,15219	12,2575	0,55595	4,53896	0,79868	2,04176	0,15328
27.01.2019	141,311	0,001	123,198	0,001	84,0247	0,001	62,7242	0,001	27,7345	0,23794	23,5984	0,14939	12,2228	0,5589	4,55043	0,79746	2,02309	0,15529
28.01.2019	141,751	0,001	122,387	0,001	84,0635	0,001	61,9874	0,001	27,8089	0,23295	23,6128	0,14888	11,9784	0,57968	4,5571	0,79676	2,21026	0,13773
29.01.2019	141,965	0,001	122,392	0,001	84,1726	0,001	62,1289	0,001	27,8867	0,22773	23,6567	0,14732	11,9961	0,57818	4,58922	0,79335	2,19208	0,13935
30.01.2019	142,193	0,001	121,938	0,001	84,2673	0,001	62,2714	0,001	27,9521	0,22335	23,7005	0,14577	11,7412	0,59985	4,59431	0,79281	2,23164	0,13583
31.01.2019	142,437	0,001	121,915	0,001	84,363	0,001	62,4638	0,001	27,9966	0,22037	23,7716	0,14325	11,7363	0,60028	4,59274	0,79298	2,27579	0,13191
1.02.2019	142,741	0,001	121,441	0,001	84,5958	0,001	62,5161	0,001	28,0148	0,21914	23,847	0,14058	11,7788	0,59666	4,60934	0,79122	2,17855	0,14055
2.02.2019	142,978	0,001	121,363	0,001	84,7135	0,001	62,8854	0,001	28,0426	0,21728	23,9253	0,13781	11,7081	0,60267	4,61283	0,79085	2,13529	0,1444
3.02.2019	143,24	0,001	121,21	0,001	84,7706	0,001	62,7649	0,001	28,061	0,21605	23,9701	0,13622	11,6599	0,60677	4,62785	0,78926	2,15825	0,14236
4.02.2019	143,505	0,001	121,348	0,001	85,0132	0,001	62,9834	0,001	28,1183	0,21221	24,0483	0,13346	11,7757	0,59692	4,65147	0,78675	2,03399	0,15412
5.02.2019	143,776	0,001	121,689	0,001	85,1787	0,001	63,3366	0,001	28,1394	0,2108	24,0983	0,13169	11,8378	0,59164	4,64847	0,78707	1,89128	0,16945
6.02.2019	144,026	0,001	121,924	0,001	85,3189	0,001	63,4397	0,001	28,1627	0,20923	24,1447	0,13004	11,9204	0,58462	4,66098	0,78574	1,81678	0,17789
7.02.2019	144,314	0,001	121,772	0,001	85,3664	0,001	63,2636	0,001	28,3144	0,19942	24,1978	0,12816	11,9482	0,58225	4,68789	0,78289	1,8381	0,17519
8.02.2019	144,589	0,001	121,644	0,001	85,5427	0,001	63,7944	0,001	28,3732	0,19697	24,2588	0,126	11,6706	0,60586	4,70608	0,78096	1,65452	0,19846
9.02.2019	144,871	0,001	121,809	0,001	85,6959	0,001	63,944	0,001	28,4292	0,19464	24,3159	0,12414	11,7457	0,59947	4,71719	0,77978	1,5473	0,23615
10.02.2019	145,159	0,001	122,357	0,001	85,887	0,001	64,0846	0,001	28,4816	0,19245	24,2982	0,12467	11,6895	0,60425	4,72603	0,77885	1,44087	0,27662

11.02.2019	145,505	0,001	122,645	0,001	86,0186	0,001	64,2919	0,001	28,5019	0,19161	24,2889	0,12495	12,0065	0,5773	4,73473	0,77793	1,32643	0,32013
12.02.2019	145,735	0,001	122,767	0,001	86,1767	0,001	64,4087	0,001	28,5673	0,18888	24,4539	0,12002	11,7393	0,60001	4,74442	0,7769	1,36154	0,30678
13.02.2019	146,088	0,001	122,876	0,001	86,2558	0,001	64,3633	0,001	28,6117	0,18703	24,485	0,11909	11,7311	0,60072	4,75372	0,77591	1,46102	0,26896
14.02.2019	145,987	0,001	122,921	0,001	86,3987	0,001	64,4169	0,001	28,635	0,18606	24,5257	0,11787	11,6411	0,60837	4,76307	0,77492	1,4776	0,26265
15.02.2019	146,218	0,001	123,199	0,001	86,6382	0,001	64,7596	0,001	28,6965	0,1835	24,4473	0,12021	11,8286	0,59242	4,77223	0,77395	1,37614	0,30123
16.02.2019	146,024	0,001	123,229	0,001	86,7578	0,001	64,7766	0,001	28,7515	0,18121	24,3629	0,12274	11,6672	0,60614	4,78241	0,77287	1,42689	0,28193
17.02.2019	146,187	0,001	123,536	0,001	86,8581	0,001	64,8888	0,001	28,7725	0,18034	24,1658	0,1293	11,7576	0,59846	4,7902	0,77204	1,47097	0,26518
18.02.2019	146,124	0,001	123,828	0,001	86,9496	0,001	65,0873	0,001	28,8315	0,17788	24,3889	0,12196	11,6129	0,61076	4,79017	0,77205	1,44542	0,27489
19.02.2019	146,73	0,001	124,192	0,001	87,2621	0,001	65,1404	0,001	28,8966	0,17517	24,3801	0,12222	11,8663	0,58922	4,79888	0,77113	1,27065	0,34133
20.02.2019	146,663	0,001	124,435	0,001	87,4112	0,001	65,1449	0,001	28,9512	0,17311	24,5375	0,11752	11,7166	0,60195	4,80492	0,77048	1,19361	0,37062
21.02.2019	146,868	0,001	124,636	0,001	87,4468	0,001	65,3214	0,001	29,0082	0,17098	24,4908	0,11891	11,7629	0,59801	4,80792	0,77017	1,235	0,35488
22.02.2019	147,002	0,001	124,865	0,001	87,5047	0,001	65,4195	0,001	29,049	0,16946	24,5639	0,11673	11,8939	0,58687	4,80739	0,77022	1,1335	0,39347
23.02.2019	146,861	0,001	125,065	0,001	87,6881	0,001	65,5256	0,001	29,1655	0,16511	24,8444	0,10835	11,6875	0,60442	4,8107	0,76987	1,19897	0,36858
24.02.2019	147,129	0,001	125,284	0,001	87,8093	0,001	65,6179	0,001	29,2126	0,16335	24,5588	0,11688	11,7902	0,59569	4,82939	0,76789	1,24476	0,35118
25.02.2019	146,502	0,001	125,542	0,001	87,6576	0,001	65,6501	0,001	29,2571	0,16169	24,5902	0,11594	11,5779	0,61374	4,85151	0,76554	1,31393	0,32488
26.02.2019	146,364	0,001	125,64	0,001	87,8826	0,001	65,7296	0,001	29,3163	0,15948	24,4707	0,11952	11,5362	0,61729	4,85455	0,76522	1,3898	0,29603
27.02.2019	146,131	0,001	125,934	0,001	87,9907	0,001	65,9041	0,001	29,3719	0,15741	24,4913	0,1189	11,6064	0,61132	4,87795	0,76274	1,34432	0,31332
28.02.2019	145,928	0,001	126,175	0,001	88,2024	0,001	66,0598	0,001	29,4417	0,1548	24,3248	0,12387	11,6515	0,60749	4,90351	0,76003	1,25946	0,34558
1.03.2019	146,253	0,001	126,381	0,001	88,4138	0,001	65,956	0,001	29,4906	0,15298	24,1508	0,12983	11,8674	0,58913	4,92586	0,75766	1,05515	0,42326
2.03.2019	146,214	0,001	126,662	0,001	88,5397	0,001	65,9288	0,001	29,5326	0,15141	24,187	0,12854	11,9442	0,58259	4,93602	0,75659	0,90792	0,47923
3.03.2019	146,583	0,001	126,955	0,001	88,6068	0,001	66,242	0,001	29,5871	0,14945	24,3555	0,12296	11,933	0,58355	4,93494	0,7567	0,9089	0,47886
4.03.2019	146,825	0,001	127,194	0,001	88,7002	0,001	66,2952	0,001	29,6166	0,14849	24,3898	0,12193	12,1167	0,56792	4,94407	0,75573	0,82521	0,51068
5.03.2019	147,25	0,001	127,153	0,001	88,9232	0,001	64,3725	0,001	29,6897	0,1461	24,5591	0,11687	12,4216	0,542	4,95278	0,75481	0,46874	0,6462
6.03.2019	147,381	0,001	127,37	0,001	89,0967	0,001	64,4827	0,001	29,753	0,14403	24,2695	0,12562	12,5176	0,53383	4,96057	0,75398	0,34201	0,69438
7.03.2019	148,001	0,001	127,475	0,001	89,2394	0,001	64,4227	0,001	29,8073	0,14225	24,1027	0,13153	12,6947	0,51878	4,96488	0,75353	0,2286	0,7375
8.03.2019	147,471	0,001	128,046	0,001	89,4414	0,001	64,9972	0,001	29,8386	0,14123	24,7389	0,1115	12,6804	0,51998	4,95348	0,75474	0,24156	0,73257
9.03.2019	148,267	0,001	128,307	0,001	89,6198	0,001	64,6835	0,001	29,7478	0,1442	25,2354	0,09704	12,741	0,51483	4,95228	0,75486	0,20177	0,7477
10.03.2019	147,59	0,001	128,483	0,001	89,7685	0,001	64,8883	0,001	29,795	0,14265	25,8241	0,08259	12,7905	0,51062	4,97061	0,75292	0,19868	0,74887
11.03.2019	147,465	0,001	128,853	0,001	89,9216	0,001	65,0008	0,001	29,814	0,14203	25,5328	0,08947	12,8627	0,50449	5,02672	0,74697	0,2107	0,7443
12.03.2019	146,563	0,001	129,136	0,001	90,0391	0,001	65,0674	0,001	29,9011	0,13918	25,586	0,08819	13,0052	0,49237	5,06595	0,74281	0,11098	0,78221
13.03.2019	146,275	0,001	129,32	0,001	90,2074	0,001	65,4059	0,001	29,9282	0,1383	25,5211	0,08975	12,998	0,49298	5,07714	0,74163	0,13451	0,77327
14.03.2019	146,023	0,001	129,537	0,001	90,3865	0,001	65,5368	0,001	29,9472	0,13768	25,4059	0,09264	12,9947	0,49326	5,08565	0,74072	0,1392	0,77149
15.03.2019	145,124	0,001	129,626	0,001	90,5544	0,001	65,6316	0,001	29,9541	0,13745	25,588	0,08814	13,0163	0,49143	5,08521	0,74077	0,12803	0,77573
16.03.2019	145,544	0,001	130,137	0,001	90,6073	0,001	65,3835	0,001	30,0046	0,1358	25,3234	0,09473	13,1264	0,48206	5,10121	0,73907	0,06174	0,80403
17.03.2019	144,658	0,001	130,003	0,001	90,7678	0,001	65,6621	0,001	30,0616	0,13393	24,9846	0,10416	13,1179	0,48278	5,1051	0,73866	0,07834	0,79462
18.03.2019	145,097	0,001	130,097	0,001	90,8998	0,001	65,7971	0,001	30,1108	0,13233	24,8307	0,10876	13,1751	0,47792	5,11643	0,73746	0,08619	0,79164
19.03.2019	144,257	0,001	130,12	0,001	91,1364	0,001	65,8534	0,001	30,1576	0,1308	24,9849	0,10415	13,1845	0,47712	5,13106	0,73591	0,07934	0,79424
20.03.2019	144,048	0,001	130,186	0,001	91,3297	0,001	66,0476	0,001	30,1973	0,1295	24,6059	0,11547	13,1466	0,48034	5,13622	0,73536	0,10897	0,78298
21.03.2019	143,273	0,001	129,924	0,001	91,5027	0,001	65,9195	0,001	30,2581	0,12751	24,0063	0,13494	13,066	0,4872	5,13886	0,73508	0,19199	0,75142
22.03.2019	143,087	0,001	130,364	0,001	91,5889	0,001	66,2152	0,001	30,3143	0,12567	23,6781	0,14657	13,1911	0,47656	5,15859	0,73299	0,12798	0,77575

23.03.2019	142,771	0,001	129,942	0,001	91,6295	0,001	66,3739	0,001	30,3626	0,12423	23,0293	0,17237	13,1922	0,47647	5,15941	0,7329	0,12756	0,77591
24.03.2019	143,548	0,001	130,835	0,001	91,6995	0,001	66,1273	0,001	30,3827	0,12368	22,3813	0,20226	13,3823	0,4603	5,1986	0,72875	0,02577	0,87259
25.03.2019	142,926	0,001	130,833	0,001	91,9433	0,001	66,672	0,001	30,4247	0,12252	22,3201	0,2068	13,3748	0,46094	5,19975	0,72863	0,03127	0,8602
26.03.2019	143,813	0,001	131,07	0,001	92,2283	0,001	66,8869	0,001	30,4113	0,12289	22,1592	0,21873	13,3968	0,45907	5,18775	0,7299	0,05304	0,81824
27.03.2019	143,429	0,001	131,217	0,001	92,4056	0,001	66,8144	0,001	30,4573	0,12162	23,2872	0,16191	13,3841	0,46015	5,17203	0,73157	0,0359	0,84981
28.03.2019	143,715	0,001	131,673	0,001	92,4705	0,001	66,9102	0,001	30,4557	0,12166	23,0622	0,17104	13,4235	0,45679	5,17189	0,73158	0,03373	0,85465
29.03.2019	143,222	0,001	131,571	0,001	92,6647	0,001	66,9972	0,001	30,4863	0,12081	22,1367	0,2204	13,4106	0,45789	5,17892	0,73084	0,05881	0,80881
30.03.2019	143,402	0,001	131,698	0,001	92,8085	0,001	67,1241	0,001	30,5265	0,1197	21,508	0,26701	13,4992	0,45036	5,20349	0,72823	0,0332	0,85586
31.03.2019	143,358	0,001	132,019	0,001	92,9551	0,001	67,1264	0,001	30,583	0,11814	21,3379	0,27962	13,5473	0,44627	5,21565	0,72694	0,01763	0,89486
1.04.2019	143,94	0,001	132,316	0,001	93,1583	0,001	67,1921	0,001	30,6335	0,11674	20,6539	0,33033	13,5742	0,44398	5,17268	0,7315	0,00402	0,94928
2.04.2019	143,81	0,001	132,444	0,001	93,339	0,001	66,6971	0,001	30,681	0,11543	21,6253	0,25831	13,5966	0,44207	5,16407	0,73241	0,01606	0,89928
3.04.2019	143,695	0,001	130,46	0,001	93,4478	0,001	67,1612	0,001	30,7454	0,11365	21,8097	0,24464	13,6478	0,43772	5,06788	0,74261	0,00261	0,9592
4.04.2019	143,981	0,001	131,499	0,001	93,2339	0,001	67,1394	0,001	30,8871	0,10973	22,0337	0,22803	13,6601	0,43668	5,10206	0,73898	0,02137	0,88437
5.04.2019	143,565	0,001	130,573	0,001	93,5851	0,001	66,9189	0,001	30,9211	0,10879	22,8253	0,18129	13,6903	0,43411	5,08259	0,74105	0,05973	0,8073
6.04.2019	143,738	0,001	130,829	0,001	93,786	0,001	67,1796	0,001	31,1177	0,10335	22,3554	0,20418	13,7292	0,4308	5,07072	0,74231	0,03593	0,84976
7.04.2019	143,282	0,001	130,773	0,001	93,9845	0,001	67,1445	0,001	31,1783	0,10168	21,8313	0,24304	13,7509	0,42895	5,09547	0,73968	0,02382	0,87747
8.04.2019	142,637	0,001	130,619	0,001	94,1057	0,001	66,5928	0,001	31,1906	0,10134	21,1851	0,29094	13,8137	0,42361	5,05547	0,74392	1,3E-05	0,99849
9.04.2019	142,311	0,001	131,456	0,001	94,2692	0,001	67,1523	0,001	31,2751	0,09911	20,6051	0,33394	13,8302	0,42221	5,07909	0,74142	0,00082	0,97631
10.04.2019	140,933	0,001	131,173	0,001	94,4131	0,001	67,0388	0,001	31,2511	0,0997	20,6309	0,33203	13,8385	0,4215	5,0964	0,73958	0,01008	0,92009
11.04.2019	140,95	0,001	131,517	0,001	94,5899	0,001	66,7215	0,001	31,3119	0,09821	19,138	0,44271	13,8788	0,41808	5,1442	0,73452	0,03923	0,84346
12.04.2019	140,452	0,001	131,73	0,001	94,7627	0,001	67,4029	0,001	31,3	0,0985	19,0728	0,44755	13,9144	0,41505	5,16917	0,73187	0,01122	0,91568
13.04.2019	140,809	0,001	131,958	0,001	94,9519	0,001	67,5287	0,001	31,3505	0,09726	18,6057	0,48218	13,882	0,4178	5,14857	0,73405	0,00557	0,94066
14.04.2019	140,876	0,001	132,157	0,001	95,1118	0,001	67,7388	0,001	31,3393	0,09753	18,5167	0,48877	13,9189	0,41467	5,14566	0,73436	4,7E-05	0,99713
15.04.2019	141,073	0,001	132,524	0,001	95,2188	0,001	67,8429	0,001	31,396	0,09614	18,3543	0,50082	13,8174	0,4233	5,1319	0,73582	8,1E-05	0,99575
16.04.2019	141,097	0,001	132,692	0,001	95,3729	0,001	67,9555	0,001	31,4713	0,09432	18,575	0,48445	13,823	0,42283	5,11838	0,73725	0,00392	0,94989
17.04.2019	141,344	0,001	132,916	0,001	95,5281	0,001	68,0785	0,001	31,5405	0,09269	18,4553	0,49333	13,7957	0,42514	5,10933	0,73821	0,00142	0,96985
18.04.2019	141,666	0,001	132,654	0,001	95,6743	0,001	67,2953	0,001	31,5991	0,09132	18,9614	0,45581	13,4647	0,45329	5,23382	0,72502	0,09891	0,78681
19.04.2019	142,09	0,001	132,05	0,001	95,6449	0,001	66,2363	0,001	31,4705	0,09434	20,31	0,35582	12,8284	0,5074	5,33091	0,71472	0,38475	0,67813
20.04.2019	142,631	0,001	131,618	0,001	95,89	0,001	66,7639	0,001	31,3577	0,09708	20,4522	0,34528	12,6931	0,51891	5,32572	0,71527	0,47547	0,64364
21.04.2019	143,053	0,001	132,29	0,001	96,2762	0,001	67,1199	0,001	31,5799	0,09177	20,4485	0,34556	12,7322	0,51558	5,2701	0,72117	0,38612	0,67761
22.04.2019	143,459	0,001	132,372	0,001	96,5783	0,001	67,166	0,001	31,8195	0,08631	21,0387	0,3018	12,8253	0,50766	5,19481	0,72915	0,37101	0,68336
23.04.2019	143,416	0,001	132,611	0,001	96,7717	0,001	67,3938	0,001	31,9635	0,08317	20,3429	0,35339	13,0246	0,49072	5,16619	0,73219	0,19996	0,74838
24.04.2019	143,509	0,001	132,955	0,001	97,0326	0,001	67,6569	0,001	31,6366	0,09044	19,2716	0,43281	12,7367	0,5152	5,26835	0,72136	0,24807	0,7301
25.04.2019	143,397	0,001	132,699	0,001	97,2064	0,001	67,6106	0,001	31,6359	0,09045	18,0172	0,5258	12,7311	0,51568	5,19838	0,72877	0,15343	0,76608
26.04.2019	143,653	0,001	133,057	0,001	97,4035	0,001	67,7837	0,001	31,54	0,0927	17,4609	0,56705	12,5938	0,52735	5,20965	0,72758	0,20809	0,7453
27.04.2019	143,543	0,001	133,283	0,001	97,5743	0,001	67,8809	0,001	31,3359	0,09762	16,5522	0,63442	12,676	0,52036	5,19644	0,72898	0,13074	0,7747
28.04.2019	143,98	0,001	133,086	0,001	97,7409	0,001	67,9585	0,001	31,3552	0,09714	16,7251	0,6216	12,2707	0,55483	5,236	0,72479	0,16248	0,76263
29.04.2019	143,922	0,001	133,193	0,001	97,9186	0,001	68,0845	0,001	31,5014	0,09361	15,7484	0,69401	12,4692	0,53795	5,22102	0,72637	0,05809	0,80998
30.04.2019	144,33	0,001	133,418	0,001	98,0852	0,001	68,2025	0,001	31,6427	0,09029	15,5629	0,70777	12,5009	0,53525	5,14095	0,73486	0,07739	0,79499
1.05.2019	144,436	0,001	133,515	0,001	98,2433	0,001	68,3332	0,001	31,6803	0,08944	15,5208	0,71089	12,397	0,54409	5,16492	0,73232	0,05874	0,80891

2.05.2019	144,709	0,001	133,804	0,001	98,4185	0,001	68,1343	0,001	31,7641	0,08755	16,185	0,66164	11,6231	0,6099	5,21472	0,72704	0,19853	0,74893
3.05.2019	144,839	0,001	133,908	0,001	98,5149	0,001	68,2918	0,001	31,6639	0,0898	16,182	0,66187	11,7619	0,5981	5,1717	0,7316	0,21485	0,74272
4.05.2019	145,187	0,001	134,12	0,001	98,3493	0,001	68,7505	0,001	31,7166	0,08862	15,7867	0,69117	11,6987	0,60347	5,13442	0,73555	0,11297	0,78146
5.05.2019	145,332	0,001	134,344	0,001	98,486	0,001	68,8363	0,001	31,7833	0,08712	16,0254	0,67347	11,6269	0,60957	5,16806	0,73199	0,1331	0,7738
6.05.2019	145,5	0,001	134,566	0,001	98,6714	0,001	69,1479	0,001	31,9263	0,08396	15,7151	0,69648	11,4796	0,6221	5,0643	0,74299	0,05727	0,81132
7.05.2019	145,663	0,001	134,611	0,001	98,6343	0,001	68,9219	0,001	32,0661	0,08097	14,8963	0,75719	11,5579	0,61544	4,94917	0,75519	0,00016	0,99205
8.05.2019	145,724	0,001	134,845	0,001	98,7332	0,001	69,086	0,001	32,2243	0,07772	14,8143	0,76326	11,1727	0,6482	4,89025	0,76144	0,00249	0,96011
9.05.2019	145,602	0,001	134,97	0,001	98,3159	0,001	68,5621	0,001	32,4352	0,07356	14,3206	0,79987	11,1974	0,6461	4,83025	0,7678	0,14575	0,76899
10.05.2019	145,99	0,001	135,315	0,001	97,9184	0,001	69,1227	0,001	32,7445	0,06783	14,7047	0,77139	10,3993	0,71397	4,63079	0,78894	0,09374	0,78877
11.05.2019	145,939	0,001	135,34	0,001	97,5417	0,001	69,3248	0,001	32,3145	0,0759	14,7469	0,76826	10,49	0,70625	4,83231	0,76758	0,04246	0,83728
12.05.2019	146,03	0,001	135,523	0,001	97,4194	0,001	69,4375	0,001	32,6913	0,06878	14,9467	0,75345	9,83061	0,76233	4,53694	0,79889	0,07118	0,79735
13.05.2019	146,063	0,001	134,504	0,001	94,6474	0,001	69,344	0,001	32,4075	0,07409	15,4249	0,71799	9,51861	0,78886	4,83304	0,7675	0,002	0,96419
14.05.2019	146,119	0,001	134,793	0,001	95,5658	0,001	69,5441	0,001	32,5041	0,07225	15,3928	0,72037	9,5771	0,78389	4,47777	0,80568	0,00219	0,96262
15.05.2019	146,48	0,001	126,792	0,001	97,0258	0,001	67,9987	0,001	32,3192	0,07581	15,5657	0,70756	9,60229	0,78174	4,69819	0,7818	0,12123	0,77832
16.05.2019	146,586	0,001	126,998	0,001	97,8656	0,001	68,3809	0,001	31,6216	0,09079	15,5675	0,70742	9,53239	0,78769	4,74826	0,77649	0,06306	0,80186
17.05.2019	147,291	0,001	122,606	0,001	98,1098	0,001	68,8425	0,001	31,9495	0,08347	15,5353	0,70981	9,82571	0,76274	4,7392	0,77745	0,10058	0,78617
18.05.2019	147,539	0,001	120,549	0,001	98,2415	0,001	67,7067	0,001	33,5954	0,05402	16,5747	0,63275	9,53573	0,7874	4,83257	0,76755	0,48746	0,63908
19.05.2019	147,716	0,001	119,115	0,001	98,3972	0,001	67,7076	0,001	33,3613	0,05756	16,5801	0,63235	9,90657	0,75587	4,98273	0,75163	0,53528	0,62091
20.05.2019	148,394	0,001	118,671	0,001	97,8487	0,001	67,8619	0,001	33,1503	0,0609	16,8638	0,61132	9,34315	0,80375	4,73306	0,7781	0,55202	0,61454
21.05.2019	148,573	0,001	117,813	0,001	98,0176	0,001	66,3116	0,001	32,9082	0,06492	17,8733	0,53648	9,36149	0,8022	5,21416	0,7271	1,04466	0,42725
22.05.2019	148,769	0,001	118,033	0,001	98,3347	0,001	67,0014	0,001	33,3492	0,05775	17,9249	0,53265	9,41186	0,79794	4,9398	0,75619	1,15354	0,38585
23.05.2019	149,062	0,001	117,35	0,001	97,7191	0,001	67,2894	0,001	33,5686	0,0544	17,8568	0,5377	9,47337	0,79271	4,84721	0,766	1,06063	0,42118
24.05.2019	149,308	0,001	118,557	0,001	98,5192	0,001	66,0917	0,001	34,2016	0,04576	18,8437	0,46453	10,2712	0,72486	4,99436	0,7504	1,75447	0,18579
25.05.2019	149,448	0,001	118,028	0,001	98,5276	0,001	65,4805	0,001	36,0181	0,02745	19,8159	0,39245	9,95707	0,75157	4,99244	0,7506	2,12027	0,14574
26.05.2019	149,694	0,001	118,336	0,001	97,7787	0,001	66,2026	0,001	34,9733	0,03695	18,654	0,4786	10,5386	0,70212	4,54266	0,79829	1,91132	0,1673
27.05.2019	149,913	0,001	118,563	0,001	97,6912	0,001	66,0858	0,001	34,7226	0,03959	18,7058	0,47475	11,6004	0,61183	4,11676	0,84674	1,57266	0,22651
28.05.2019	150,14	0,001	118,704	0,001	97,6071	0,001	66,021	0,001	35,0584	0,03606	18,3021	0,50469	11,7961	0,59519	4,26657	0,83008	1,25222	0,34834
29.05.2019	150,291	0,001	118,886	0,001	98,2949	0,001	66,104	0,001	33,7674	0,05156	18,5551	0,48593	11,6689	0,606	4,41327	0,81321	1,47963	0,26188
30.05.2019	150,65	0,001	119,176	0,001	98,2257	0,001	66,0985	0,001	34,1183	0,04685	17,0984	0,59393	11,0565	0,65808	4,27671	0,82895	1,16447	0,3817
31.05.2019	150,349	0,001	119,173	0,001	97,3412	0,001	66,3751	0,001	33,9432	0,04914	16,6292	0,62871	11,8381	0,59161	4,1486	0,8432	1,01104	0,44003
1.06.2019	150,973	0,001	119,082	0,001	98,535	0,001	66,3849	0,001	33,7136	0,05233	16,7969	0,61628	11,3584	0,63241	3,94893	0,86448	1,40308	0,29098
2.06.2019	150,989	0,001	118,799	0,001	98,5814	0,001	66,4803	0,001	32,8012	0,06682	16,3232	0,65139	11,0121	0,66186	4,05184	0,85373	1,25417	0,3476
3.06.2019	151,319	0,001	119,318	0,001	99,0474	0,001	66,1923	0,001	31,9485	0,08349	15,2049	0,73431	10,3136	0,72125	4,22944	0,83421	0,84556	0,50294
4.06.2019	151,321	0,001	119,378	0,001	98,9343	0,001	65,9477	0,001	32,7061	0,06851	14,7953	0,76467	10,126	0,73721	4,10009	0,8486	0,45208	0,65254
5.06.2019	151,363	0,001	119,296	0,001	99,2529	0,001	66,6233	0,001	32,7226	0,06822	15,0288	0,74736	10,1384	0,73616	4,39945	0,81482	0,78315	0,52667
6.06.2019	151,626	0,001	119,649	0,001	99,5111	0,001	66,7354	0,001	32,9928	0,06352	14,7248	0,7699	10,2116	0,72993	4,4041	0,81428	0,97198	0,45488
7.06.2019	151,871	0,001	119,846	0,001	99,3897	0,001	66,6243	0,001	32,8103	0,06666	14,7087	0,7711	10,2074	0,73029	4,45814	0,80797	0,92914	0,47117
8.06.2019	152,109	0,001	119,993	0,001	99,7795	0,001	66,7947	0,001	32,5158	0,07203	14,638	0,77634	10,2416	0,72738	4,68177	0,78354	1,14374	0,38958
9.06.2019	152,442	0,001	120,175	0,001	99,6578	0,001	66,8826	0,001	32,8151	0,06657	14,6464	0,77571	10,2682	0,72512	4,59251	0,793	0,84613	0,50272
10.06.2019	152,673	0,001	120,139	0,001	100,077	0,001	67,2223	0,001	32,8699	0,0656	14,6591	0,77477	10,6404	0,69347	4,82094	0,76879	1,26677	0,34281

11.06.2019	152,899	0,001	119,933	0,001	100,172	0,001	67,303	0,001	33,0689	0,06225	14,6322	0,77677	10,8108	0,67897	4,80609	0,77036	1,43252	0,27979
12.06.2019	153,158	0,001	120,392	0,001	100,319	0,001	67,6236	0,001	33,0432	0,06268	15,3225	0,72559	10,3653	0,71686	5,18833	0,72984	1,95602	0,16249
13.06.2019	153,395	0,001	120,569	0,001	100,537	0,001	67,6426	0,001	33,1364	0,06113	15,7928	0,69072	10,2314	0,72824	5,18612	0,73007	2,04798	0,15261
14.06.2019	153,673	0,001	120,775	0,001	101,018	0,001	67,1071	0,001	33,16	0,06074	15,2504	0,73093	10,0666	0,74226	4,84647	0,76608	1,41423	0,28675
15.06.2019	153,939	0,001	120,997	0,001	101,121	0,001	67,5706	0,001	32,9246	0,06465	15,1176	0,74077	10,3939	0,71443	4,64586	0,78735	1,2903	0,33386
16.06.2019	154,16	0,001	121,17	0,001	101,034	0,001	67,5425	0,001	32,7109	0,06843	15,1709	0,73683	10,4601	0,7088	4,55192	0,7973	1,08381	0,41236
17.06.2019	154,396	0,001	121,673	0,001	101,419	0,001	68,4037	0,001	32,7795	0,06721	15,6491	0,70138	9,80647	0,76438	4,72029	0,77946	1,45444	0,27146
18.06.2019	154,637	0,001	121,952	0,001	101,956	0,001	68,5214	0,001	32,8743	0,06552	15,7806	0,69162	9,57352	0,78419	4,62515	0,78954	1,72791	0,18916
19.06.2019	154,915	0,001	121,875	0,001	101,517	0,001	68,696	0,001	32,97	0,0639	16,046	0,67195	9,2764	0,80938	4,64694	0,78723	1,90574	0,16789
20.06.2019	155,139	0,001	121,992	0,001	101,394	0,001	68,9295	0,001	33,0547	0,06249	16,5532	0,63435	9,12849	0,82186	4,65704	0,78616	2,33437	0,1267
21.06.2019	155,474	0,001	120,799	0,001	100,562	0,001	68,8789	0,001	33,1198	0,0614	17,3095	0,57827	8,87991	0,8418	4,66151	0,78569	2,71475	0,09944
22.06.2019	155,934	0,001	121,232	0,001	99,0998	0,001	68,9212	0,001	33,1378	0,06111	16,891	0,6093	9,05351	0,828	4,00712	0,8584	2,4776	0,11619
23.06.2019	156,127	0,001	121,111	0,001	98,2269	0,001	68,8389	0,001	33,247	0,05934	16,9121	0,60774	8,72641	0,85371	3,68129	0,89109	2,09307	0,14815
24.06.2019	156,359	0,001	121,543	0,001	97,2339	0,001	68,9611	0,001	33,5377	0,05484	17,3955	0,5719	8,73063	0,8534	3,52456	0,90579	2,07202	0,15003
25.06.2019	156,639	0,001	122,147	0,001	94,893	0,001	68,4616	0,001	34,0511	0,04773	17,1946	0,58679	8,52193	0,86877	3,35982	0,91992	1,17288	0,3785
26.06.2019	156,931	0,001	121,812	0,001	93,2196	0,001	67,6944	0,001	31,0759	0,10451	16,3679	0,64808	7,63686	0,92448	3,4641	0,9111	0,6906	0,56186
27.06.2019	157,064	0,001	121,45	0,001	94,3722	0,001	67,9829	0,001	33,2371	0,05949	16,979	0,60278	7,80451	0,91525	3,34983	0,92073	0,27504	0,71984
28.06.2019	157,378	0,001	121,462	0,001	90,4823	0,001	67,7027	0,001	32,4596	0,07309	16,7647	0,61866	7,62772	0,92498	3,42634	0,91436	0,2042	0,74678
29.06.2019	246,595	0,001	155,127	0,001	89,9483	0,001	61,2923	0,001	40,2355	0,00802	14,9274	0,75488	7,71373	0,92033	3,66059	0,89308	0,2306	0,73674
30.06.2019	247,33	0,001	155,347	0,001	87,5291	0,001	62,5878	0,001	39,8333	0,00894	14,7407	0,76872	7,67043	0,92267	3,69865	0,88941	0,00039	0,98345
1.07.2019	247,81	0,001	155,368	0,001	86,975	0,001	61,6535	0,001	40,5239	0,00736	14,6521	0,77529	7,82452	0,9141	3,71894	0,88746	0,02356	0,8782
2.07.2019	248,216	0,001	155,678	0,001	86,1358	0,001	62,906	0,001	41,7681	0,00483	14,8354	0,7617	7,97026	0,90551	3,6638	0,89277	5,7E-06	0,99877
3.07.2019	249,215	0,001	155,857	0,001	84,457	0,001	62,8965	0,001	40,3155	0,00784	14,7885	0,76518	7,60029	0,92641	3,68868	0,89037	0,00364	0,95185
4.07.2019	249,348	0,001	156,168	0,001	85,7945	0,001	61,8907	0,001	40,4292	0,00758	14,831	0,76203	7,63853	0,92439	3,682	0,89102	0,00083	0,97614
5.07.2019	250,329	0,001	156,447	0,001	84,499	0,001	61,9519	0,001	40,6641	0,00704	14,9216	0,75531	7,62947	0,92488	3,68312	0,89091	0,0018	0,96602
6.07.2019	250,835	0,001	156,64	0,001	83,3521	0,001	62,6058	0,001	40,727	0,0069	14,9405	0,75391	7,68537	0,92186	3,67847	0,89136	0,00242	0,96067
7.07.2019	251,108	0,001	156,803	0,001	82,7965	0,001	62,2612	0,001	41,4941	0,00515	15,0221	0,74786	7,79066	0,91603	3,64154	0,89492	0,00217	0,96276
8.07.2019	251,056	0,001	157,186	0,001	81,2049	0,001	62,8853	0,001	41,5718	0,00499	15,0736	0,74404	7,71247	0,9204	3,64604	0,89448	0,00625	0,93693
9.07.2019	250,865	0,001	157,429	0,001	80,357	0,001	62,9422	0,001	40,6311	0,00712	15,0854	0,74317	7,61224	0,92578	3,6518	0,89393	0,08535	0,79196
10.07.2019	251,254	0,001	157,536	0,001	80,0178	0,001	62,8121	0,001	39,7999	0,00901	15,0854	0,74316	7,46352	0,93339	3,67217	0,89197	0,23132	0,73646
11.07.2019	251,495	0,001	157,769	0,001	79,2359	0,001	63,9288	0,001	41,4531	0,00524	15,0851	0,74319	7,58367	0,92727	3,67782	0,89142	0,41842	0,66533
12.07.2019	252,49	0,001	157,638	0,001	79,3994	0,001	62,1331	0,001	40,3724	0,00771	15,1642	0,73732	7,36539	0,93812	3,70468	0,88883	0,12611	0,77646
13.07.2019	253,54	0,001	157,19	0,001	80,6228	0,001	61,4305	0,001	38,0772	0,01488	15,0862	0,74311	7,23152	0,94424	3,76443	0,88307	0,14058	0,77096
14.07.2019	253,132	0,001	157,189	0,001	78,4448	0,001	62,845	0,001	39,1808	0,01071	15,1158	0,74091	7,39679	0,93663	3,76427	0,88309	0,36048	0,68736
15.07.2019	253,36	0,001	158,535	0,001	78,9033	0,001	63,6987	0,001	37,0674	0,0201	15,0764	0,74383	7,15791	0,94742	3,99944	0,8592	0,47467	0,64395
16.07.2019	253,426	0,001	158,287	0,001	79,2047	0,001	64,2661	0,001	38,3419	0,01388	14,9612	0,75237	7,3702	0,93789	3,97991	0,86124	0,88179	0,48917
17.07.2019	254,913	0,001	158,603	0,001	78,9206	0,001	63,9041	0,001	39,5088	0,00968	15,0871	0,74304	7,43721	0,9347	3,88193	0,87148	0,51446	0,62882
18.07.2019	255,842	0,001	158,806	0,001	79,5097	0,001	64,1816	0,001	38,4448	0,01349	15,1088	0,74143	7,36185	0,93828	3,86835	0,8729	0,26409	0,72401
19.07.2019	255,82	0,001	158,749	0,001	79,3144	0,001	64,0286	0,001	38,1251	0,0147	15,1272	0,74007	7,35726	0,9385	3,83002	0,87675	0,30205	0,70957
20.07.2019	255,812	0,001	159,185	0,001	79,5064	0,001	62,5984	0,001	37,6652	0,01698	15,0757	0,74389	7,26273	0,94283	3,86856	0,87287	0,14998	0,76739

21.07.2019	256,192	0,001	159,215	0,001	79,8181	0,001	62,7761	0,001	36,9803	0,02068	15,1164	0,74087	7,31943	0,94028	3,89405	0,87021	0,14977	0,76747
22.07.2019	256,57	0,001	158,987	0,001	79,7644	0,001	62,5451	0,001	36,64	0,02293	15,1391	0,73919	7,23112	0,94426	3,92688	0,86678	0,14082	0,77087
23.07.2019	256,961	0,001	159,325	0,001	79,8032	0,001	62,8123	0,001	36,7566	0,02216	15,1687	0,73699	7,34599	0,93903	3,95571	0,86377	0,20988	0,74462
24.07.2019	257,302	0,001	159,626	0,001	79,7501	0,001	62,8105	0,001	37,0995	0,01991	15,149	0,73845	7,54094	0,9295	3,97611	0,86164	0,23909	0,73351
25.07.2019	257,751	0,001	159,881	0,001	79,8102	0,001	62,8977	0,001	37,1118	0,01985	15,1497	0,7384	7,51929	0,9306	3,98126	0,8611	0,28801	0,71491
26.07.2019	258,195	0,001	160,03	0,001	80,0392	0,001	62,8891	0,001	36,8396	0,02161	15,1155	0,74093	7,49591	0,93177	3,99727	0,85943	0,28238	0,71705
27.07.2019	258,557	0,001	160,2	0,001	80,162	0,001	63,1451	0,001	36,9968	0,02057	15,138	0,73926	7,48633	0,93225	4,00413	0,85871	0,4003	0,67222
28.07.2019	258,939	0,001	160,471	0,001	80,2312	0,001	63,2171	0,001	37,0867	0,01998	15,1483	0,73851	7,4777	0,93268	4,00826	0,85828	0,40898	0,66892
29.07.2019	259,336	0,001	160,707	0,001	80,3192	0,001	63,5267	0,001	37,2501	0,01913	15,1553	0,73799	7,51814	0,93066	4,01047	0,85805	0,4872	0,63918
30.07.2019	259,626	0,001	160,933	0,001	80,2006	0,001	63,6374	0,001	37,5868	0,01738	15,1909	0,73534	7,54841	0,92911	3,98977	0,86021	0,55824	0,61218
31.07.2019	259,98	0,001	161,05	0,001	80,2984	0,001	63,7008	0,001	37,8339	0,0161	15,2129	0,73371	7,58345	0,92728	3,97952	0,86128	0,45692	0,65069
1.08.2019	260,345	0,001	161,229	0,001	80,4208	0,001	63,4278	0,001	37,7553	0,01651	15,2176	0,73336	7,50927	0,9311	3,96383	0,86292	0,34889	0,69177
2.08.2019	260,567	0,001	161,279	0,001	80,0537	0,001	63,7676	0,001	37,8369	0,01609	15,2001	0,73466	7,48182	0,93247	3,95128	0,86423	0,48564	0,63978
3.08.2019	260,656	0,001	161,369	0,001	79,8348	0,001	63,6324	0,001	37,9117	0,0157	15,1723	0,73672	7,49916	0,93161	3,95535	0,86381	0,56159	0,6109
4.08.2019	260,669	0,001	161,506	0,001	79,2015	0,001	63,8172	0,001	38,4174	0,0136	15,0826	0,74337	7,5893	0,92698	3,92333	0,86715	0,65228	0,57642
5.08.2019	261,301	0,001	161,387	0,001	78,9701	0,001	63,8215	0,001	38,103	0,01478	15,1187	0,7407	7,47928	0,9326	3,94414	0,86498	0,72904	0,54724
6.08.2019	261,489	0,001	161,76	0,001	78,8989	0,001	63,3829	0,001	38,7267	0,01243	15,0632	0,74481	7,53792	0,92965	3,91423	0,8681	0,78428	0,52624
7.08.2019	262,063	0,001	161,761	0,001	78,6767	0,001	62,0827	0,001	38,3539	0,01384	14,8553	0,76023	7,35617	0,93855	3,92554	0,86692	0,60425	0,59468
8.08.2019	262,442	0,001	162,075	0,001	79,5311	0,001	60,4309	0,001	37,6031	0,0173	14,7219	0,77011	7,30304	0,94102	3,92209	0,86728	0,34791	0,69214
9.08.2019	262,767	0,001	162,198	0,001	79,1512	0,001	61,0027	0,001	36,6277	0,02301	14,7963	0,7646	7,16588	0,94708	3,95279	0,86407	0,52458	0,62497
10.08.2019	263,872	0,001	162,354	0,001	79,2636	0,001	60,1706	0,001	36,9739	0,02072	14,8517	0,76049	7,45132	0,93399	3,9486	0,86451	0,48414	0,64035
11.08.2019	264,266	0,001	162,633	0,001	79,4589	0,001	60,4534	0,001	36,8286	0,02168	14,9231	0,7552	7,46201	0,93346	3,97372	0,86189	0,42708	0,66204
12.08.2019	264,608	0,001	162,833	0,001	79,6985	0,001	60,2138	0,001	35,4482	0,03232	14,9708	0,75166	7,36534	0,93812	3,98565	0,86064	0,41327	0,66729
13.08.2019	264,894	0,001	162,976	0,001	79,8957	0,001	60,395	0,001	34,4107	0,04322	15,0514	0,74569	7,34235	0,93921	4,03378	0,85561	0,4881	0,63884
14.08.2019	265,398	0,001	163,118	0,001	79,8426	0,001	61,3596	0,001	35,1401	0,0352	15,0767	0,74381	7,49491	0,93182	4,04602	0,85433	0,77803	0,52861
15.08.2019	265,662	0,001	163,444	0,001	79,9613	0,001	61,0417	0,001	35,3144	0,03356	15,0929	0,74261	7,423	0,93539	4,05427	0,85347	0,60187	0,59559
16.08.2019	266,181	0,001	163,658	0,001	80,099	0,001	61,3211	0,001	35,1819	0,03479	15,1239	0,74031	7,38902	0,937	4,07045	0,85178	0,66711	0,57079
17.08.2019	266,695	0,001	163,938	0,001	80,1654	0,001	61,0635	0,001	35,296	0,03373	15,1345	0,73952	7,36997	0,9379	4,06102	0,85277	0,77228	0,5308
18.08.2019	267,001	0,001	164,188	0,001	80,2329	0,001	60,7004	0,001	35,7952	0,02923	15,1068	0,74158	7,4679	0,93317	4,04392	0,85455	0,70666	0,55575
19.08.2019	267,482	0,001	164,437	0,001	80,3515	0,001	60,5834	0,001	35,3901	0,03286	15,0859	0,74313	7,35604	0,93856	4,0457	0,85437	0,66738	0,57068
20.08.2019	267,861	0,001	164,664	0,001	80,4715	0,001	60,9704	0,001	34,5779	0,04125	15,2008	0,73461	7,32584	0,93999	4,07381	0,85143	0,75931	0,53573
21.08.2019	268,247	0,001	164,815	0,001	80,5803	0,001	60,9485	0,001	34,9335	0,03737	15,2548	0,7306	7,42364	0,93536	4,08763	0,84999	0,88304	0,4887
22.08.2019	268,643	0,001	165,154	0,001	80,6768	0,001	60,7388	0,001	35,2544	0,03412	15,271	0,7294	7,48418	0,93235	4,08586	0,85017	0,86138	0,49693
23.08.2019	269,05	0,001	165,385	0,001	80,7915	0,001	61,1259	0,001	34,7556	0,03924	15,3186	0,72587	7,45784	0,93367	4,09943	0,84867	0,865	0,49555
24.08.2019	269,502	0,001	165,632	0,001	80,9022	0,001	61,1375	0,001	34,7408	0,0394	15,3472	0,72376	7,48438	0,93234	4,10493	0,84806	1,01208	0,43963
25.08.2019	269,849	0,001	165,858	0,001	81,0032	0,001	61,3444	0,001	35,023	0,03643	15,3508	0,72349	7,52607	0,93026	4,11363	0,84709	1,03285	0,43174
26.08.2019	270,266	0,001	166,108	0,001	81,1303	0,001	61,5294	0,001	34,941	0,03729	15,3903	0,72056	7,48262	0,93243	4,13374	0,84486	1,04616	0,42668
27.08.2019	270,749	0,001	166,366	0,001	81,2689	0,001	61,5665	0,001	34,5866	0,04115	15,4411	0,71679	7,45831	0,93365	4,15647	0,84233	1,11345	0,4011
28.08.2019	271,142	0,001	166,601	0,001	81,2831	0,001	62,1744	0,001	34,7024	0,0398	15,4852	0,71352	7,4944	0,93184	4,19538	0,838	1,40303	0,291
29.08.2019	271,518	0,001	166,861	0,001	81,269	0,001	62,5033	0,001	35,2539	0,03412	15,5177	0,71112	7,57435	0,92776	4,21573	0,83573	1,68459	0,19465

30.08.2019	272,105	0,001	167,082	0,001	81,4191	0,001	62,3986	0,001	35,3384	0,03334	15,5395	0,7095	7,56415	0,92829	4,22356	0,83486	1,62753	0,20565
31.08.2019	273,113	0,001	167,237	0,001	81,3628	0,001	62,6324	0,001	35,6778	0,03019	15,5616	0,70786	7,61101	0,92585	4,22955	0,8342	1,8424	0,1747
1.09.2019	273,426	0,001	167,44	0,001	81,2976	0,001	62,3501	0,001	36,1542	0,02637	15,5329	0,70999	7,63305	0,92469	4,2086	0,83653	1,82015	0,17747
2.09.2019	273,866	0,001	167,252	0,001	81,3629	0,001	61,9835	0,001	36,048	0,02721	15,3782	0,72146	7,54085	0,9295	4,20053	0,83742	1,738	0,18788
3.09.2019	274,031	0,001	167,2	0,001	81,3421	0,001	62,2157	0,001	35,9406	0,02807	15,4094	0,71915	7,53834	0,92963	4,20375	0,83707	1,80261	0,17969
4.09.2019	273,987	0,001	167,183	0,001	81,2005	0,001	62,245	0,001	35,9633	0,02789	15,3902	0,72057	7,55561	0,92873	4,21748	0,83554	1,94708	0,16345
5.09.2019	274,372	0,001	167,288	0,001	81,5384	0,001	61,2849	0,001	35,3996	0,03277	15,3569	0,72304	7,46605	0,93326	4,23533	0,83355	1,8064	0,17921
6.09.2019	170,805	0,001	123,588	0,001	78,7974	0,001	73,7479	0,001	28,388	0,19635	15,4578	0,71556	7,90729	0,90927	3,85857	0,87392	1,69968	0,19274
7.09.2019	171,014	0,001	123,739	0,001	77,9666	0,001	73,9688	0,001	28,1816	0,20797	15,475	0,71428	7,9312	0,90784	3,86023	0,87374	1,69501	0,19333
8.09.2019	171,142	0,001	123,894	0,001	78,0162	0,001	74,1581	0,001	28,1249	0,21176	15,481	0,71384	7,98922	0,90436	3,86294	0,87346	1,6856	0,19452
9.09.2019	171,189	0,001	123,949	0,001	77,7505	0,001	74,2451	0,001	27,7215	0,23881	15,49	0,71317	8,01423	0,90282	3,8736	0,87235	1,72736	0,18923
10.09.2019	171,405	0,001	124,109	0,001	78,0089	0,001	74,3857	0,001	28,0284	0,21824	15,4894	0,71321	8,03468	0,90157	3,87343	0,87236	1,71882	0,19031
11.09.2019	171,485	0,001	124,43	0,001	78,1198	0,001	74,1002	0,001	28,6108	0,18707	15,4971	0,71264	8,06455	0,89971	3,88041	0,87164	1,85447	0,1734
12.09.2019	171,439	0,001	124,593	0,001	77,8971	0,001	74,0592	0,001	28,4577	0,19345	15,5152	0,7113	8,04838	0,90073	3,88749	0,8709	1,89463	0,16909
13.09.2019	171,533	0,001	124,775	0,001	77,4754	0,001	74,1254	0,001	28,37	0,1971	15,5363	0,70974	8,05615	0,90025	3,88805	0,87084	1,91393	0,16701
14.09.2019	171,503	0,001	125,025	0,001	76,9053	0,001	74,3323	0,001	28,3403	0,19834	15,5342	0,70989	8,07076	0,8993	3,8927	0,87035	1,96634	0,16138
15.09.2019	171,389	0,001	125,197	0,001	77,3816	0,001	74,3654	0,001	28,4852	0,1923	15,4955	0,71276	8,09191	0,8979	3,89573	0,87003	2,04333	0,15311
16.09.2019	171,263	0,001	125,287	0,001	77,4648	0,001	74,5584	0,001	28,6767	0,18432	15,4893	0,71322	8,10351	0,89713	3,89594	0,87001	2,05558	0,1518
17.09.2019	171,773	0,001	125,196	0,001	76,7142	0,001	74,8468	0,001	28,5306	0,19041	15,5063	0,71196	8,0947	0,89771	3,88918	0,87072	1,98789	0,15907
18.09.2019	172,295	0,001	124,737	0,001	76,5855	0,001	74,9144	0,001	28,3323	0,19867	15,5707	0,70718	8,10511	0,89702	3,89716	0,86989	1,763	0,18471
19.09.2019	172,086	0,001	125,019	0,001	77,0789	0,001	75,0102	0,001	28,5195	0,19088	15,5747	0,70689	8,07837	0,8988	3,91859	0,86765	1,90261	0,16823
20.09.2019	172,127	0,001	125,506	0,001	76,4536	0,001	74,543	0,001	28,3609	0,19748	15,5278	0,71037	8,08527	0,89834	3,92801	0,86666	1,89383	0,16917
21.09.2019	172,161	0,001	125,527	0,001	76,6764	0,001	74,0284	0,001	28,4499	0,19377	15,5534	0,70847	8,1193	0,89608	3,93489	0,86594	1,93218	0,16505
22.09.2019	171,983	0,001	125,644	0,001	76,9679	0,001	74,3694	0,001	28,5142	0,1911	15,5118	0,71155	8,12633	0,89562	3,96983	0,86229	2,0056	0,15717
23.09.2019	171,897	0,001	125,747	0,001	77,4608	0,001	75,281	0,001	27,8595	0,22956	15,2604	0,73019	8,09202	0,89789	4,0008	0,85906	2,14676	0,14338
24.09.2019	172,007	0,001	125,95	0,001	78,721	0,001	74,9539	0,001	28,9331	0,17379	15,0221	0,74786	8,13306	0,89517	4,0271	0,85631	2,34605	0,12566
25.09.2019	172	0,001	125,927	0,001	78,6163	0,001	75,6807	0,001	28,9744	0,17225	14,9081	0,75631	8,12461	0,89573	4,04267	0,85468	2,30739	0,1291
26.09.2019	171,87	0,001	125,96	0,001	78,9607	0,001	75,7913	0,001	29,341	0,15856	14,8099	0,76359	8,146	0,89431	4,04968	0,85395	2,33822	0,12636
27.09.2019	171,792	0,001	125,815	0,001	78,846	0,001	75,7317	0,001	29,3015	0,16003	14,8309	0,76203	8,09027	0,89801	4,05237	0,85367	2,37437	0,12352
28.09.2019	171,74	0,001	126,067	0,001	79,0404	0,001	75,9988	0,001	29,1956	0,16399	14,7803	0,76579	8,0712	0,89927	4,05895	0,85298	2,40259	0,12151
29.09.2019	171,991	0,001	126,246	0,001	78,9899	0,001	75,7309	0,001	29,4973	0,15272	14,8098	0,7636	8,10147	0,89726	4,06464	0,85239	2,43598	0,11914
30.09.2019	172,16	0,001	126,408	0,001	78,6826	0,001	75,7594	0,001	29,4726	0,15365	14,8418	0,76123	8,09319	0,89781	4,07062	0,85176	2,43353	0,11932
1.10.2019	172,337	0,001	126,604	0,001	78,6398	0,001	75,7414	0,001	29,4516	0,15443	14,8506	0,76058	8,11674	0,89625	4,07663	0,85114	2,43034	0,11954
2.10.2019	172,572	0,001	126,772	0,001	78,5866	0,001	75,6731	0,001	29,3667	0,1576	14,8286	0,7622	8,11389	0,89644	4,08212	0,85056	2,44591	0,11844
3.10.2019	172,8	0,001	126,937	0,001	78,8286	0,001	75,8277	0,001	29,3933	0,15661	14,7978	0,76448	8,13818	0,89483	4,08755	0,84999	2,4439	0,11858
4.10.2019	173,031	0,001	127,092	0,001	78,5972	0,001	75,9037	0,001	29,3821	0,15702	14,783	0,76558	8,15586	0,89366	4,09314	0,84937	2,44559	0,11846
5.10.2019	173,214	0,001	127,254	0,001	78,8316	0,001	76,1124	0,001	29,2337	0,16257	14,6681	0,7741	8,14621	0,8943	4,09801	0,84883	2,44364	0,1186
6.10.2019	173,514	0,001	127,418	0,001	78,7352	0,001	75,859	0,001	29,5586	0,15044	14,7874	0,76526	8,1931	0,89119	4,10358	0,84821	2,4549	0,1178
7.10.2019	173,698	0,001	127,603	0,001	78,4945	0,001	75,5542	0,001	29,3609	0,15782	14,7451	0,76839	8,18059	0,89202	4,1094	0,84756	2,43828	0,11898
8.10.2019	173,954	0,001	127,78	0,001	78,5867	0,001	75,138	0,001	29,5232	0,15176	14,8656	0,75946	8,22143	0,88931	4,1112	0,84736	2,44662	0,11839

9.10.2019	174,142	0,001	127,941	0,001	78,1713	0,001	74,2221	0,001	29,0256	0,17033	14,9985	0,74961	8,14839	0,89415	4,11574	0,84686	2,40199	0,12156
10.10.2019	174,355	0,001	128,116	0,001	78,4743	0,001	74,7807	0,001	28,8277	0,17804	14,9318	0,75455	8,14662	0,89427	4,12238	0,84612	2,4203	0,12026
11.10.2019	174,727	0,001	128,313	0,001	78,6308	0,001	74,2247	0,001	29,1559	0,16547	14,894	0,75735	8,21242	0,88991	4,1291	0,84537	2,44669	0,11838
12.10.2019	174,94	0,001	128,479	0,001	78,5385	0,001	74,0743	0,001	29,0339	0,17003	14,936	0,75424	8,20195	0,89061	4,1355	0,84466	2,41042	0,12096
13.10.2019	175,177	0,001	128,591	0,001	78,3646	0,001	73,5597	0,001	28,6504	0,18542	15,0311	0,74719	8,20038	0,89071	4,13588	0,84462	2,32647	0,1274
14.10.2019	175,434	0,001	128,756	0,001	78,4817	0,001	73,5454	0,001	28,4646	0,19316	14,9603	0,75244	8,17651	0,89229	4,14452	0,84366	2,3406	0,12615
15.10.2019	175,664	0,001	128,929	0,001	78,5282	0,001	73,7387	0,001	28,3719	0,19702	14,9778	0,75114	8,15549	0,89368	4,15319	0,84269	2,328	0,12727
16.10.2019	175,889	0,001	129,204	0,001	78,7405	0,001	73,4968	0,001	28,6012	0,18747	14,9732	0,75149	8,20949	0,89011	4,16155	0,84176	2,34942	0,12536
17.10.2019	176,125	0,001	129,369	0,001	78,6153	0,001	73,128	0,001	28,4712	0,19289	14,9836	0,75071	8,18355	0,89182	4,167	0,84115	2,27432	0,13204
18.10.2019	176,367	0,001	129,53	0,001	78,7767	0,001	73,2791	0,001	28,4823	0,19243	14,9753	0,75133	8,21292	0,88988	4,17376	0,8404	2,29911	0,12984
19.10.2019	176,605	0,001	129,684	0,001	78,8751	0,001	72,93	0,001	28,5994	0,18755	15,0715	0,74419	8,24156	0,88798	4,17563	0,84019	2,28864	0,13077
20.10.2019	176,837	0,001	129,616	0,001	78,9934	0,001	72,966	0,001	28,527	0,19056	15,0794	0,74361	8,23153	0,88864	4,182	0,83949	2,3063	0,1292
21.10.2019	177,069	0,001	129,853	0,001	79,0644	0,001	73,124	0,001	28,4528	0,19365	15,0695	0,74435	8,2425	0,88792	4,18876	0,83873	2,32193	0,12781
22.10.2019	177,275	0,001	130,135	0,001	78,9794	0,001	73,4881	0,001	28,2452	0,2037	14,9258	0,755	8,20633	0,89031	4,1946	0,83808	2,32978	0,12711
23.10.2019	177,494	0,001	130,339	0,001	79,2353	0,001	73,853	0,001	28,6509	0,1854	14,8404	0,76133	8,2871	0,88496	4,19899	0,8376	2,40171	0,12158
24.10.2019	177,786	0,001	130,496	0,001	79,4027	0,001	72,8482	0,001	29,0785	0,16836	15,1805	0,73611	8,38117	0,87873	4,20448	0,83698	2,37178	0,1237
25.10.2019	177,987	0,001	130,293	0,001	79,5042	0,001	71,9911	0,001	28,9276	0,17399	15,3223	0,7256	8,36308	0,87993	4,20281	0,83717	2,33759	0,12641
26.10.2019	178,21	0,001	129,692	0,001	79,6755	0,001	71,1085	0,001	28,7538	0,18112	15,415	0,71873	8,34397	0,88119	4,19965	0,83752	2,39703	0,12191
27.10.2019	178,427	0,001	129,395	0,001	79,7714	0,001	71,0776	0,001	28,3503	0,19792	15,4175	0,71854	8,35712	0,88032	4,20454	0,83698	2,4143	0,12068
28.10.2019	178,342	0,001	130,175	0,001	79,7166	0,001	71,1342	0,001	28,1689	0,20881	15,4838	0,71363	8,38566	0,87843	4,20148	0,83732	2,39116	0,12233
29.10.2019	178,467	0,001	130,488	0,001	79,7551	0,001	71,5706	0,001	27,6596	0,24296	15,4509	0,71607	8,38227	0,87865	4,20591	0,83683	2,35226	0,12511
30.10.2019	178,674	0,001	130,654	0,001	79,8775	0,001	71,9032	0,001	27,8515	0,23009	15,4938	0,71289	8,40306	0,87728	4,21174	0,83618	2,35687	0,12476
31.10.2019	178,893	0,001	130,921	0,001	80,0253	0,001	71,3756	0,001	28,0212	0,21872	15,4992	0,71248	8,42428	0,87587	4,2218	0,83506	2,33234	0,12688
1.11.2019	179,125	0,001	131,091	0,001	80,129	0,001	71,2174	0,001	28,0097	0,21949	15,5471	0,70894	8,45829	0,87346	4,23358	0,83375	2,30839	0,12901
2.11.2019	179,173	0,001	131,262	0,001	80,2219	0,001	71,1105	0,001	27,7572	0,23642	15,5552	0,70833	8,45875	0,87343	4,24509	0,83247	2,28162	0,13139
3.11.2019	179,414	0,001	131,346	0,001	80,3279	0,001	70,9637	0,001	27,9011	0,22677	15,6448	0,70169	8,46659	0,87285	4,24664	0,83229	2,28389	0,13119
4.11.2019	179,622	0,001	131,542	0,001	80,4291	0,001	70,9857	0,001	27,7287	0,23833	15,6409	0,70198	8,48315	0,87163	4,25794	0,83104	2,22864	0,1361
5.11.2019	179,875	0,001	131,754	0,001	80,5326	0,001	71,0961	0,001	27,8757	0,22847	15,6668	0,70006	8,51979	0,86893	4,2669	0,83004	2,20504	0,1382

Trace Test Stat																		
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8		Lag Length
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	
7.09.2018	442,597	0,001	303,719	0,001	174,241	0,00131	114,022	0,08365	77,8572	0,24882	49,4205	0,46419	30,9101	0,47752	13,544	0,70155	5,08389	0,62456	2
8.09.2018	443,246	0,001	304,028	0,001	174,316	0,00128	113,93	0,08465	78,0156	0,24331	49,5028	0,46074	30,8946	0,47834	13,5132	0,70376	5,07136	0,62604	2
9.09.2018	443,486	0,001	304,183	0,001	174,434	0,00123	113,881	0,08521	78,1914	0,2372	49,6066	0,4564	31,0122	0,47214	13,5893	0,6983	5,12861	0,61931	2
10.09.2018	444,262	0,001	304,865	0,001	174,683	0,00112	113,96	0,08433	78,4094	0,22963	49,7623	0,44988	31,1245	0,46622	13,6188	0,69619	5,1593	0,6157	2
11.09.2018	445,076	0,001	305,093	0,001	174,507	0,00119	113,622	0,0882	78,6776	0,22031	49,9181	0,44336	31,2644	0,45884	13,6692	0,69257	5,21453	0,6092	2
12.09.2018	445,114	0,001	305,134	0,001	174,276	0,0013	113,242	0,0927	78,6261	0,2221	49,791	0,44868	31,1212	0,46639	13,602	0,6974	5,17652	0,61367	2
13.09.2018	445,764	0,001	305,995	0,001	174,681	0,00112	113,495	0,08967	78,5796	0,22372	49,7145	0,45188	31,1074	0,46712	13,6514	0,69385	5,20644	0,61015	2
14.09.2018	447,099	0,001	307,102	0,001	175,446	0,001	114,099	0,0828	78,9895	0,20947	50,0394	0,43828	31,3415	0,45478	13,8141	0,68217	5,22662	0,60778	2
15.09.2018	447,151	0,001	307,461	0,001	175,641	0,001	114,124	0,08252	78,9903	0,20944	50,0171	0,43922	31,2719	0,45845	13,7993	0,68324	5,21859	0,60873	2
16.09.2018	447,819	0,001	307,74	0,001	175,675	0,001	113,951	0,08443	79,1163	0,20507	50,1171	0,43503	31,4623	0,44841	13,8398	0,68033	5,23544	0,60674	2
17.09.2018	448,714	0,001	308,176	0,001	175,701	0,001	113,82	0,08592	79,2054	0,20197	50,1521	0,43357	31,374	0,45307	13,7622	0,6859	5,18615	0,61254	2
18.09.2018	449,285	0,001	308,451	0,001	175,653	0,001	113,684	0,08749	79,0561	0,20716	50,0418	0,43818	31,262	0,45897	13,7625	0,68588	5,17184	0,61422	2
19.09.2018	450,061	0,001	309,01	0,001	175,9	0,001	113,823	0,08588	79,1717	0,20314	50,098	0,43583	31,3112	0,45637	13,8316	0,68093	5,20863	0,6099	2
20.09.2018	450,761	0,001	308,99	0,001	175,599	0,001	113,689	0,08742	78,8351	0,21484	49,9036	0,44396	31,0844	0,46833	14,0024	0,66867	5,2852	0,60089	2
21.09.2018	450,796	0,001	308,681	0,001	175,041	0,001	113,195	0,09326	78,1892	0,23728	49,4022	0,46495	30,6692	0,49022	13,9906	0,66951	5,22754	0,60767	2
22.09.2018	450,408	0,001	308,141	0,001	174,997	0,001	113,154	0,09376	78,0833	0,24096	49,2266	0,4723	30,4839	0,49999	14,0197	0,66743	5,20696	0,61009	2
23.09.2018	453,708	0,001	309,916	0,001	175,577	0,001	113,139	0,09394	78,3305	0,23237	49,2801	0,47006	30,6503	0,49122	14,1291	0,65958	5,31598	0,59727	2
24.09.2018	450,657	0,001	309,416	0,001	175,386	0,001	112,919	0,09666	78,2477	0,23525	48,9934	0,48206	30,417	0,50352	14,0057	0,66843	5,1975	0,61121	2
25.09.2018	448,339	0,001	307,195	0,001	175,337	0,001	112,983	0,09586	78,4427	0,22847	49,116	0,47693	30,4595	0,50128	14,1544	0,65777	5,1539	0,61633	2
26.09.2018	446,584	0,001	305,488	0,001	175,542	0,001	113,092	0,09451	78,3074	0,23317	48,9041	0,4858	30,1588	0,51713	13,9763	0,67054	5,16141	0,61545	2
27.09.2018	447,928	0,001	306,342	0,001	176,262	0,001	113,523	0,08935	78,608	0,22273	49,1303	0,47633	30,3714	0,50593	14,0933	0,66215	5,24182	0,60599	2
28.09.2018	447,178	0,001	305,55	0,001	176,475	0,001	113,596	0,0885	78,6031	0,2229	49,0471	0,47981	30,2583	0,51188	14,0592	0,6646	5,21782	0,60882	2
29.09.2018	446,704	0,001	305,138	0,001	176,636	0,001	113,675	0,08759	78,575	0,22388	48,9424	0,48419	30,0757	0,52151	14,0908	0,66233	5,17641	0,61369	2
30.09.2018	447,482	0,001	305,765	0,001	176,955	0,001	113,818	0,08594	78,7581	0,21751	49,0454	0,47988	30,1394	0,51816	14,1192	0,66029	5,18152	0,61309	2
1.10.2018	447,599	0,001	305,762	0,001	177,114	0,001	113,815	0,08597	78,7285	0,21854	48,9421	0,48421	30,0009	0,52546	14,0894	0,66243	5,18663	0,61248	2
2.10.2018	447,387	0,001	306,084	0,001	177,917	0,001	114,464	0,07883	79,1355	0,2044	49,2425	0,47164	30,2853	0,51046	14,2042	0,65419	5,20943	0,6098	2
3.10.2018	447,123	0,001	305,602	0,001	178,351	0,001	114,852	0,07478	79,5137	0,19406	49,5386	0,45924	30,5034	0,49896	14,2574	0,65038	5,24899	0,60515	2
4.10.2018	447,297	0,001	305,76	0,001	178,698	0,001	115,002	0,07329	79,6837	0,19005	49,6348	0,45521	30,5449	0,49677	14,259	0,65026	5,29326	0,59995	2
5.10.2018	448,252	0,001	306,583	0,001	179,324	0,001	115,494	0,06851	79,9268	0,18431	49,7881	0,4488	30,6546	0,49099	14,3	0,64733	5,30439	0,59864	2
6.10.2018	448,411	0,001	306,728	0,001	179,766	0,001	115,713	0,06644	80,1964	0,17794	49,9956	0,44012	30,8067	0,48297	14,2923	0,64787	5,32906	0,59574	2
7.10.2018	450,161	0,001	308,135	0,001	180,457	0,001	116,224	0,06187	80,5729	0,16962	50,3111	0,42691	31,0709	0,46904	14,3545	0,64341	5,38425	0,58925	2
8.10.2018	450,339	0,001	308,067	0,001	180,482	0,001	116,074	0,06319	80,4848	0,1715	50,2028	0,43144	30,9142	0,47731	14,294	0,64775	5,37362	0,5905	2
9.10.2018	450,52	0,001	307,971	0,001	180,585	0,001	116,01	0,06374	80,5057	0,17106	50,2074	0,43125	30,8849	0,47885	14,2727	0,64928	5,35868	0,59225	2
10.10.2018	451,153	0,001	308,279	0,001	180,763	0,001	116,01	0,06375	80,5024	0,17113	50,1866	0,43212	30,9035	0,47787	14,2837	0,64849	5,33812	0,59467	2
11.10.2018	450,616	0,001	307,349	0,001	180,73	0,001	115,802	0,06561	80,6656	0,16765	50,3849	0,42382	31,0138	0,47205	14,191	0,65514	5,30043	0,5991	2
12.10.2018	452,119	0,001	308,487	0,001	181,311	0,001	116,232	0,0618	80,7941	0,16491	50,6517	0,41265	31,2129	0,46156	14,3019	0,64719	5,33859	0,59462	2
13.10.2018	452,998	0,001	308,996	0,001	181,583	0,001	116,315	0,06107	80,7376	0,16611	50,6834	0,41133	31,1923	0,46264	14,2423	0,65146	5,33032	0,59559	2

14.10.2018	454,073	0,001	309,674	0,001	182,041	0,001	116,597	0,0587	80,9783	0,16098	50,9221	0,40134	31,3469	0,45449	14,2909	0,64797	5,37547	0,59028	2
15.10.2018	455,489	0,001	310,769	0,001	182,686	0,001	117,071	0,05483	81,2501	0,15518	51,0873	0,39442	31,4683	0,44809	14,408	0,63958	5,39113	0,58844	2
16.10.2018	455,986	0,001	310,89	0,001	182,55	0,001	116,768	0,05729	80,9668	0,16122	50,9622	0,39966	31,2898	0,4575	14,3258	0,64547	5,36802	0,59115	2
17.10.2018	457,051	0,001	311,554	0,001	182,801	0,001	116,853	0,05659	81,0691	0,15904	50,9646	0,39956	31,2633	0,4589	14,3488	0,64382	5,38863	0,58873	2
18.10.2018	457,823	0,001	311,949	0,001	183,027	0,001	116,911	0,05612	81,14	0,15753	50,9158	0,4016	31,1841	0,46307	14,3331	0,64495	5,3769	0,59011	2
19.10.2018	458,684	0,001	312,447	0,001	183,379	0,001	117,098	0,05462	81,3147	0,1538	50,9571	0,39987	31,1815	0,46321	14,392	0,64072	5,3795	0,58981	2
20.10.2018	459,479	0,001	312,878	0,001	183,627	0,001	117,181	0,05399	81,3674	0,15267	50,9659	0,39951	31,1416	0,46532	14,3822	0,64143	5,37407	0,59044	2
21.10.2018	515,164	0,001	343,21	0,001	231,067	0,001	156,602	0,001	93,8004	0,02081	60,9795	0,08559	30,8494	0,48072	14,0839	0,66282	5,21085	0,60964	3
22.10.2018	516,152	0,001	343,778	0,001	231,437	0,001	156,87	0,001	93,9614	0,02014	61,0824	0,08405	30,8769	0,47927	14,0868	0,66261	5,20674	0,61012	3
23.10.2018	517,155	0,001	344,376	0,001	231,903	0,001	157,191	0,001	94,0966	0,01967	61,1283	0,08338	30,8483	0,48078	14,1083	0,66107	5,20453	0,61038	3
24.10.2018	517,963	0,001	344,772	0,001	232,303	0,001	157,452	0,001	94,216	0,01927	61,2241	0,08197	30,8698	0,47965	14,1152	0,66058	5,18569	0,61259	3
25.10.2018	518,767	0,001	345,192	0,001	232,642	0,001	157,744	0,001	94,3761	0,01875	61,3431	0,08022	30,921	0,47695	14,1314	0,65942	5,19844	0,6111	3
26.10.2018	519,679	0,001	345,698	0,001	233,023	0,001	158,01	0,001	94,4812	0,0184	61,4477	0,07875	30,9618	0,4748	14,1428	0,6586	5,20424	0,61041	3
27.10.2018	520,326	0,001	345,907	0,001	233,302	0,001	158,203	0,001	94,5189	0,01828	61,474	0,07838	30,9449	0,47569	14,125	0,65988	5,18174	0,61306	3
28.10.2018	521,257	0,001	346,411	0,001	233,469	0,001	158,298	0,001	94,4765	0,01842	61,5688	0,07706	30,9611	0,47483	14,1342	0,65922	5,18395	0,6128	3
29.10.2018	521,905	0,001	346,643	0,001	233,738	0,001	158,517	0,001	94,5723	0,0181	61,5932	0,07672	30,9509	0,47537	14,0819	0,66297	5,12206	0,62008	3
30.10.2018	522,848	0,001	347,157	0,001	234,087	0,001	158,783	0,001	94,7069	0,01766	61,6853	0,07543	31,0099	0,47226	14,128	0,65966	5,15138	0,61663	3
31.10.2018	523,507	0,001	347,388	0,001	234,29	0,001	158,964	0,001	94,7576	0,01749	61,6732	0,0756	30,9783	0,47393	14,1016	0,66156	5,13868	0,61812	3
1.11.2018	524,348	0,001	347,8	0,001	234,664	0,001	159,195	0,001	94,7891	0,01739	61,7113	0,07506	31,0016	0,4727	14,1564	0,65763	5,15477	0,61623	3
2.11.2018	525,652	0,001	348,691	0,001	235,103	0,001	159,355	0,001	94,9063	0,01701	61,837	0,0734	31,0205	0,4717	14,1343	0,65921	5,17263	0,61413	3
3.11.2018	526,834	0,001	349,463	0,001	235,767	0,001	159,772	0,001	95,178	0,01611	61,9406	0,07203	31,0399	0,47068	14,1053	0,66129	5,14236	0,61769	3
4.11.2018	527,737	0,001	350,054	0,001	236,337	0,001	159,961	0,001	95,2473	0,01588	61,9385	0,07205	30,9903	0,47329	14,0903	0,66237	5,12012	0,6203	3
5.11.2018	528,664	0,001	350,745	0,001	236,875	0,001	160,384	0,001	95,5189	0,01499	62,0424	0,07068	31,0441	0,47046	14,1106	0,66091	5,11953	0,62037	3
6.11.2018	529,241	0,001	351,287	0,001	237,043	0,001	160,379	0,001	95,4486	0,01522	61,8282	0,07351	30,7882	0,48395	14,0319	0,66656	5,07731	0,62534	3
7.11.2018	530,204	0,001	351,71	0,001	237,697	0,001	160,849	0,001	95,6597	0,01465	61,9723	0,07161	30,7775	0,48451	14,0047	0,6685	4,99202	0,63537	3
8.11.2018	531,263	0,001	352,291	0,001	237,975	0,001	160,952	0,001	95,8031	0,01431	62,202	0,06865	30,9217	0,47691	14,1113	0,66086	5,06172	0,62717	3
9.11.2018	532,628	0,001	353,236	0,001	238,633	0,001	161,357	0,001	96,0538	0,0137	62,3109	0,06729	30,962	0,47479	14,1155	0,66056	5,04637	0,62898	3
10.11.2018	533,4	0,001	353,642	0,001	238,81	0,001	161,36	0,001	96,0364	0,01375	62,2691	0,06781	30,8461	0,4809	14,0952	0,66201	5,0032	0,63405	3
11.11.2018	534,15	0,001	354,091	0,001	238,807	0,001	161,175	0,001	96,1472	0,01348	62,3096	0,06731	30,8331	0,48158	14,0939	0,66211	5,01898	0,6322	3
12.11.2018	535,211	0,001	354,722	0,001	239,225	0,001	161,408	0,001	96,1134	0,01356	62,1703	0,06904	30,6172	0,49297	14,0614	0,66444	4,90965	0,64505	3
13.11.2018	535,597	0,001	354,675	0,001	239,096	0,001	161,095	0,001	95,6281	0,01473	62,1014	0,0699	30,4961	0,49935	14,0417	0,66585	4,74379	0,66455	3
14.11.2018	536,308	0,001	354,977	0,001	239,194	0,001	161,061	0,001	95,8047	0,01431	62,2592	0,06794	30,5686	0,49553	14,0285	0,6668	4,75201	0,66359	3
15.11.2018	536,908	0,001	355,148	0,001	239,011	0,001	160,704	0,001	95,6243	0,01474	62,1645	0,06912	30,3987	0,50448	14,0246	0,66708	4,7727	0,66116	3
16.11.2018	537,496	0,001	355,421	0,001	238,987	0,001	160,509	0,001	95,5205	0,01499	62,1438	0,06937	30,3211	0,50857	14,0003	0,66882	4,74068	0,66492	3
17.11.2018	538,119	0,001	355,609	0,001	238,96	0,001	160,318	0,001	95,3764	0,01546	61,9366	0,07208	30,0733	0,52164	13,9332	0,67363	4,67222	0,67297	3
18.11.2018	539,153	0,001	356,093	0,001	239,058	0,001	160,226	0,001	94,8576	0,01717	61,955	0,07183	29,7898	0,53659	13,9046	0,67569	4,4463	0,69953	3
19.11.2018	538,024	0,001	354,535	0,001	237,539	0,001	158,559	0,001	93,7161	0,02115	61,0811	0,08407	29,1125	0,5723	13,7082	0,68977	4,25574	0,72194	3
20.11.2018	536,536	0,001	352,604	0,001	236,302	0,001	157,638	0,001	93,2173	0,02321	60,3498	0,09558	28,8397	0,58668	13,7528	0,68657	4,31587	0,71487	3
21.11.2018	537,544	0,001	353,27	0,001	236,085	0,001	157,253	0,001	92,8084	0,0249	60,0807	0,10014	28,8928	0,58388	13,9146	0,67497	4,39233	0,70588	3
22.11.2018	537,616	0,001	352,849	0,001	235,544	0,001	156,583	0,001	92,2998	0,02739	59,4972	0,11111	28,8817	0,58446	13,7117	0,68953	4,24494	0,72321	3

23.11.2018	537,11	0,001	351,928	0,001	234,778	0,001	155,668	0,001	91,2901	0,03274	58,3486	0,13406	28,3184	0,61416	13,6026	0,69735	4,09433	0,74092	3
24.11.2018	536,11	0,001	350,638	0,001	233,719	0,001	154,527	0,001	90,1745	0,03967	57,33	0,15744	28,1943	0,6207	13,5098	0,70401	4,1328	0,7364	3
25.11.2018	535,749	0,001	349,892	0,001	232,73	0,001	153,551	0,001	89,5338	0,04428	56,5179	0,17813	27,8895	0,63677	13,4783	0,70626	4,12672	0,73711	3
26.11.2018	535,679	0,001	349,515	0,001	232,115	0,001	152,671	0,001	88,6306	0,0515	55,6002	0,20554	27,7384	0,64474	13,3027	0,71887	4,10238	0,73998	3
27.11.2018	535,394	0,001	348,812	0,001	231,57	0,001	152,032	0,001	88,3136	0,05425	55,392	0,21426	27,8388	0,63945	13,3899	0,71261	4,21851	0,72632	3
28.11.2018	536,394	0,001	349,419	0,001	231,549	0,001	151,91	0,001	88,3861	0,05362	55,3409	0,2164	28,02	0,62989	13,3828	0,71311	4,27995	0,7191	3
29.11.2018	537,84	0,001	350,398	0,001	232,128	0,001	152,203	0,001	88,5947	0,05181	55,304	0,21794	28,0969	0,62584	13,4532	0,70807	4,17852	0,73102	3
30.11.2018	538,319	0,001	350,447	0,001	232,016	0,001	151,95	0,001	88,425	0,05328	55,2298	0,22104	27,846	0,63907	13,2873	0,71997	4,12767	0,737	3
1.12.2018	539,034	0,001	350,732	0,001	232,027	0,001	152,002	0,001	88,7333	0,05061	55,4231	0,21295	27,8269	0,64007	13,486	0,70572	4,19705	0,72884	3
2.12.2018	539,733	0,001	351,008	0,001	232,029	0,001	151,77	0,001	88,4504	0,05306	55,0392	0,22902	27,6768	0,64799	13,4634	0,70734	4,09586	0,74074	3
3.12.2018	540,434	0,001	351,288	0,001	232,065	0,001	151,716	0,001	88,3175	0,05421	54,8904	0,23525	27,7595	0,64363	13,4978	0,70487	4,09431	0,74092	3
4.12.2018	542,687	0,001	353,094	0,001	233,615	0,001	153,091	0,001	89,1029	0,04763	55,55	0,20764	28,4466	0,6074	13,9855	0,66988	4,20328	0,72811	3
5.12.2018	543,797	0,001	353,789	0,001	234,053	0,001	153,265	0,001	89,0356	0,04816	55,3568	0,21573	28,6783	0,59519	14,1595	0,6574	4,21834	0,72634	3
6.12.2018	542,34	0,001	351,841	0,001	231,837	0,001	151,234	0,001	87,8133	0,05885	54,0004	0,2725	28,1133	0,62497	13,813	0,68225	4,09883	0,74039	3
7.12.2018	541,757	0,001	350,706	0,001	230,486	0,001	149,782	0,001	86,6059	0,07132	52,8645	0,32004	27,6258	0,65068	13,4736	0,7066	4,09307	0,74107	3
8.12.2018	542,425	0,001	350,867	0,001	230,403	0,001	149,514	0,001	86,3453	0,07427	52,5956	0,33129	27,351	0,66517	13,3839	0,71303	4,14266	0,73524	3
9.12.2018	543,602	0,001	351,214	0,001	230,536	0,001	149,459	0,001	86,19	0,07609	52,2732	0,34479	27,0086	0,68322	13,232	0,72393	4,00869	0,75099	3
10.12.2018	544,32	0,001	351,48	0,001	230,518	0,001	149,279	0,001	85,8909	0,07967	51,9481	0,3584	26,8619	0,69095	13,1441	0,73024	3,94279	0,75874	3
11.12.2018	545,421	0,001	352,289	0,001	231,032	0,001	149,643	0,001	85,9879	0,07851	52,048	0,35421	27,0764	0,67964	13,3476	0,71564	4,03805	0,74754	3
12.12.2018	477,747	0,001	346,885	0,001	219,68	0,001	140,514	0,001	81,8191	0,14386	50,7638	0,40796	27,2614	0,66989	12,6022	0,76911	2,96139	0,88091	4
13.12.2018	477,731	0,001	346,582	0,001	219,122	0,001	139,821	0,001	81,0691	0,15904	50,2995	0,4274	26,7402	0,69737	12,4629	0,7791	2,93279	0,88418	4
14.12.2018	478,08	0,001	346,664	0,001	218,979	0,001	139,431	0,00115	80,5714	0,16966	49,9668	0,44132	26,352	0,71783	12,3873	0,78453	2,93407	0,88404	4
15.12.2018	478,32	0,001	346,616	0,001	218,665	0,001	139,028	0,00134	80,0696	0,18094	49,6516	0,45451	25,9719	0,73787	12,2835	0,79198	2,96845	0,8801	4
16.12.2018	478,686	0,001	346,691	0,001	218,471	0,001	138,691	0,00151	79,599	0,19205	49,6332	0,45528	25,9003	0,74165	12,2325	0,79563	3,01483	0,87477	4
17.12.2018	479,46	0,001	347,156	0,001	218,623	0,001	138,591	0,00156	79,3256	0,1985	49,3488	0,46719	25,5664	0,75925	12,1889	0,79876	3,05173	0,87021	4
18.12.2018	480,785	0,001	348,195	0,001	219,312	0,001	139,094	0,00131	79,6192	0,19157	49,524	0,45985	25,6853	0,75298	12,3359	0,78821	3,0784	0,86692	4
19.12.2018	481,436	0,001	348,571	0,001	219,517	0,001	139,112	0,0013	79,5272	0,19374	49,8535	0,44606	25,9776	0,73757	12,2811	0,79214	3,12465	0,8612	4
20.12.2018	482,381	0,001	349,259	0,001	220,179	0,001	139,597	0,00106	79,8694	0,18566	49,9294	0,44288	25,9879	0,73703	12,1881	0,79882	3,10362	0,8638	4
21.12.2018	482,896	0,001	349,514	0,001	220,311	0,001	139,538	0,00109	79,6694	0,19038	49,9332	0,44273	25,9411	0,7395	11,9928	0,81233	3,18379	0,85389	4
22.12.2018	483,98	0,001	350,355	0,001	220,84	0,001	139,892	0,001	79,8976	0,185	50,1333	0,43435	26,0861	0,73185	12,0923	0,80547	3,18135	0,8542	4
23.12.2018	484,123	0,001	350,291	0,001	220,487	0,001	139,432	0,00114	79,3139	0,19878	49,805	0,44809	25,732	0,75052	11,9221	0,81721	3,17851	0,85455	4
24.12.2018	484,523	0,001	350,308	0,001	220,71	0,001	139,47	0,00113	79,332	0,19835	49,6749	0,45353	25,5458	0,76034	12,0678	0,80716	3,12229	0,86149	4
25.12.2018	484,785	0,001	350,28	0,001	220,238	0,001	138,915	0,0014	78,7463	0,21792	49,2763	0,47022	25,0909	0,78432	11,8251	0,82391	3,09212	0,86522	4
26.12.2018	485,758	0,001	350,993	0,001	220,753	0,001	139,142	0,00129	78,8156	0,21551	49,1703	0,47466	24,9503	0,79173	11,8079	0,82508	3,09033	0,86544	4
27.12.2018	486,106	0,001	350,943	0,001	220,551	0,001	138,777	0,00147	78,4713	0,22748	49,0946	0,47782	24,809	0,79918	11,6206	0,8372	3,10744	0,86333	4
28.12.2018	487,17	0,001	351,735	0,001	221,164	0,001	139,213	0,00125	78,6641	0,22078	49,2185	0,47264	24,9389	0,79234	11,7494	0,82887	3,13293	0,86018	4
29.12.2018	487,677	0,001	351,954	0,001	221,168	0,001	139,014	0,00135	78,3935	0,23018	48,9821	0,48253	24,7001	0,80442	11,5824	0,83967	3,09966	0,86429	4
30.12.2018	488,527	0,001	352,501	0,001	221,522	0,001	139,189	0,00126	78,4519	0,22815	48,9255	0,4849	24,6097	0,8087	11,6005	0,8385	3,10651	0,86344	4
31.12.2018	489,742	0,001	353,436	0,001	222,167	0,001	139,669	0,00103	78,7431	0,21803	49,2591	0,47094	24,8809	0,79539	11,8086	0,82504	3,16659	0,85602	4
1.01.2019	490,283	0,001	353,706	0,001	222,172	0,001	139,44	0,00114	78,3974	0,23005	48,9974	0,48189	24,5632	0,81091	11,576	0,84009	3,16172	0,85662	4

2.01.2019	490,912	0,001	354,044	0,001	222,271	0,001	139,349	0,00119	78,1528	0,23855	48,746	0,49241	24,3164	0,8226	11,3921	0,85183	3,13673	0,85971	4
3.01.2019	491,626	0,001	354,468	0,001	222,377	0,001	139,281	0,00122	78,0016	0,2438	48,6347	0,49707	24,153	0,82996	11,2544	0,86004	3,14224	0,85903	4
4.01.2019	492,385	0,001	354,941	0,001	222,631	0,001	139,403	0,00116	78,0149	0,24334	48,6741	0,49542	24,1956	0,82808	11,2533	0,86011	3,15943	0,8569	4
5.01.2019	492,878	0,001	355,144	0,001	222,474	0,001	139,13	0,00129	77,6097	0,25742	48,4912	0,50308	23,9537	0,83872	11,1141	0,86842	3,19613	0,85237	4
6.01.2019	493,98	0,001	355,956	0,001	222,969	0,001	139,401	0,00116	77,7807	0,25148	48,4903	0,50312	23,8963	0,84125	11,1448	0,86659	3,22981	0,84811	4
7.01.2019	494,939	0,001	356,678	0,001	223,427	0,001	139,699	0,00101	78,0204	0,24315	48,6601	0,49601	24,0232	0,83567	11,2012	0,86322	3,25028	0,84545	4
8.01.2019	496,254	0,001	357,799	0,001	224,268	0,001	140,349	0,001	78,4803	0,22717	48,9956	0,48197	24,2977	0,82349	11,4866	0,84586	3,34833	0,83269	4
9.01.2019	496,685	0,001	358,159	0,001	224,391	0,001	140,354	0,001	78,4521	0,22814	48,6429	0,49673	24,0062	0,83642	11,3045	0,85706	3,33054	0,835	4
10.01.2019	497,044	0,001	358,249	0,001	224,21	0,001	139,996	0,001	78,3166	0,23285	48,5349	0,50125	23,7982	0,84556	11,0789	0,87052	3,26424	0,84363	4
11.01.2019	498,386	0,001	359,293	0,001	225,001	0,001	140,559	0,001	78,6708	0,22055	48,8289	0,48894	24,0001	0,83668	11,23	0,8615	3,2764	0,84205	4
12.01.2019	499,033	0,001	359,701	0,001	225,17	0,001	140,586	0,001	78,5831	0,22359	48,6737	0,49544	23,7759	0,84654	11,0965	0,86947	3,25536	0,84479	4
13.01.2019	499,189	0,001	359,812	0,001	225,036	0,001	140,309	0,001	78,4089	0,22965	48,6382	0,49693	23,6564	0,85165	10,8993	0,88061	3,21191	0,85042	4
14.01.2019	500,384	0,001	361,026	0,001	225,896	0,001	140,914	0,001	78,705	0,21936	48,7863	0,49073	23,8098	0,84505	11,0835	0,87025	3,29736	0,83932	4
15.01.2019	500,749	0,001	361,209	0,001	225,923	0,001	140,777	0,001	78,5488	0,22478	48,6353	0,49705	23,6076	0,85361	10,8708	0,88214	3,26724	0,84324	4
16.01.2019	501,541	0,001	361,961	0,001	226,31	0,001	140,982	0,001	78,7099	0,21919	48,7332	0,49295	23,6844	0,85052	10,9175	0,87964	3,28557	0,84086	4
17.01.2019	502,798	0,001	362,844	0,001	226,929	0,001	141,499	0,001	79,0794	0,20635	49,027	0,48065	23,9099	0,84065	11,1008	0,86921	3,33178	0,83484	4
18.01.2019	503,66	0,001	363,705	0,001	227,516	0,001	141,806	0,001	79,2061	0,20195	49,1247	0,47656	23,9523	0,83878	11,131	0,86742	3,36463	0,83057	4
19.01.2019	504,479	0,001	364,314	0,001	227,908	0,001	142,02	0,001	79,3537	0,19784	49,1563	0,47524	23,9453	0,83909	11,1767	0,86469	3,3599	0,83118	4
20.01.2019	505,179	0,001	364,911	0,001	228,255	0,001	142,209	0,001	79,4189	0,1963	49,2282	0,47223	23,9612	0,83839	11,1608	0,86564	3,37982	0,82859	4
21.01.2019	505,889	0,001	365,53	0,001	228,626	0,001	142,396	0,001	79,5372	0,19351	49,3083	0,46888	23,9902	0,83712	11,1854	0,86417	3,43286	0,82155	4
22.01.2019	506,377	0,001	365,821	0,001	228,721	0,001	142,369	0,001	79,4611	0,1953	49,1859	0,474	23,8436	0,84357	11,0145	0,87437	3,43307	0,82152	4
23.01.2019	507,1	0,001	366,355	0,001	229,003	0,001	142,476	0,001	79,4897	0,19463	49,1889	0,47388	23,8073	0,84516	10,9609	0,87731	3,43832	0,82081	4
24.01.2019	507,776	0,001	366,738	0,001	229,223	0,001	142,54	0,001	79,5418	0,1934	49,2192	0,47261	23,7882	0,846	10,9397	0,87845	3,44793	0,81951	4
25.01.2019	508,704	0,001	367,517	0,001	229,744	0,001	142,913	0,001	79,7119	0,18938	49,3436	0,4674	23,8735	0,84225	11,0323	0,8733	3,4748	0,81587	4
26.01.2019	509,476	0,001	368,171	0,001	230,164	0,001	143,215	0,001	79,903	0,18487	49,4412	0,46332	24,0005	0,83666	11,1529	0,86611	3,53307	0,80797	4
27.01.2019	509,992	0,001	368,612	0,001	230,408	0,001	143,315	0,001	79,975	0,18317	49,4281	0,46387	24,0145	0,83605	11,1662	0,86531	3,5499	0,80569	4
28.01.2019	509,66	0,001	367,864	0,001	229,796	0,001	142,418	0,001	79,4804	0,19485	48,9677	0,48314	23,4781	0,85881	10,6478	0,89412	3,45736	0,81823	4
29.01.2019	510,514	0,001	368,511	0,001	230,147	0,001	142,586	0,001	79,4613	0,1953	49,0329	0,48041	23,4743	0,85897	10,6074	0,89629	3,49618	0,81297	4
30.01.2019	510,984	0,001	368,768	0,001	230,328	0,001	142,575	0,001	79,2697	0,19982	48,8902	0,48638	23,262	0,86751	10,4755	0,90311	3,47468	0,81588	4
31.01.2019	511,907	0,001	369,449	0,001	230,69	0,001	142,762	0,001	79,2492	0,20045	48,842	0,4884	23,2453	0,86817	10,4365	0,90504	3,44833	0,81945	4
1.02.2019	512,743	0,001	369,985	0,001	231,21	0,001	143,088	0,001	79,4729	0,19502	48,9878	0,48229	23,4345	0,86057	10,6151	0,89587	3,50911	0,81122	4
2.02.2019	513,83	0,001	370,837	0,001	231,814	0,001	143,518	0,001	79,642	0,19103	49,0757	0,47861	23,5117	0,85746	10,7202	0,89023	3,53168	0,80816	4
3.02.2019	514,499	0,001	371,249	0,001	232,047	0,001	143,567	0,001	79,6604	0,1906	49,0175	0,48105	23,427	0,86087	10,6052	0,89641	3,53117	0,80823	4
4.02.2019	515,763	0,001	372,248	0,001	232,743	0,001	144,092	0,001	80,0086	0,18238	49,3234	0,46825	23,7021	0,84979	10,8467	0,88344	3,61823	0,7969	4
5.02.2019	517,198	0,001	373,41	0,001	233,627	0,001	144,812	0,001	80,564	0,16982	49,7409	0,45077	24,0797	0,83318	11,2356	0,86117	3,67052	0,79076	4
6.02.2019	518,277	0,001	374,234	0,001	234,174	0,001	145,171	0,001	80,796	0,16487	49,901	0,44407	24,2749	0,82456	11,3965	0,85156	3,71012	0,7861	4
7.02.2019	518,931	0,001	374,598	0,001	234,225	0,001	145,028	0,001	80,632	0,16836	49,9463	0,44218	24,1758	0,82895	11,2297	0,86152	3,73907	0,7827	4
8.02.2019	520,16	0,001	375,55	0,001	234,911	0,001	145,596	0,001	80,9524	0,16153	50,1585	0,4333	24,218	0,8271	11,4221	0,85003	3,82431	0,77267	4
9.02.2019	521,383	0,001	376,491	0,001	235,551	0,001	146,061	0,001	81,3232	0,15362	50,4558	0,42085	24,4332	0,81707	11,6158	0,83751	3,86239	0,76819	4
10.02.2019	522,587	0,001	377,418	0,001	236,042	0,001	146,385	0,001	81,5216	0,14946	50,5776	0,41575	24,5882	0,80972	11,851	0,82212	3,88345	0,76572	4

11.02.2019	524,122	0,001	378,611	0,001	236,922	0,001	147,062	0,001	82,0697	0,13915	50,946	0,40034	25,0541	0,78626	12,1866	0,79893	3,90268	0,76346	4
12.02.2019	524,917	0,001	379,178	0,001	237,212	0,001	147,179	0,001	82,0228	0,14003	50,8792	0,40313	24,7569	0,80173	11,9636	0,81435	3,91002	0,76259	4
13.02.2019	525,508	0,001	379,414	0,001	237,162	0,001	146,942	0,001	81,7247	0,14564	50,7656	0,40789	24,6281	0,80783	11,7616	0,82808	3,90312	0,76341	4
14.02.2019	525,827	0,001	379,837	0,001	237,288	0,001	146,898	0,001	81,5747	0,14846	50,785	0,40707	24,5625	0,81094	11,7159	0,83104	3,90548	0,76313	4
15.02.2019	526,875	0,001	380,656	0,001	237,902	0,001	147,387	0,001	81,8539	0,14321	51,0156	0,39742	24,8662	0,79617	11,9605	0,81456	3,93078	0,76015	4
16.02.2019	526,873	0,001	380,848	0,001	237,816	0,001	147,118	0,001	81,4708	0,15047	50,7157	0,40998	24,7031	0,80428	11,8442	0,82258	3,92901	0,76036	4
17.02.2019	526,967	0,001	380,755	0,001	237,611	0,001	146,734	0,001	80,9531	0,16151	50,5789	0,4157	24,7384	0,80261	11,815	0,8246	3,93457	0,75971	4
18.02.2019	527,549	0,001	381,324	0,001	238,152	0,001	147,08	0,001	81,1865	0,15653	50,6727	0,41177	24,587	0,80978	11,6828	0,83318	3,95602	0,75718	4
19.02.2019	528,56	0,001	381,706	0,001	238,779	0,001	147,639	0,001	81,8442	0,14339	51,1613	0,39132	25,0511	0,78642	12,0943	0,80534	3,98566	0,7537	4
20.02.2019	529,099	0,001	382,202	0,001	239,197	0,001	147,856	0,001	82,1483	0,13767	51,283	0,38623	25,0074	0,78872	12,1289	0,80295	3,99879	0,75216	4
21.02.2019	529,988	0,001	382,893	0,001	239,425	0,001	147,877	0,001	81,9229	0,14191	51,107	0,3936	24,9755	0,7904	12,0114	0,81105	4,00703	0,75119	4
22.02.2019	530,553	0,001	383,207	0,001	239,87	0,001	148,168	0,001	82,1831	0,13702	51,5459	0,37523	25,1891	0,77914	12,1819	0,79926	4,0232	0,74929	4
23.02.2019	530,864	0,001	383,384	0,001	240,451	0,001	148,572	0,001	82,497	0,13111	51,3848	0,38197	24,9281	0,7929	11,9384	0,81609	4,03166	0,74829	4
24.02.2019	531,347	0,001	383,591	0,001	240,346	0,001	148,282	0,001	81,99	0,14065	51,196	0,38987	25,021	0,78801	11,963	0,81439	4,04208	0,74707	4
25.02.2019	531,199	0,001	383,859	0,001	240,249	0,001	148,095	0,001	81,6978	0,14614	51,0148	0,39746	24,8262	0,79828	11,8217	0,82414	4,05591	0,74544	4
26.02.2019	531,404	0,001	384,09	0,001	240,21	0,001	147,83	0,001	81,3109	0,15388	50,6742	0,41171	24,7086	0,80402	11,6648	0,83434	4,06392	0,7445	4
27.02.2019	531,619	0,001	384,017	0,001	240,748	0,001	148,229	0,001	81,5841	0,14828	50,8845	0,40291	24,884	0,79523	11,8211	0,82418	4,07165	0,74359	4
28.02.2019	531,933	0,001	384,131	0,001	241,141	0,001	148,414	0,001	81,7214	0,1457	50,8656	0,4037	25,086	0,78458	12,0414	0,80898	4,07789	0,74286	4
1.03.2019	532,524	0,001	384,364	0,001	241,564	0,001	148,656	0,001	82,1833	0,13701	51,1701	0,39096	25,5614	0,75951	12,5211	0,77493	4,0839	0,74215	4
2.03.2019	533,398	0,001	385,016	0,001	242,088	0,001	149,01	0,001	82,6079	0,12903	51,4435	0,37952	25,7927	0,74732	12,7617	0,75767	4,08937	0,74151	4
3.03.2019	534,83	0,001	386,164	0,001	242,769	0,001	149,533	0,001	82,7811	0,12577	51,5536	0,37491	25,757	0,7492	12,6819	0,76339	4,09612	0,74071	4
4.03.2019	535,728	0,001	386,768	0,001	243,213	0,001	149,81	0,001	83,0484	0,12136	51,9644	0,35771	26,0161	0,73554	12,8694	0,74994	4,09874	0,7404	4
5.03.2019	534,688	0,001	385,173	0,001	242,615	0,001	149,09	0,001	84,4104	0,09951	52,9122	0,31804	26,5127	0,70936	13,3656	0,71435	4,06043	0,74491	4
6.03.2019	535,266	0,001	385,469	0,001	242,925	0,001	149,297	0,001	84,4752	0,09858	52,799	0,32278	26,6073	0,70438	13,4736	0,7066	4,03526	0,74787	4
7.03.2019	536,241	0,001	385,996	0,001	243,265	0,001	149,447	0,001	84,6975	0,09538	52,9069	0,31826	26,7586	0,69639	13,5528	0,70092	3,99789	0,75226	4
8.03.2019	538,169	0,001	388,311	0,001	244,584	0,001	150,53	0,001	85,2016	0,08847	53,486	0,29403	26,7993	0,69425	13,533	0,70235	3,99322	0,75281	4
9.03.2019	539,464	0,001	388,82	0,001	245,03	0,001	150,729	0,001	85,7615	0,08127	54,2494	0,26208	26,8557	0,69128	13,5457	0,70143	3,97363	0,75511	4
10.03.2019	540,094	0,001	389,759	0,001	245,985	0,001	151,742	0,001	86,5382	0,07208	54,8325	0,23767	26,9575	0,68591	13,5809	0,6989	3,9906	0,75312	4
11.03.2019	540,345	0,001	389,554	0,001	246,056	0,001	151,709	0,001	86,3975	0,07368	54,9531	0,23262	27,0852	0,67918	13,6669	0,69274	4,05204	0,74589	4
12.03.2019	540,452	0,001	389,903	0,001	246,757	0,001	152,361	0,001	87,0639	0,06636	55,0156	0,23001	27,0644	0,68028	13,6098	0,69684	4,0309	0,74838	4
13.03.2019	540,876	0,001	390,371	0,001	247,105	0,001	152,577	0,001	86,8979	0,06813	55,0922	0,2268	27,1426	0,67615	13,6786	0,6919	4,05817	0,74517	4
14.03.2019	541,103	0,001	390,542	0,001	247,254	0,001	152,542	0,001	86,7408	0,0698	55,177	0,22325	27,1665	0,67489	13,7111	0,68957	4,06776	0,74405	4
15.03.2019	540,905	0,001	390,76	0,001	247,618	0,001	152,789	0,001	86,9106	0,06799	55,5368	0,20819	27,2055	0,67283	13,7217	0,68881	4,04996	0,74614	4
16.03.2019	541,549	0,001	390,624	0,001	247,477	0,001	152,65	0,001	87,0631	0,06636	55,5285	0,20854	27,0962	0,6786	13,5321	0,70241	4,01175	0,75063	4
17.03.2019	540,809	0,001	390,547	0,001	247,449	0,001	152,541	0,001	86,642	0,07091	55,1218	0,22556	27,1876	0,67378	13,6295	0,69542	4,02724	0,74881	4
18.03.2019	541,627	0,001	391,111	0,001	247,575	0,001	152,606	0,001	86,5624	0,07181	55,1719	0,22347	27,3042	0,66763	13,6617	0,69311	4,04437	0,7468	4
19.03.2019	541,482	0,001	391,345	0,001	248,068	0,001	152,859	0,001	86,7856	0,06933	55,4393	0,21227	27,3101	0,66732	13,6766	0,69204	4,05861	0,74512	4
20.03.2019	541,405	0,001	391,224	0,001	247,941	0,001	152,562	0,001	86,2715	0,07511	55,1525	0,22428	27,373	0,66401	13,8021	0,68304	4,08321	0,74223	4
21.03.2019	539,892	0,001	390,079	0,001	247,131	0,001	151,579	0,001	85,3329	0,08674	54,4287	0,25457	27,503	0,65715	13,9822	0,67012	4,13502	0,73614	4
22.03.2019	540,418	0,001	390,108	0,001	247,363	0,001	151,869	0,001	85,4096	0,08572	54,3509	0,25783	27,4819	0,65826	13,8713	0,67808	4,11889	0,73803	4

23.03.2019	539,4	0,001	389,334	0,001	246,687	0,001	151,358	0,001	84,724	0,09499	53,5367	0,29191	27,4911	0,65778	13,8975	0,67619	4,1065	0,73949	4
24.03.2019	540,452	0,001	389,623	0,001	246,515	0,001	151,031	0,001	84,7093	0,0952	53,1664	0,3074	27,2196	0,67209	13,4072	0,71137	4,06848	0,74396	4
25.03.2019	540,783	0,001	389,854	0,001	247,115	0,001	151,458	0,001	84,5814	0,09705	52,933	0,31717	27,3105	0,6673	13,5467	0,70136	4,0632	0,74458	4
26.03.2019	542,104	0,001	390,95	0,001	247,338	0,001	151,375	0,001	84,2781	0,10159	52,9597	0,31606	27,4961	0,65752	13,6857	0,69139	4,05473	0,74558	4
27.03.2019	543,276	0,001	391,924	0,001	248,614	0,001	152,49	0,001	85,5027	0,08452	54,0898	0,26876	27,5088	0,65684	13,7209	0,68886	4,00212	0,75176	4
28.03.2019	543,894	0,001	392,103	0,001	248,589	0,001	152,423	0,001	85,3388	0,08666	54,1016	0,26826	27,561	0,65409	13,7034	0,69012	3,9855	0,75372	4
29.03.2019	542,754	0,001	390,998	0,001	247,835	0,001	151,467	0,001	84,2648	0,1018	52,9926	0,31468	27,6492	0,64944	13,8256	0,68136	4,0256	0,749	4
30.03.2019	542,947	0,001	390,987	0,001	247,625	0,001	151,155	0,001	83,8487	0,10849	52,4812	0,33608	27,6019	0,65194	13,69	0,69108	4,01153	0,75066	4
31.03.2019	543,375	0,001	391,089	0,001	247,778	0,001	151,158	0,001	83,8607	0,1083	52,448	0,33747	27,5587	0,65421	13,5834	0,69873	3,98739	0,7535	4
1.04.2019	543,852	0,001	391,264	0,001	247,402	0,001	150,521	0,001	83,171	0,11939	52,0746	0,3531	27,5133	0,65661	13,3423	0,71602	3,86386	0,76802	4
2.04.2019	544,828	0,001	392,099	0,001	248,312	0,001	151,183	0,001	84,3657	0,10018	53,1196	0,30936	27,1808	0,67414	13,0039	0,7403	3,70024	0,78726	4
3.04.2019	543,418	0,001	392,473	0,001	248,916	0,001	151,622	0,001	84,3593	0,10028	53,1272	0,30904	27,5045	0,65707	13,341	0,71612	3,67593	0,79012	4
4.04.2019	544,884	0,001	393,251	0,001	249,328	0,001	152,092	0,001	84,8634	0,09307	53,6149	0,28863	27,4074	0,66219	13,0998	0,73342	3,6182	0,79691	4
5.04.2019	544,291	0,001	393,315	0,001	250,216	0,001	152,834	0,001	85,8378	0,08032	54,4987	0,25164	27,2549	0,67023	12,9531	0,74394	3,51432	0,81051	4
6.04.2019	545,076	0,001	393,656	0,001	250,363	0,001	152,873	0,001	85,6093	0,08318	54,189	0,2646	27,386	0,66332	13,0902	0,7341	3,55027	0,80564	4
7.04.2019	544,378	0,001	392,701	0,001	250,095	0,001	152,44	0,001	85,1902	0,08862	53,6995	0,28509	27,4821	0,65825	13,1524	0,72964	3,59979	0,79907	4
8.04.2019	542,536	0,001	390,583	0,001	248,837	0,001	151,153	0,001	84,3979	0,0997	52,8472	0,32076	27,8898	0,63676	13,5995	0,69757	3,71234	0,78584	4
9.04.2019	543,215	0,001	391,01	0,001	249,154	0,001	151,262	0,001	83,9757	0,10645	52,3784	0,34038	27,9552	0,63331	13,6115	0,69671	3,74599	0,78188	4
10.04.2019	541,688	0,001	389,195	0,001	249,095	0,001	151,121	0,001	83,9245	0,10727	52,25	0,34576	28,0805	0,6267	13,8817	0,67733	3,83435	0,77149	4
11.04.2019	540,288	0,001	387,817	0,001	247,463	0,001	149,301	0,001	82,3765	0,13338	50,6718	0,41181	28,2732	0,61655	14,0108	0,66807	3,9471	0,75823	4
12.04.2019	541,035	0,001	388,266	0,001	248,415	0,001	150,043	0,001	82,4664	0,13169	50,7039	0,41047	28,1658	0,6222	13,8325	0,68086	3,89226	0,76468	4
13.04.2019	541,424	0,001	388,509	0,001	248,26	0,001	149,708	0,001	82,0065	0,14034	50,1841	0,43223	28,1244	0,62439	13,7132	0,68942	3,83572	0,77133	4
14.04.2019	542,096	0,001	389,029	0,001	248,644	0,001	149,932	0,001	82,0365	0,13977	50,1753	0,43259	27,9651	0,63279	13,5724	0,69952	3,75968	0,78027	4
15.04.2019	542,716	0,001	389,11	0,001	248,62	0,001	149,78	0,001	81,7755	0,14468	49,8595	0,44581	28,0334	0,62919	13,5199	0,70328	3,73753	0,78288	4
16.04.2019	543,511	0,001	389,9	0,001	249,249	0,001	150,248	0,001	82,1289	0,13804	50,1576	0,43333	27,9806	0,63197	13,4358	0,70931	3,678	0,78988	4
17.04.2019	544,192	0,001	390,279	0,001	249,418	0,001	150,244	0,001	82,0026	0,14041	49,9691	0,44122	28,0823	0,62661	13,4886	0,70552	3,69036	0,78842	4
18.04.2019	544,114	0,001	391,064	0,001	249,533	0,001	150,194	0,001	82,7235	0,12685	50,6616	0,41224	27,3456	0,66545	12,6936	0,76256	3,49741	0,8128	4
19.04.2019	543,92	0,001	391,469	0,001	249,472	0,001	150,02	0,001	83,5082	0,11397	51,5415	0,37541	26,399	0,71536	11,6874	0,83288	3,21803	0,84964	4
20.04.2019	544,841	0,001	392,619	0,001	250,172	0,001	150,461	0,001	83,4222	0,11535	51,5199	0,37632	26,242	0,72363	11,5067	0,84456	3,13139	0,86037	4
21.04.2019	546,853	0,001	393,633	0,001	250,877	0,001	150,995	0,001	83,6418	0,11182	51,5526	0,37495	26,5375	0,70806	11,7759	0,82715	3,17819	0,85459	4
22.04.2019	548,56	0,001	395,157	0,001	252,033	0,001	151,91	0,001	84,5153	0,098	52,3712	0,34069	26,7422	0,69726	11,9604	0,81457	3,15194	0,85783	4
23.04.2019	548,698	0,001	395,045	0,001	251,952	0,001	151,627	0,001	83,9952	0,10614	51,7393	0,36713	27,2886	0,66845	12,4827	0,77769	3,31288	0,8373	4
24.04.2019	548,215	0,001	394,215	0,001	250,975	0,001	150,436	0,001	82,5683	0,12977	50,4689	0,4203	26,947	0,68647	12,1182	0,80369	3,30352	0,83852	4
25.04.2019	546,625	0,001	392,534	0,001	249,647	0,001	148,926	0,001	81,0633	0,15916	48,8677	0,48732	27,256	0,67017	12,403	0,7834	3,36227	0,83087	4
26.04.2019	546,949	0,001	392,577	0,001	249,347	0,001	148,446	0,001	80,4317	0,17264	48,2788	0,51197	27,0163	0,68281	12,1657	0,80041	3,29179	0,84005	4
27.04.2019	546,273	0,001	391,555	0,001	248,483	0,001	147,41	0,001	79,2836	0,19949	47,1913	0,55749	27,2305	0,67152	12,4083	0,78302	3,37464	0,82926	4
28.04.2019	546,557	0,001	392,258	0,001	248,673	0,001	147,431	0,001	79,2289	0,20115	47,1141	0,56071	27,0668	0,68015	12,1693	0,80016	3,34455	0,83318	4
29.04.2019	546,205	0,001	391,524	0,001	248,108	0,001	146,686	0,001	78,3294	0,23241	46,0421	0,60558	27,4273	0,66114	12,599	0,76934	3,49114	0,81365	4
30.04.2019	547,081	0,001	392,118	0,001	248,312	0,001	146,721	0,001	78,2718	0,23441	45,8936	0,6118	27,3755	0,66387	12,5629	0,77193	3,40455	0,82537	4
1.05.2019	547,547	0,001	392,328	0,001	248,48	0,001	146,716	0,001	78,1302	0,23933	45,6937	0,62016	27,4888	0,6579	12,6261	0,7674	3,45096	0,8191	4

2.05.2019	548,291	0,001	392,926	0,001	248,76	0,001	146,853	0,001	78,4879	0,2269	46,0053	0,60712	26,9577	0,6859	11,9534	0,81505	3,27544	0,84217	4
3.05.2019	548,846	0,001	393,24	0,001	249,03	0,001	146,978	0,001	78,4629	0,22777	46,0224	0,60641	27,0472	0,68118	12,0232	0,81024	3,24539	0,84608	4
4.05.2019	549,215	0,001	393,349	0,001	248,806	0,001	146,828	0,001	77,8395	0,24943	45,3018	0,63657	27,3205	0,66677	12,2765	0,79247	3,33507	0,83441	4
5.05.2019	550,161	0,001	394,05	0,001	249,346	0,001	147,226	0,001	78,1695	0,23797	45,5764	0,62507	27,3006	0,66782	12,2092	0,7973	3,32829	0,8353	4
6.05.2019	550,388	0,001	394,162	0,001	249,245	0,001	146,937	0,001	77,5599	0,25915	44,8707	0,65461	27,5807	0,65306	12,4608	0,77926	3,37241	0,82955	4
7.05.2019	549,493	0,001	392,982	0,001	248,013	0,001	145,605	0,001	76,3643	0,30069	43,5135	0,71141	27,8743	0,63758	12,9797	0,74203	3,50105	0,81231	4
8.05.2019	549,583	0,001	392,85	0,001	247,804	0,001	145,236	0,001	75,8184	0,31966	42,8291	0,74006	27,5525	0,65454	13,0002	0,74056	3,50918	0,81121	4
9.05.2019	548,284	0,001	391,113	0,001	246,288	0,001	143,845	0,001	74,7655	0,35625	41,6153	0,79086	26,3638	0,71721	13,689	0,69115	3,74741	0,78171	4
10.05.2019	548,787	0,001	391,326	0,001	246,03	0,001	143,813	0,001	74,2263	0,37498	40,9666	0,81554	25,7339	0,75042	13,2626	0,72174	3,54815	0,80593	4
11.05.2019	549,011	0,001	391,334	0,001	246,263	0,001	144,278	0,001	74,566	0,36318	41,5473	0,79371	26,2916	0,72102	13,2212	0,72471	3,60326	0,79866	4
12.05.2019	548,522	0,001	390,6	0,001	245,48	0,001	143,475	0,001	73,6654	0,39448	40,4018	0,83516	25,1572	0,78083	12,9542	0,74386	3,4695	0,81658	4
13.05.2019	545,432	0,001	388,116	0,001	242,751	0,001	144,216	0,001	74,6026	0,36191	41,6207	0,79063	26,1836	0,72671	12,466	0,77888	3,41325	0,82421	4
14.05.2019	546,426	0,001	388,573	0,001	243,66	0,001	143,987	0,001	74,1774	0,37668	41,1044	0,81056	25,6626	0,75418	12,464	0,77902	3,25191	0,84524	4
15.05.2019	538,411	0,001	384,942	0,001	243,748	0,001	143,409	0,001	75,0344	0,3469	42,3097	0,7618	26,732	0,6978	12,1378	0,80233	3,16191	0,8566	4
16.05.2019	538,288	0,001	387,076	0,001	244,825	0,001	143,041	0,001	74,2546	0,374	42,1696	0,76766	26,6015	0,70468	12,2409	0,79503	3,24906	0,84561	4
17.05.2019	535,101	0,001	383,945	0,001	245,726	0,001	144,15	0,001	74,9225	0,35079	42,5469	0,75187	27,0115	0,68306	12,3329	0,78843	3,20789	0,85092	4
18.05.2019	535,332	0,001	384,498	0,001	247,882	0,001	146,16	0,001	77,8326	0,24967	44,0219	0,69014	26,6622	0,70148	11,6244	0,83695	3,00277	0,87617	4
19.05.2019	534,608	0,001	383,802	0,001	247,503	0,001	146,412	0,001	78,0914	0,24068	44,5243	0,66911	26,9627	0,68564	11,741	0,82941	3,03521	0,87225	4
20.05.2019	533,73	0,001	381,989	0,001	246,216	0,001	145,908	0,001	77,4437	0,26319	44,0363	0,68953	26,505	0,70977	11,5286	0,84315	2,94958	0,88226	4
21.05.2019	533,506	0,001	381,691	0,001	246,047	0,001	145,91	0,001	78,8008	0,21603	45,7969	0,61584	26,2336	0,72407	11,037	0,87302	2,87603	0,89068	4
22.05.2019	535,373	0,001	383,264	0,001	247,559	0,001	147,035	0,001	79,2554	0,20023	45,8078	0,61539	26,2904	0,72108	11,1191	0,86812	2,80286	0,89905	4
23.05.2019	534,745	0,001	382,176	0,001	246,893	0,001	147,413	0,001	79,3865	0,19706	45,6924	0,62022	26,4213	0,71418	11,2565	0,85992	2,81566	0,89759	4
24.05.2019	538,855	0,001	385,869	0,001	249,67	0,001	149,021	0,001	81,9993	0,14047	47,7846	0,53265	26,5064	0,70969	11,2066	0,8629	2,73319	0,9066	4
25.05.2019	540,755	0,001	387,512	0,001	251,582	0,001	151,145	0,001	84,6263	0,0964	48,6077	0,4982	26,3007	0,72054	11,0049	0,87494	2,73021	0,90691	4
26.05.2019	538,863	0,001	385,52	0,001	249,49	0,001	149,803	0,001	82,6436	0,12836	47,6142	0,53978	26,866	0,69074	11,5471	0,84195	2,73276	0,90664	4
27.05.2019	539,579	0,001	386,061	0,001	249,806	0,001	150,142	0,001	83,1019	0,1205	48,2922	0,51141	27,7366	0,64483	12,393	0,78412	2,73479	0,90643	4
28.05.2019	540,254	0,001	386,363	0,001	249,721	0,001	150,27	0,001	83,2649	0,11788	48,1291	0,51823	27,867	0,63796	12,5075	0,7759	2,75115	0,90469	4
29.05.2019	540,622	0,001	386,535	0,001	249,653	0,001	149,508	0,001	82,4126	0,1327	48,5842	0,49919	27,5921	0,65245	12,239	0,79516	2,74797	0,90503	4
30.05.2019	539,285	0,001	384,806	0,001	247,701	0,001	147,639	0,001	80,5592	0,16992	46,2527	0,59677	27,6444	0,64969	12,2066	0,79749	2,76137	0,90359	4
31.05.2019	538,401	0,001	384,262	0,001	246,925	0,001	147,906	0,001	80,5343	0,17045	46,395	0,59081	28,0513	0,62824	12,6755	0,76385	2,76993	0,90266	4
1.06.2019	539,872	0,001	385,191	0,001	247,726	0,001	147,514	0,001	80,1618	0,17876	46,2479	0,59697	27,873	0,63764	12,4187	0,78227	2,74923	0,9049	4
2.06.2019	538,131	0,001	383,594	0,001	246,018	0,001	145,907	0,001	78,4712	0,22748	45,4147	0,63184	27,7487	0,6442	12,2821	0,79207	2,75501	0,90428	4
3.06.2019	536,364	0,001	381,397	0,001	243,55	0,001	142,832	0,001	75,6983	0,32384	43,3609	0,7178	27,305	0,66759	12,1045	0,80463	2,8064	0,89865	4
4.06.2019	535,691	0,001	380,874	0,001	242,843	0,001	142,335	0,001	75,4479	0,33254	42,3091	0,76182	26,6794	0,70057	12,3132	0,78984	2,86139	0,89235	4
5.06.2019	537,639	0,001	382,939	0,001	244,815	0,001	143,924	0,001	76,3613	0,3008	43,2594	0,72205	27,0809	0,6794	12,0552	0,80803	2,84101	0,89469	4
6.06.2019	538,907	0,001	383,971	0,001	245,439	0,001	144,233	0,001	76,5605	0,29387	43,2255	0,72347	26,7045	0,69925	11,9946	0,81221	2,81145	0,89807	4
7.06.2019	538,952	0,001	383,773	0,001	244,953	0,001	143,937	0,001	76,3787	0,30019	43,2032	0,7244	26,7019	0,69938	12,0185	0,81056	2,82927	0,89603	4
8.06.2019	539,61	0,001	384,324	0,001	245,5	0,001	144,038	0,001	76,3248	0,30206	43,4551	0,71386	26,5105	0,70948	11,8765	0,82035	2,82754	0,89623	4
9.06.2019	540,211	0,001	384,607	0,001	245,615	0,001	144,262	0,001	76,4591	0,2974	43,2809	0,72115	26,7094	0,69899	12,0987	0,80503	2,87129	0,89122	4
10.06.2019	541,775	0,001	385,882	0,001	247,123	0,001	145,45	0,001	77,366	0,26588	44,1634	0,68421	26,6037	0,70456	11,9488	0,81537	2,82919	0,89604	4

11.06.2019	542,17	0,001	386,059	0,001	247,683	0,001	145,952	0,001	77,7886	0,2512	44,4077	0,67399	26,5803	0,7058	11,9554	0,81491	2,81233	0,89797	4
12.06.2019	544,542	0,001	388,151	0,001	248,893	0,001	146,993	0,001	78,5361	0,22523	45,2015	0,64077	26,4171	0,7144	11,3824	0,85241	2,78863	0,90065	4
13.06.2019	545,578	0,001	388,952	0,001	249,6	0,001	147,494	0,001	79,0367	0,20783	45,6127	0,62355	26,5969	0,70492	11,3389	0,855	2,79311	0,90016	4
14.06.2019	544,786	0,001	387,869	0,001	248,322	0,001	145,874	0,001	77,9526	0,2455	44,5314	0,66881	26,8381	0,69221	11,6836	0,83312	2,8339	0,8955	4
15.06.2019	545,569	0,001	388,345	0,001	248,753	0,001	146,144	0,001	77,6895	0,25465	44,5599	0,66762	27,0794	0,67949	11,9966	0,81207	2,83845	0,89498	4
16.06.2019	545,583	0,001	388,127	0,001	248,316	0,001	145,848	0,001	77,3727	0,26565	44,504	0,66996	27,3649	0,66443	12,2123	0,79708	2,85869	0,89266	4
17.06.2019	548,116	0,001	390,253	0,001	249,755	0,001	147,083	0,001	77,9045	0,24718	44,8863	0,65396	27,0769	0,67962	11,6434	0,83572	2,83553	0,89531	4
18.06.2019	549,438	0,001	391,347	0,001	250,644	0,001	147,356	0,001	78,0703	0,24141	44,9674	0,65056	27,0174	0,68275	11,5089	0,84442	2,83603	0,89526	4
19.06.2019	549,685	0,001	391,292	0,001	250,459	0,001	147,786	0,001	78,3207	0,23271	45,1315	0,64369	26,951	0,68625	11,3355	0,8552	2,84414	0,89433	4
20.06.2019	551,01	0,001	392,381	0,001	251,247	0,001	148,783	0,001	79,0793	0,20635	45,8193	0,61491	26,9504	0,68628	11,234	0,86127	2,88386	0,88978	4
21.06.2019	550,333	0,001	391,469	0,001	250,939	0,001	149,672	0,001	79,9454	0,18387	46,6259	0,58115	26,9035	0,68875	11,1481	0,86639	2,96019	0,88104	4
22.06.2019	548,861	0,001	389,446	0,001	248,667	0,001	148,888	0,001	79,1427	0,20415	45,7842	0,61638	27,2459	0,67071	11,4596	0,84761	2,96307	0,88072	4
23.06.2019	547,322	0,001	387,634	0,001	247,009	0,001	148,161	0,001	78,4623	0,22779	44,9959	0,64937	27,1891	0,6737	11,4118	0,85065	2,96139	0,88091	4
24.06.2019	547,77	0,001	387,817	0,001	246,784	0,001	148,92	0,001	79,0832	0,20622	45,3739	0,63355	27,2217	0,67198	11,5208	0,84365	3,01405	0,87487	4
25.06.2019	544,789	0,001	384,587	0,001	243,001	0,001	147,357	0,001	77,8475	0,24915	43,6614	0,70522	26,4377	0,71331	11,5347	0,84275	3,04108	0,87153	4
26.06.2019	537,195	0,001	376,813	0,001	235,288	0,001	141,588	0,001	72,8096	0,42421	41,205	0,80693	24,7332	0,80286	10,4495	0,9044	2,88495	0,88966	4
27.06.2019	539,938	0,001	379,056	0,001	238,78	0,001	143,76	0,001	74,6151	0,36147	41,016	0,81376	23,9256	0,83996	10,6459	0,89422	2,98767	0,8779	4
28.06.2019	535,132	0,001	374,569	0,001	233,437	0,001	142,513	0,001	73,5763	0,39757	40,6332	0,8274	23,7084	0,84951	10,2928	0,91189	2,85707	0,89285	4
29.06.2019	543,824	0,001	383,2	0,001	242,546	0,001	141,877	0,001	72,1459	0,44728	40,8731	0,81892	24,5867	0,80979	10,8053	0,88566	3,06617	0,86843	4
30.06.2019	534,611	0,001	374,149	0,001	235,645	0,001	140,045	0,001	70,5601	0,50238	38,834	0,88332	22,5449	0,89403	10,2753	0,91271	2,83306	0,8956	4
1.07.2019	536,777	0,001	376,057	0,001	237,941	0,001	140,925	0,001	71,1103	0,48326	39,2744	0,87093	23,0316	0,87658	10,5107	0,90136	2,87984	0,89024	4
2.07.2019	537,093	0,001	376,189	0,001	237,129	0,001	142,466	0,001	72,6201	0,4308	38,9818	0,87932	22,6454	0,89042	10,5135	0,90122	2,87833	0,89042	4
3.07.2019	659,494	0,001	386,899	0,001	228,053	0,001	143,275	0,001	79,6551	0,19072	38,7099	0,88668	21,8267	0,91737	10,3896	0,9073	3,0046	0,87596	3
4.07.2019	534,079	0,001	372,901	0,001	234,4	0,001	141,467	0,001	71,007	0,48685	38,8539	0,88278	22,4605	0,89706	10,1615	0,91791	2,87	0,89137	4
5.07.2019	660,496	0,001	386,679	0,001	227,435	0,001	142,682	0,001	80,1218	0,1797	38,8539	0,88278	22,0104	0,91182	10,4326	0,90523	3,01457	0,87481	3
6.07.2019	533,592	0,001	371,895	0,001	233,553	0,001	141,324	0,001	70,9651	0,48831	38,503	0,89228	22,0604	0,91028	10,1348	0,91911	2,88898	0,8892	4
7.07.2019	530,866	0,001	368,91	0,001	232,045	0,001	142,558	0,001	72,026	0,45144	38,6379	0,88863	22,2053	0,90568	10,1997	0,91619	2,96034	0,88103	4
8.07.2019	529,296	0,001	367,09	0,001	229,107	0,001	142,322	0,001	71,989	0,45273	38,4572	0,89352	22,0064	0,91194	10,0658	0,92214	2,95112	0,88208	4
9.07.2019	527,759	0,001	365,445	0,001	227,41	0,001	140,838	0,001	70,8165	0,49347	37,6992	0,91249	21,2232	0,93403	9,81228	0,93271	2,92043	0,8856	4
10.07.2019	526,235	0,001	363,647	0,001	226,291	0,001	139,733	0,001	69,7751	0,52965	37,2349	0,9228	20,7341	0,94577	9,48489	0,94504	2,84557	0,89417	4
11.07.2019	528,031	0,001	365,216	0,001	227,633	0,001	140,152	0,001	70,264	0,51267	36,8433	0,93081	20,3164	0,9546	9,45078	0,94621	2,83863	0,89496	4
12.07.2019	526,049	0,001	362,981	0,001	227,018	0,001	140,45	0,001	70,1648	0,51611	37,8475	0,90903	21,2952	0,93216	9,56071	0,94231	2,8535	0,89326	4
13.07.2019	523,82	0,001	360,44	0,001	227,098	0,001	138,827	0,00144	68,1666	0,58555	37,6712	0,91314	21,1118	0,93683	9,41367	0,94747	2,83956	0,89485	4
14.07.2019	656,838	0,001	379,098	0,001	219,709	0,001	141,252	0,001	77,9791	0,24458	37,724	0,91192	20,9791	0,94011	9,92931	0,92794	3,0979	0,86451	3
15.07.2019	658,97	0,001	380,729	0,001	219,743	0,001	140,838	0,001	76,5782	0,29326	38,2307	0,89965	20,9783	0,94013	9,90221	0,92907	3,29669	0,83941	3
16.07.2019	525,813	0,001	361,62	0,001	227,392	0,001	138,511	0,0016	68,4411	0,57601	36,4187	0,93883	19,7389	0,96509	9,41389	0,94746	2,97624	0,87921	4
17.07.2019	525,781	0,001	361,227	0,001	226,783	0,001	140,199	0,001	69,8448	0,52723	36,9882	0,92791	20,2907	0,95512	9,52745	0,94351	2,89669	0,88831	4
18.07.2019	664,141	0,001	383,288	0,001	222,231	0,001	142,718	0,001	78,0129	0,24341	38,4908	0,89261	21,0619	0,93807	9,9834	0,92568	3,15685	0,85722	3
19.07.2019	663,25	0,001	381,983	0,001	221,268	0,001	141,941	0,001	77,4403	0,26331	38,0995	0,90293	20,9419	0,94098	9,89108	0,92954	3,14388	0,85883	3
20.07.2019	662,869	0,001	381,312	0,001	220,09	0,001	140,574	0,001	77,5526	0,2594	38,6249	0,88898	21,3132	0,93169	9,91591	0,9285	3,14771	0,85835	3

21.07.2019	663,473	0,001	381,339	0,001	220,16	0,001	140,335	0,001	77,1179	0,27451	38,7625	0,88525	21,3734	0,93012	10,0038	0,92482	3,15817	0,85706	3
22.07.2019	663,089	0,001	380,533	0,001	219,653	0,001	139,881	0,001	76,8911	0,28239	38,8566	0,88271	21,3967	0,9295	9,94959	0,9271	3,17498	0,85498	3
23.07.2019	664,396	0,001	381,354	0,001	220,193	0,001	140,378	0,001	77,1493	0,27341	38,9419	0,8804	21,4246	0,92874	10,0718	0,92188	3,20399	0,8514	3
24.07.2019	665,54	0,001	382,078	0,001	220,64	0,001	140,871	0,001	77,6695	0,25534	39,1337	0,87521	21,5405	0,92558	10,2883	0,9121	3,2223	0,84909	3
25.07.2019	523,243	0,001	357,224	0,001	225,492	0,001	141,002	0,001	69,6787	0,53301	37,8725	0,90843	20,8716	0,94261	9,80441	0,93302	2,90538	0,88732	4
26.07.2019	523,541	0,001	357,269	0,001	225,678	0,001	140,96	0,001	69,4692	0,54029	37,8929	0,90794	20,8451	0,94323	9,80048	0,93318	2,91138	0,88663	4
27.07.2019	524,245	0,001	357,786	0,001	226,023	0,001	140,988	0,001	69,4026	0,5426	37,6561	0,91349	20,6025	0,94865	9,64371	0,93927	2,9248	0,8851	4
28.07.2019	525,042	0,001	358,304	0,001	226,296	0,001	141,144	0,001	69,4572	0,5407	37,6229	0,91425	20,518	0,95047	9,56557	0,94213	2,93097	0,88439	4
29.07.2019	525,967	0,001	359,03	0,001	226,786	0,001	141,279	0,001	69,4819	0,53984	37,5053	0,9169	20,3754	0,95339	9,53293	0,94331	2,93966	0,8834	4
30.07.2019	526,307	0,001	359,107	0,001	226,591	0,001	141,486	0,001	69,5767	0,53655	37,3831	0,91963	20,282	0,95528	9,482	0,94514	2,94526	0,88275	4
31.07.2019	527,167	0,001	359,748	0,001	226,906	0,001	141,79	0,001	69,7705	0,52981	37,5102	0,91679	20,3968	0,95295	9,53616	0,94319	2,93845	0,88353	4
1.08.2019	527,121	0,001	359,487	0,001	226,457	0,001	141,91	0,001	69,7962	0,52892	37,5733	0,91539	20,6023	0,94866	9,50809	0,94421	2,93852	0,88353	4
2.08.2019	527,238	0,001	359,348	0,001	226,157	0,001	141,804	0,001	69,5398	0,53783	37,1824	0,92391	20,3186	0,95456	9,32509	0,95046	2,94653	0,88261	4
3.08.2019	527,039	0,001	358,903	0,001	225,518	0,001	141,711	0,001	69,3583	0,54414	36,9293	0,92911	20,1903	0,95702	9,28239	0,95183	2,95236	0,88194	4
4.08.2019	526,753	0,001	358,342	0,001	224,721	0,001	141,553	0,001	69,1704	0,55067	36,5851	0,93577	20,0902	0,95891	9,24043	0,95317	2,95553	0,88158	4
5.08.2019	526,623	0,001	358,104	0,001	224,203	0,001	141,598	0,001	69,1493	0,5514	36,549	0,93644	20,0102	0,96039	9,16149	0,95564	2,9665	0,88032	4
6.08.2019	526,772	0,001	357,963	0,001	223,949	0,001	141,569	0,001	68,9921	0,55687	36,1928	0,94281	19,8568	0,96305	9,04977	0,95895	2,9629	0,88073	4
7.08.2019	524,509	0,001	355,518	0,001	221,28	0,001	141,484	0,001	68,8383	0,56221	36,3182	0,94064	20,2111	0,95663	9,03727	0,95933	2,96716	0,88025	4
8.08.2019	524,361	0,001	355,104	0,001	221,191	0,001	141,512	0,001	68,651	0,56872	36,5802	0,93586	20,6124	0,94844	9,1649	0,95554	2,97845	0,87896	4
9.08.2019	523,484	0,001	353,969	0,001	219,582	0,001	140,761	0,001	67,8772	0,59561	36,3714	0,9397	20,2998	0,95494	8,96717	0,96129	2,97393	0,87947	4
10.08.2019	524,397	0,001	354,486	0,001	220,358	0,001	141,598	0,001	68,4782	0,57472	36,4409	0,93843	20,331	0,9543	9,1789	0,95513	2,97846	0,87895	4
11.08.2019	524,574	0,001	354,681	0,001	220,354	0,001	141,876	0,001	68,6446	0,56894	36,7751	0,93213	20,5952	0,94882	9,34552	0,9498	2,98132	0,87863	4
12.08.2019	523,203	0,001	353,084	0,001	219,469	0,001	141,1	0,001	67,778	0,59905	36,8499	0,93069	20,5985	0,94874	9,32293	0,95053	2,9856	0,87814	4
13.08.2019	522,702	0,001	352,528	0,001	219,531	0,001	140,252	0,001	66,9172	0,62896	36,8845	0,93001	20,4924	0,951	9,30328	0,95116	2,99936	0,87656	4
14.08.2019	524,639	0,001	354,235	0,001	221,191	0,001	141,345	0,001	67,7261	0,60086	36,5549	0,93633	20,1372	0,95802	9,2744	0,95208	3,02275	0,8738	4
15.08.2019	524,577	0,001	354,316	0,001	221,153	0,001	141,739	0,001	68,0407	0,58992	36,9271	0,92915	20,4748	0,95136	9,3477	0,94972	3,02322	0,87374	4
16.08.2019	525,088	0,001	354,738	0,001	221,182	0,001	141,626	0,001	67,8303	0,59724	36,8694	0,93031	20,3786	0,95333	9,29862	0,95131	3,04015	0,87164	4
17.08.2019	524,761	0,001	354,136	0,001	220,716	0,001	141,775	0,001	67,8932	0,59505	36,7054	0,93348	20,2357	0,95616	9,17523	0,95524	3,05125	0,87027	4
18.08.2019	525,621	0,001	354,754	0,001	221,049	0,001	142,192	0,001	68,2229	0,58359	36,6782	0,93401	20,2339	0,95619	9,17704	0,95518	3,04376	0,8712	4
19.08.2019	525,471	0,001	354,36	0,001	220,673	0,001	142,008	0,001	67,9248	0,59395	36,6333	0,93488	20,2925	0,95508	9,12002	0,95687	3,04794	0,87068	4
20.08.2019	526,004	0,001	354,651	0,001	220,94	0,001	141,703	0,001	67,4887	0,6091	36,6383	0,93478	20,1311	0,95814	9,07609	0,95817	3,05875	0,86935	4
21.08.2019	526,636	0,001	355,016	0,001	221,496	0,001	142,05	0,001	67,8481	0,59662	36,5939	0,93561	20,0156	0,9603	9,08898	0,95779	3,06621	0,86842	4
22.08.2019	527,194	0,001	355,358	0,001	221,586	0,001	142,309	0,001	68,1097	0,58753	36,6319	0,93491	20,0299	0,96005	9,12156	0,95683	3,06891	0,86809	4
23.08.2019	527,794	0,001	355,806	0,001	222,127	0,001	142,36	0,001	67,9451	0,59325	36,7165	0,93327	19,9994	0,96058	9,12406	0,95675	3,07411	0,86745	4
24.08.2019	527,884	0,001	355,682	0,001	222,123	0,001	142,387	0,001	67,9226	0,59403	36,5277	0,93683	19,7969	0,96409	9,03618	0,95936	3,0869	0,86587	4
25.08.2019	528,922	0,001	356,474	0,001	222,665	0,001	142,873	0,001	68,1931	0,58463	36,5381	0,93664	19,8063	0,96393	9,05684	0,95875	3,09498	0,86487	4
26.08.2019	529,865	0,001	357,199	0,001	223,037	0,001	142,947	0,001	68,1936	0,58461	36,5986	0,93553	19,7931	0,96416	9,02499	0,95969	3,10114	0,86411	4
27.08.2019	530,094	0,001	357,205	0,001	223,109	0,001	142,819	0,001	68,0797	0,58857	36,6485	0,93459	19,6946	0,96578	8,98501	0,9608	3,11152	0,86282	4
28.08.2019	531,345	0,001	358,275	0,001	223,959	0,001	143,158	0,001	68,1705	0,58541	36,465	0,93798	19,3624	0,97085	8,90161	0,96307	3,13769	0,85959	4
29.08.2019	532,237	0,001	359,082	0,001	224,513	0,001	143,366	0,001	68,2697	0,58196	36,245	0,94191	19,0135	0,97557	8,8142	0,96541	3,15732	0,85717	4

30.08.2019	532,456	0,001	359,245	0,001	224,622	0,001	143,576	0,001	68,4151	0,57691	36,3697	0,93974	19,1138	0,97428	8,83977	0,96475	3,16074	0,85674	4
31.08.2019	532,924	0,001	359,679	0,001	224,881	0,001	143,625	0,001	68,3267	0,57999	36,1042	0,94434	18,783	0,97829	8,68911	0,9685	3,17213	0,85534	4
1.09.2019	533,074	0,001	359,556	0,001	224,538	0,001	143,612	0,001	68,2068	0,58415	35,863	0,94829	18,7205	0,97903	8,57762	0,97111	3,17549	0,85492	4
2.09.2019	533,037	0,001	359,357	0,001	224,039	0,001	143,559	0,001	68,0479	0,58967	35,7092	0,95073	18,8572	0,97742	8,49137	0,97301	3,18504	0,85374	4
3.09.2019	533,574	0,001	359,609	0,001	224,084	0,001	143,569	0,001	67,9171	0,59422	35,5374	0,95332	18,6596	0,97975	8,40084	0,97499	3,18446	0,85381	4
4.09.2019	533,78	0,001	359,548	0,001	223,856	0,001	143,428	0,001	67,6696	0,60282	35,1957	0,95821	18,3917	0,98241	8,25463	0,97778	3,16389	0,85635	4
5.09.2019	533,497	0,001	359,178	0,001	223,377	0,001	143,593	0,001	67,8489	0,59659	35,4952	0,95395	18,7496	0,97869	8,37616	0,97547	3,17853	0,85454	4
6.09.2019	534,088	0,001	359,62	0,001	223,795	0,001	143,833	0,001	67,949	0,59311	35,4257	0,955	18,6436	0,97994	8,40894	0,97482	3,18685	0,85352	4
7.09.2019	533,686	0,001	359,097	0,001	223,204	0,001	143,795	0,001	67,9145	0,59431	35,4247	0,95501	18,5597	0,98077	8,39935	0,97502	3,19361	0,85268	4
8.09.2019	534,03	0,001	359,475	0,001	223,499	0,001	143,873	0,001	67,9566	0,59284	35,4469	0,95468	18,4399	0,98194	8,43527	0,97424	3,20208	0,85163	4
9.09.2019	533,494	0,001	359,121	0,001	223,228	0,001	143,829	0,001	67,8412	0,59686	35,4455	0,9547	18,3306	0,98301	8,42731	0,97441	3,19591	0,8524	4
10.09.2019	534,278	0,001	359,799	0,001	223,854	0,001	144,101	0,001	68,0588	0,58929	35,4989	0,9539	18,2773	0,98353	8,4153	0,97468	3,20606	0,85114	4
11.09.2019	535,082	0,001	360,622	0,001	224,178	0,001	144,561	0,001	68,1606	0,58576	35,2931	0,95685	18,0389	0,98566	8,31412	0,97665	3,19082	0,85303	4
12.09.2019	535,003	0,001	360,741	0,001	224,09	0,001	144,694	0,001	68,1924	0,58465	35,3075	0,95665	18,0433	0,98563	8,23956	0,97807	3,18664	0,85354	4
13.09.2019	534,83	0,001	360,608	0,001	223,812	0,001	144,679	0,001	68,1515	0,58607	35,2305	0,95772	17,9814	0,98609	8,19035	0,979	3,1911	0,85299	4
14.09.2019	534,344	0,001	360,374	0,001	223,484	0,001	144,533	0,001	68,1413	0,58643	35,1783	0,95845	17,8505	0,98708	8,13646	0,98003	3,1873	0,85346	4
15.09.2019	534,741	0,001	361,1	0,001	224,08	0,001	144,762	0,001	68,1517	0,58607	35,1148	0,95933	17,6238	0,98878	8,04971	0,9814	3,1785	0,85455	4
16.09.2019	534,69	0,001	361,446	0,001	224,521	0,001	144,944	0,001	68,2759	0,58175	35,1552	0,95877	17,5559	0,98929	8,00897	0,98205	3,18478	0,85377	4
17.09.2019	534,361	0,001	360,659	0,001	224,189	0,001	144,782	0,001	68,428	0,57647	35,3075	0,95665	17,6635	0,98848	8,00013	0,98219	3,21426	0,85013	4
18.09.2019	534,157	0,001	359,893	0,001	224,444	0,001	145,209	0,001	68,8372	0,56225	35,7497	0,95012	18,1429	0,98484	8,29943	0,97693	3,26873	0,84305	4
19.09.2019	534,698	0,001	360,965	0,001	225,278	0,001	145,654	0,001	69,0054	0,5564	35,827	0,94887	18,1342	0,98493	8,13932	0,97998	3,2292	0,84819	4
20.09.2019	534,758	0,001	361,033	0,001	224,631	0,001	145,602	0,001	69,16	0,55103	35,9594	0,94673	18,086	0,98531	8,13763	0,98001	3,22932	0,84818	4
21.09.2019	534,236	0,001	360,652	0,001	224,46	0,001	145,705	0,001	69,0287	0,55559	35,7756	0,94971	17,9586	0,98626	8,13856	0,97999	3,22466	0,84878	4
22.09.2019	534,548	0,001	361,366	0,001	225,251	0,001	146,172	0,001	69,2461	0,54804	35,9476	0,94692	17,9186	0,98656	8,13538	0,98004	3,19581	0,85241	4
23.09.2019	535,402	0,001	362,451	0,001	226,382	0,001	146,505	0,001	69,3972	0,54279	36,1896	0,94287	17,767	0,9877	8,04061	0,98155	3,14892	0,8582	4
24.09.2019	536,937	0,001	363,984	0,001	227,817	0,001	147,339	0,001	69,7568	0,53029	36,34	0,94026	17,538	0,98942	7,96795	0,9827	3,08463	0,86615	4
25.09.2019	537,111	0,001	364,327	0,001	228,572	0,001	147,855	0,001	70,1692	0,51596	36,6975	0,93364	17,6958	0,98824	8,07004	0,98108	3,09157	0,86529	4
26.09.2019	537,078	0,001	364,607	0,001	229,141	0,001	148,141	0,001	70,3138	0,51094	36,8056	0,93154	17,6422	0,98864	8,0604	0,98123	3,08297	0,86635	4
27.09.2019	536,348	0,001	364,091	0,001	229,159	0,001	148,297	0,001	70,3652	0,50915	36,8058	0,93154	17,6343	0,9887	7,93851	0,98317	3,07134	0,86779	4
28.09.2019	537,012	0,001	364,893	0,001	229,636	0,001	148,509	0,001	70,4798	0,50517	36,8461	0,93076	17,6166	0,98883	7,88966	0,98394	3,04984	0,87045	4
29.09.2019	537,089	0,001	364,738	0,001	229,444	0,001	148,436	0,001	70,2166	0,51432	36,6885	0,93381	17,4972	0,98973	7,82188	0,98502	3,01644	0,87458	4
30.09.2019	537,161	0,001	364,686	0,001	229,367	0,001	148,438	0,001	70,2369	0,51361	36,6583	0,9344	17,5233	0,98953	7,8061	0,98521	3,02903	0,87302	4
1.10.2019	537,581	0,001	364,964	0,001	229,452	0,001	148,467	0,001	70,21	0,51454	36,5896	0,93569	17,4959	0,98974	7,81493	0,9851	3,04588	0,87094	4
2.10.2019	537,882	0,001	365,045	0,001	229,552	0,001	148,585	0,001	70,2661	0,51259	36,5625	0,93619	17,4378	0,99012	7,76149	0,98576	3,025	0,87352	4
3.10.2019	538,749	0,001	365,697	0,001	230,035	0,001	148,816	0,001	70,3484	0,50974	36,6066	0,93538	17,4122	0,99024	7,78181	0,98551	3,03419	0,87238	4
4.10.2019	538,928	0,001	365,658	0,001	230,032	0,001	148,774	0,001	70,3886	0,50834	36,6004	0,93549	17,3808	0,99039	7,78075	0,98553	3,03933	0,87175	4
5.10.2019	539,794	0,001	366,37	0,001	230,74	0,001	149,273	0,001	70,7354	0,49629	36,8281	0,93111	17,403	0,99029	7,79852	0,98531	3,03252	0,87259	4
6.10.2019	539,731	0,001	365,997	0,001	230,37	0,001	148,937	0,001	70,3571	0,50943	36,5614	0,93621	17,3089	0,99075	7,75891	0,9858	3,04709	0,87079	4
7.10.2019	540,202	0,001	366,307	0,001	230,39	0,001	149,099	0,001	70,6234	0,50018	36,6926	0,93373	17,3893	0,99035	7,7986	0,9853	3,06602	0,86845	4
8.10.2019	540,076	0,001	365,908	0,001	229,957	0,001	148,692	0,001	70,1092	0,51805	36,2928	0,94108	17,2425	0,99107	7,71072	0,98639	3,1004	0,8642	4

9.10.2019	539,632	0,001	365,299	0,001	229,333	0,001	148,343	0,001	70,4063	0,50772	36,361	0,93989	17,5742	0,98915	7,77135	0,98564	3,1654	0,85617	4
10.10.2019	540,807	0,001	366,277	0,001	230,219	0,001	149,011	0,001	70,6101	0,50064	36,4055	0,93908	17,5015	0,9897	7,72518	0,98621	3,13153	0,86035	4
11.10.2019	541,34	0,001	366,401	0,001	230,118	0,001	148,96	0,001	70,4434	0,50643	36,3095	0,94079	17,3333	0,99063	7,71309	0,98636	3,09802	0,86449	4
12.10.2019	541,958	0,001	366,817	0,001	230,263	0,001	148,962	0,001	70,6937	0,49774	36,4672	0,93794	17,5201	0,98956	7,81471	0,98511	3,1467	0,85848	4
13.10.2019	541,664	0,001	366,288	0,001	229,893	0,001	148,564	0,001	70,8624	0,49188	36,4927	0,93747	17,7316	0,98797	7,94627	0,98305	3,27469	0,84227	4
14.10.2019	542,293	0,001	366,646	0,001	230,207	0,001	148,803	0,001	71,0204	0,48639	36,5831	0,93581	17,7325	0,98796	7,91609	0,98353	3,25324	0,84506	4
15.10.2019	542,992	0,001	367,11	0,001	230,591	0,001	149,027	0,001	71,2102	0,47979	36,716	0,93328	17,8418	0,98714	7,95169	0,98296	3,25742	0,84452	4
16.10.2019	543,898	0,001	367,8	0,001	230,848	0,001	149,22	0,001	71,185	0,48067	36,7035	0,93352	17,7984	0,98747	7,98506	0,98243	3,23268	0,84774	4
17.10.2019	544,248	0,001	367,893	0,001	230,858	0,001	149,12	0,001	71,5496	0,468	36,9597	0,92849	18,0085	0,98589	8,10015	0,9806	3,29812	0,83922	4
18.10.2019	545,005	0,001	368,422	0,001	231,209	0,001	149,364	0,001	71,5555	0,46779	36,9281	0,92913	17,9655	0,98621	8,096	0,98067	3,28092	0,84146	4
19.10.2019	545,367	0,001	368,544	0,001	231,158	0,001	149,202	0,001	71,4341	0,47201	36,844	0,9308	17,9739	0,98615	8,1036	0,98055	3,30993	0,83768	4
20.10.2019	546,097	0,001	369,059	0,001	231,45	0,001	149,392	0,001	71,4973	0,46981	36,8393	0,93089	17,9742	0,98615	8,08168	0,9809	3,29409	0,83975	4
21.10.2019	546,793	0,001	369,52	0,001	231,732	0,001	149,585	0,001	71,5893	0,46661	36,8508	0,93067	17,9639	0,98622	8,08116	0,9809	3,27715	0,84195	4
22.10.2019	547,538	0,001	370,075	0,001	232,124	0,001	150,006	0,001	71,9828	0,45294	37,0995	0,92565	18,0261	0,98576	8,11289	0,9804	3,24191	0,84654	4
23.10.2019	548,11	0,001	370,443	0,001	232,402	0,001	150,318	0,001	71,8851	0,45634	37,0815	0,92601	17,8643	0,98697	8,06742	0,98112	3,19373	0,85267	4
24.10.2019	548,041	0,001	370,063	0,001	231,703	0,001	149,405	0,001	71,094	0,48383	36,6727	0,93412	17,8263	0,98726	8,06182	0,98121	3,28509	0,84092	4
25.10.2019	548,387	0,001	370,231	0,001	231,487	0,001	149,074	0,001	70,9124	0,49014	36,4265	0,93869	17,8891	0,98679	8,04251	0,98152	3,33869	0,83394	4
26.10.2019	548,064	0,001	369,681	0,001	231,197	0,001	148,75	0,001	70,496	0,50461	35,9744	0,94649	17,7845	0,98757	7,8879	0,98397	3,30397	0,83846	4
27.10.2019	548,449	0,001	369,841	0,001	231,46	0,001	148,906	0,001	70,6013	0,50095	35,8259	0,94889	17,7038	0,98818	7,85132	0,98455	3,28777	0,84057	4
28.10.2019	548,871	0,001	370,304	0,001	231,243	0,001	148,594	0,001	70,4278	0,50698	35,5686	0,95285	17,7135	0,9881	7,87546	0,98417	3,35324	0,83205	4
29.10.2019	549,612	0,001	370,893	0,001	231,692	0,001	148,913	0,001	70,6606	0,49889	35,7471	0,95016	17,7697	0,98768	7,91822	0,98349	3,38917	0,82737	4
30.10.2019	550,511	0,001	371,573	0,001	232,269	0,001	149,309	0,001	70,7602	0,49542	35,7582	0,94999	17,7877	0,98755	7,93572	0,98321	3,39452	0,82668	4
31.10.2019	551,276	0,001	372,104	0,001	232,431	0,001	149,513	0,001	70,9471	0,48893	35,8416	0,94864	17,8332	0,98721	7,9924	0,98231	3,40939	0,82473	4
1.11.2019	551,867	0,001	372,461	0,001	232,617	0,001	149,656	0,001	70,9951	0,48726	35,8398	0,94867	17,8712	0,98692	8,06935	0,98109	3,42419	0,82272	4
2.11.2019	552,287	0,001	372,804	0,001	232,791	0,001	149,717	0,001	71,109	0,4833	35,9392	0,94706	17,9587	0,98626	8,11844	0,98031	3,4307	0,82184	4
3.11.2019	552,913	0,001	373,182	0,001	232,997	0,001	149,815	0,001	71,148	0,48195	35,9043	0,94762	17,9908	0,98602	8,11424	0,98038	3,44096	0,82045	4
4.11.2019	553,641	0,001	373,693	0,001	233,335	0,001	150,076	0,001	71,3111	0,47628	36,0362	0,94549	18,0813	0,98534	8,20356	0,97875	3,4616	0,81766	4
5.11.2019	554,341	0,001	374,128	0,001	233,668	0,001	150,258	0,001	71,4183	0,47256	36,0821	0,94473	18,1123	0,98511	8,27877	0,97732	3,47572	0,81574	4

Maximum Eigen Value Test Stat																		
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8	
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value
7.09.2018	138,878	0,001	129,478	0,001	60,2198	0,00432	36,1644	0,32928	28,4367	0,45919	18,5104	0,76498	17,366	0,4662	8,46014	0,77966	5,08389	0,62456
8.09.2018	139,218	0,001	129,712	0,001	60,3856	0,0042	35,9148	0,34408	28,5128	0,45436	18,6082	0,75821	17,3815	0,46501	8,44181	0,78131	5,07136	0,62604
9.09.2018	139,302	0,001	129,75	0,001	60,5523	0,00408	35,6897	0,35742	28,5848	0,44979	18,5944	0,75916	17,4229	0,4618	8,46067	0,77961	5,12861	0,61931
10.09.2018	139,396	0,001	130,183	0,001	60,7225	0,00395	35,5509	0,36565	28,6471	0,44583	18,6378	0,75616	17,5057	0,4554	8,45948	0,77971	5,1593	0,6157
11.09.2018	139,983	0,001	130,586	0,001	60,8853	0,00383	34,9444	0,4016	28,7595	0,4387	18,6537	0,75506	17,5952	0,44849	8,4547	0,78015	5,21453	0,6092
12.09.2018	139,98	0,001	130,858	0,001	61,0345	0,00372	34,6158	0,42108	28,8351	0,4339	18,6698	0,75395	17,5193	0,45435	8,42544	0,78279	5,17652	0,61367
13.09.2018	139,769	0,001	131,314	0,001	61,1869	0,00361	34,915	0,40334	28,8651	0,43199	18,6071	0,75829	17,456	0,45925	8,44498	0,78102	5,20644	0,61015
14.09.2018	139,998	0,001	131,656	0,001	61,3471	0,00349	35,109	0,39185	28,9501	0,42659	18,6979	0,752	17,5273	0,45373	8,58753	0,76816	5,22662	0,60778
15.09.2018	139,69	0,001	131,819	0,001	61,5175	0,00336	35,1335	0,39039	28,9733	0,42512	18,7452	0,74872	17,4726	0,45796	8,58071	0,76877	5,21859	0,60873
16.09.2018	140,079	0,001	132,065	0,001	61,7246	0,00321	34,8343	0,40813	28,9992	0,42347	18,6548	0,75498	17,6224	0,44638	8,60438	0,76664	5,23544	0,60674
17.09.2018	140,537	0,001	132,475	0,001	61,8813	0,00309	34,6144	0,42116	29,0533	0,42004	18,7781	0,74645	17,6118	0,4472	8,57603	0,7692	5,18615	0,61254
18.09.2018	140,834	0,001	132,798	0,001	61,9693	0,00303	34,6274	0,42039	29,0143	0,42252	18,7799	0,74632	17,4994	0,45589	8,59068	0,76787	5,17184	0,61422
19.09.2018	141,051	0,001	133,109	0,001	62,0774	0,00295	34,6511	0,41898	29,0737	0,41875	18,7868	0,74585	17,4797	0,45742	8,62292	0,76496	5,20863	0,6099
20.09.2018	141,77	0,001	133,391	0,001	61,9096	0,00307	34,8542	0,40695	28,9315	0,42778	18,8192	0,7436	17,082	0,48815	8,71718	0,75646	5,2852	0,60089
21.09.2018	142,115	0,001	133,639	0,001	61,8461	0,00312	35,0061	0,39794	28,787	0,43695	18,733	0,74957	16,6785	0,51934	8,76311	0,75231	5,22754	0,60767
22.09.2018	142,266	0,001	133,144	0,001	61,8431	0,00312	35,0705	0,39412	28,8567	0,43253	18,7427	0,7489	16,4643	0,5359	8,81272	0,74784	5,20696	0,61009
23.09.2018	143,792	0,001	134,339	0,001	62,4376	0,00268	34,8088	0,40964	29,0504	0,42023	18,6298	0,75671	16,5212	0,5315	8,81316	0,7478	5,31598	0,59727
24.09.2018	141,241	0,001	134,029	0,001	62,4673	0,00266	34,6714	0,41778	29,2544	0,40728	18,5764	0,76041	16,4112	0,54	8,80823	0,74824	5,1975	0,61121
25.09.2018	141,144	0,001	131,858	0,001	62,3542	0,00275	34,5399	0,42558	29,3267	0,40268	18,6565	0,75487	16,3051	0,5482	9,0005	0,73089	5,1539	0,61633
26.09.2018	141,097	0,001	129,945	0,001	62,4505	0,00267	34,7846	0,41107	29,4033	0,39782	18,7453	0,74872	16,1825	0,55767	8,81488	0,74764	5,16141	0,61545
27.09.2018	141,586	0,001	130,079	0,001	62,7392	0,00246	34,9149	0,40335	29,4777	0,3931	18,7589	0,74777	16,278	0,55029	8,85149	0,74434	5,24182	0,60599
28.09.2018	141,628	0,001	129,075	0,001	62,8787	0,00236	34,9928	0,39873	29,556	0,38812	18,7887	0,74571	16,1991	0,55639	8,84138	0,74525	5,21782	0,60882
29.09.2018	141,567	0,001	128,501	0,001	62,9616	0,0023	35,0998	0,39239	29,6326	0,38326	18,8667	0,74031	15,9849	0,57295	8,91441	0,73866	5,17641	0,61369
30.09.2018	141,717	0,001	128,81	0,001	63,1371	0,00217	35,0595	0,39478	29,7126	0,37818	18,906	0,73759	16,0201	0,57022	8,93772	0,73656	5,18152	0,61309
1.10.2018	141,837	0,001	128,648	0,001	63,2989	0,00205	35,0869	0,39315	29,7863	0,3735	18,9412	0,73515	15,9115	0,57862	8,90274	0,73971	5,18663	0,61248
2.10.2018	141,303	0,001	128,167	0,001	63,4524	0,00193	35,3287	0,37882	29,8931	0,36672	18,9571	0,73405	16,0811	0,56551	8,99481	0,7314	5,20943	0,6098
3.10.2018	141,521	0,001	127,251	0,001	63,4985	0,0019	35,3388	0,37822	29,9751	0,36152	19,0352	0,72865	16,246	0,55277	9,00846	0,73017	5,24899	0,60515
4.10.2018	141,537	0,001	127,062	0,001	63,6952	0,00176	35,3186	0,37942	30,0489	0,35683	19,0899	0,72486	16,2859	0,54968	8,96576	0,73403	5,29326	0,59995
5.10.2018	141,669	0,001	127,259	0,001	63,8304	0,00166	35,5668	0,36471	30,1388	0,35113	19,1335	0,72184	16,3546	0,54437	8,99557	0,73134	5,30439	0,59864
6.10.2018	141,683	0,001	126,962	0,001	64,0529	0,00149	35,5171	0,36765	30,2008	0,34719	19,1888	0,71801	16,5144	0,53202	8,96324	0,73425	5,32906	0,59574
7.10.2018	142,026	0,001	127,678	0,001	64,2334	0,00136	35,651	0,35971	30,2618	0,34331	19,2402	0,71446	16,7164	0,51641	8,97029	0,73362	5,38425	0,58925
8.10.2018	142,272	0,001	127,586	0,001	64,4079	0,00123	35,5888	0,3634	30,282	0,34203	19,2886	0,7111	16,6202	0,52384	8,92037	0,73812	5,37362	0,5905
9.10.2018	142,549	0,001	127,386	0,001	64,5751	0,00111	35,5044	0,36841	30,2982	0,341	19,3225	0,70876	16,6122	0,52446	8,914	0,7387	5,35868	0,59225
10.10.2018	142,874	0,001	127,516	0,001	64,7534	0,001	35,5073	0,36823	30,3158	0,33989	19,2831	0,71149	16,6198	0,52387	8,94559	0,73585	5,33812	0,59467
11.10.2018	143,267	0,001	126,619	0,001	64,928	0,001	35,1363	0,39023	30,2807	0,34211	19,3711	0,70539	16,8229	0,50818	8,89053	0,74081	5,30043	0,5991
12.10.2018	143,632	0,001	127,176	0,001	65,0789	0,001	35,438	0,37234	30,1424	0,35089	19,4388	0,70071	16,911	0,50137	8,96332	0,73425	5,33859	0,59462
13.10.2018	144,002	0,001	127,413	0,001	65,2674	0,001	35,5775	0,36407	30,0542	0,35649	19,491	0,69709	16,95	0,49835	8,91202	0,73888	5,33032	0,59559

14.10.2018	144,399	0,001	127,634	0,001	65,4443	0,001	35,6183	0,36165	30,0562	0,35637	19,5752	0,69126	17,056	0,49016	8,91545	0,73857	5,37547	0,59028
15.10.2018	144,72	0,001	128,083	0,001	65,6151	0,001	35,821	0,34964	30,1628	0,3496	19,619	0,68823	17,0603	0,48983	9,01685	0,72941	5,39113	0,58844
16.10.2018	145,096	0,001	128,34	0,001	65,7816	0,001	35,8016	0,35079	30,0046	0,35964	19,6724	0,68454	16,964	0,49727	8,95774	0,73475	5,36802	0,59115
17.10.2018	145,497	0,001	128,754	0,001	65,9475	0,001	35,7843	0,35181	30,1045	0,3533	19,7013	0,68254	16,9146	0,50109	8,96017	0,73453	5,38863	0,58873
18.10.2018	145,873	0,001	128,923	0,001	66,1157	0,001	35,7713	0,35259	30,2242	0,3457	19,7317	0,68043	16,851	0,506	8,95621	0,73489	5,3769	0,59011
19.10.2018	146,237	0,001	129,068	0,001	66,281	0,001	35,7836	0,35185	30,3576	0,33723	19,7756	0,67739	16,7895	0,51076	9,01255	0,7298	5,3795	0,58981
20.10.2018	146,601	0,001	129,251	0,001	66,446	0,001	35,814	0,35005	30,4016	0,33444	19,8243	0,67402	16,7594	0,51308	9,00811	0,7302	5,37407	0,59044
21.10.2018	171,954	0,001	112,143	0,001	74,4653	0,001	62,8017	0,001	32,8208	0,18793	30,1301	0,08578	16,7655	0,51262	8,87304	0,74239	5,21085	0,60964
22.10.2018	172,374	0,001	112,341	0,001	74,5667	0,001	62,909	0,001	32,8789	0,1856	30,2056	0,0841	16,79	0,51072	8,88011	0,74176	5,20674	0,61012
23.10.2018	172,779	0,001	112,473	0,001	74,7115	0,001	63,0948	0,001	32,9683	0,18203	30,28	0,08247	16,74	0,51458	8,90377	0,73962	5,20453	0,61038
24.10.2018	173,191	0,001	112,468	0,001	74,8511	0,001	63,2362	0,001	32,992	0,18108	30,3543	0,08086	16,7546	0,51345	8,92949	0,7373	5,18569	0,61259
25.10.2018	173,575	0,001	112,55	0,001	74,8979	0,001	63,3679	0,001	33,0331	0,17944	30,422	0,07941	16,7897	0,51075	8,93292	0,73699	5,19844	0,6111
26.10.2018	173,981	0,001	112,674	0,001	75,0136	0,001	63,5286	0,001	33,0335	0,17942	30,4859	0,0781	16,819	0,50848	8,93854	0,73648	5,20424	0,61041
27.10.2018	174,419	0,001	112,605	0,001	75,099	0,001	63,6838	0,001	33,0449	0,17896	30,5291	0,07721	16,8199	0,50841	8,94321	0,73606	5,18174	0,61306
28.10.2018	174,845	0,001	112,942	0,001	75,1714	0,001	63,8213	0,001	32,9077	0,18445	30,6077	0,0756	16,8269	0,50787	8,95025	0,73543	5,18395	0,6128
29.10.2018	175,262	0,001	112,905	0,001	75,2207	0,001	63,945	0,001	32,9791	0,1816	30,6422	0,07489	16,869	0,50461	8,95981	0,73456	5,12206	0,62008
30.10.2018	175,691	0,001	113,071	0,001	75,3037	0,001	64,0762	0,001	33,0215	0,1799	30,6754	0,07425	16,882	0,50361	8,97659	0,73305	5,15138	0,61663
31.10.2018	176,119	0,001	113,098	0,001	75,326	0,001	64,2066	0,001	33,0844	0,17738	30,6949	0,07387	16,8767	0,50402	8,96289	0,73429	5,13868	0,61812
1.11.2018	176,548	0,001	113,136	0,001	75,4694	0,001	64,4054	0,001	33,0778	0,17765	30,7096	0,07358	16,8453	0,50645	9,00161	0,73079	5,15477	0,61623
2.11.2018	176,961	0,001	113,588	0,001	75,7488	0,001	64,4483	0,001	33,0693	0,17799	30,8165	0,07151	16,8862	0,50328	8,96164	0,7344	5,17263	0,61413
3.11.2018	177,37	0,001	113,696	0,001	75,9952	0,001	64,5937	0,001	33,2374	0,17166	30,9007	0,06988	16,9346	0,49955	8,96292	0,73428	5,14236	0,61769
4.11.2018	177,683	0,001	113,717	0,001	76,3765	0,001	64,7132	0,001	33,3088	0,16911	30,9482	0,06901	16,9001	0,50221	8,97013	0,73363	5,12012	0,6203
5.11.2018	177,919	0,001	113,87	0,001	76,4919	0,001	64,8647	0,001	33,4765	0,16312	30,9983	0,0681	16,9335	0,49963	8,99104	0,73174	5,11953	0,62037
6.11.2018	177,954	0,001	114,244	0,001	76,6643	0,001	64,9304	0,001	33,6205	0,15798	31,04	0,06733	16,7563	0,51332	8,95457	0,73504	5,07731	0,62534
7.11.2018	178,495	0,001	114,013	0,001	76,8471	0,001	65,1897	0,001	33,6874	0,15559	31,1948	0,06454	16,7728	0,51205	9,01269	0,72979	4,99202	0,63537
8.11.2018	178,971	0,001	114,316	0,001	77,0228	0,001	65,1491	0,001	33,6011	0,15867	31,2803	0,06308	16,8104	0,50915	9,04961	0,72646	5,06172	0,62717
9.11.2018	179,392	0,001	114,603	0,001	77,2761	0,001	65,303	0,001	33,7429	0,15361	31,349	0,06191	16,8464	0,50636	9,06914	0,7247	5,04637	0,62898
10.11.2018	179,759	0,001	114,832	0,001	77,4498	0,001	65,3241	0,001	33,7672	0,15274	31,4231	0,06064	16,7508	0,51375	9,09202	0,72263	5,0032	0,63405
11.11.2018	180,059	0,001	115,284	0,001	77,6321	0,001	65,028	0,001	33,8376	0,15023	31,4765	0,05975	16,7393	0,51464	9,07487	0,72418	5,01898	0,6322
12.11.2018	180,489	0,001	115,497	0,001	77,817	0,001	65,2949	0,001	33,943	0,14689	31,5532	0,05853	16,5558	0,52882	9,15172	0,71724	4,90965	0,64505
13.11.2018	180,922	0,001	115,579	0,001	78,0004	0,001	65,4673	0,001	33,5267	0,16133	31,6054	0,05771	16,4544	0,53666	9,29789	0,70405	4,74379	0,66455
14.11.2018	181,332	0,001	115,782	0,001	78,1329	0,001	65,2567	0,001	33,5455	0,16066	31,6906	0,05635	16,5401	0,53003	9,27647	0,70599	4,75201	0,66359
15.11.2018	181,761	0,001	116,136	0,001	78,3069	0,001	65,0799	0,001	33,4598	0,16372	31,7658	0,05516	16,3741	0,54286	9,25191	0,7082	4,7727	0,66116
16.11.2018	182,075	0,001	116,434	0,001	78,4773	0,001	64,9888	0,001	33,3767	0,16669	31,8227	0,05432	16,3209	0,54698	9,25958	0,70751	4,74068	0,66492
17.11.2018	182,51	0,001	116,649	0,001	78,6416	0,001	64,942	0,001	33,4397	0,16444	31,8633	0,05373	16,1401	0,56095	9,26103	0,70738	4,67222	0,67297
18.11.2018	183,06	0,001	117,035	0,001	78,8326	0,001	65,3681	0,001	32,9025	0,18466	32,1652	0,04937	15,8852	0,58065	9,45828	0,68958	4,4463	0,69953
19.11.2018	183,488	0,001	116,996	0,001	78,9797	0,001	64,8433	0,001	32,6351	0,19536	31,9686	0,05219	15,4042	0,61783	9,45247	0,6901	4,25574	0,72194
20.11.2018	183,932	0,001	116,302	0,001	78,6643	0,001	64,4205	0,001	32,8675	0,18606	31,5101	0,05921	15,0868	0,64236	9,43695	0,6915	4,31587	0,71487
21.11.2018	184,274	0,001	117,186	0,001	78,8314	0,001	64,445	0,001	32,7277	0,19165	31,1879	0,06466	14,9782	0,65076	9,52229	0,6838	4,39233	0,70588
22.11.2018	184,767	0,001	117,305	0,001	78,9607	0,001	64,2834	0,001	32,8026	0,18865	30,6155	0,07544	15,17	0,63593	9,46673	0,68882	4,24494	0,72321

23.11.2018	185,182	0,001	117,15	0,001	79,1101	0,001	64,3776	0,001	32,9415	0,1831	30,0302	0,08807	14,7158	0,67104	9,50824	0,68507	4,09433	0,74092
24.11.2018	185,472	0,001	116,919	0,001	79,1915	0,001	64,3527	0,001	32,8446	0,18698	29,1356	0,11144	14,6845	0,67346	9,37701	0,69691	4,1328	0,7364
25.11.2018	185,856	0,001	117,162	0,001	79,1794	0,001	64,0173	0,001	33,0159	0,18012	28,6284	0,12594	14,4112	0,69458	9,35161	0,6992	4,12672	0,73711
26.11.2018	186,164	0,001	117,4	0,001	79,444	0,001	64,0401	0,001	33,0304	0,17954	27,8618	0,15179	14,4357	0,69269	9,20028	0,71286	4,10238	0,73998
27.11.2018	186,582	0,001	117,242	0,001	79,5384	0,001	63,7185	0,001	32,9216	0,18389	27,5532	0,1636	14,4489	0,69167	9,17137	0,71547	4,21851	0,72632
28.11.2018	186,976	0,001	117,869	0,001	79,6393	0,001	63,5237	0,001	33,0452	0,17895	27,3209	0,17249	14,6372	0,67712	9,10289	0,72165	4,27995	0,7191
29.11.2018	187,441	0,001	118,27	0,001	79,9254	0,001	63,6083	0,001	33,2907	0,16976	27,207	0,17706	14,6437	0,67661	9,27468	0,70615	4,17852	0,73102
30.11.2018	187,872	0,001	118,431	0,001	80,066	0,001	63,5255	0,001	33,1952	0,17317	27,3838	0,17008	14,5587	0,68318	9,15962	0,71653	4,12767	0,737
1.12.2018	188,302	0,001	118,706	0,001	80,0249	0,001	63,2683	0,001	33,3102	0,16906	27,5962	0,16195	14,341	0,70001	9,28893	0,70486	4,19705	0,72884
2.12.2018	188,726	0,001	118,978	0,001	80,2594	0,001	63,3196	0,001	33,4113	0,16545	27,3623	0,1709	14,2134	0,70987	9,36752	0,69777	4,09586	0,74074
3.12.2018	189,146	0,001	119,223	0,001	80,3492	0,001	63,3982	0,001	33,4271	0,16489	27,1308	0,18033	14,2618	0,70613	9,40346	0,69453	4,09431	0,74092
4.12.2018	189,592	0,001	119,479	0,001	80,5245	0,001	63,9879	0,001	33,5529	0,16039	27,1034	0,1815	14,461	0,69073	9,78225	0,66034	4,20328	0,72811
5.12.2018	190,008	0,001	119,735	0,001	80,7887	0,001	64,2292	0,001	33,6787	0,1559	26,6785	0,19971	14,5187	0,68627	9,94119	0,646	4,21834	0,72634
6.12.2018	190,499	0,001	120,003	0,001	80,6034	0,001	63,4208	0,001	33,8129	0,15111	25,8871	0,25432	14,3003	0,70316	9,71422	0,66648	4,09883	0,74039
7.12.2018	191,05	0,001	120,22	0,001	80,7042	0,001	63,1763	0,001	33,7415	0,15366	25,2387	0,2992	14,1522	0,7146	9,38053	0,6966	4,09307	0,74107
8.12.2018	191,558	0,001	120,464	0,001	80,8891	0,001	63,1689	0,001	33,7497	0,15337	25,2447	0,29879	13,967	0,72891	9,24129	0,70916	4,14266	0,73524
9.12.2018	192,388	0,001	120,677	0,001	81,0778	0,001	63,2685	0,001	33,9168	0,14772	25,2646	0,29741	13,7765	0,74364	9,22334	0,71078	4,00869	0,75099
10.12.2018	192,84	0,001	120,962	0,001	81,2393	0,001	63,3882	0,001	33,9429	0,1469	25,0862	0,30976	13,7178	0,74818	9,20127	0,71277	3,94279	0,75874
11.12.2018	193,132	0,001	121,258	0,001	81,3885	0,001	63,6551	0,001	33,9399	0,14699	24,9716	0,31769	13,7288	0,74732	9,30953	0,703	4,03805	0,74754
12.12.2018	130,862	0,001	127,205	0,001	79,1662	0,001	58,6948	0,001	31,0553	0,29293	23,5024	0,4194	14,6592	0,67541	9,64076	0,67311	2,96139	0,88091
13.12.2018	131,148	0,001	127,461	0,001	79,301	0,001	58,7516	0,001	30,7697	0,31107	23,5592	0,41546	14,2773	0,70493	9,53016	0,68309	2,93279	0,88418
14.12.2018	131,415	0,001	127,686	0,001	79,5479	0,001	58,8595	0,001	30,6045	0,32155	23,6148	0,41162	13,9647	0,72909	9,45323	0,69003	2,93407	0,88404
15.12.2018	131,704	0,001	127,951	0,001	79,6368	0,001	58,9583	0,001	30,4179	0,3334	23,6798	0,40712	13,6884	0,75045	9,31501	0,70251	2,96845	0,8801
16.12.2018	131,995	0,001	128,22	0,001	79,7798	0,001	59,0921	0,001	29,9658	0,36211	23,7329	0,40344	13,6679	0,75204	9,21762	0,7113	3,01483	0,87477
17.12.2018	132,304	0,001	128,534	0,001	80,0318	0,001	59,2654	0,001	29,9769	0,3614	23,7823	0,40002	13,3775	0,77447	9,13716	0,71856	3,05173	0,87021
18.12.2018	132,59	0,001	128,882	0,001	80,2188	0,001	59,4743	0,001	30,0952	0,35389	23,8388	0,39612	13,3494	0,77665	9,25751	0,7077	3,0784	0,86692
19.12.2018	132,865	0,001	129,054	0,001	80,405	0,001	59,5848	0,001	29,6737	0,38065	23,8759	0,39355	13,6965	0,74982	9,1565	0,71681	3,12465	0,8612
20.12.2018	133,122	0,001	129,079	0,001	80,582	0,001	59,728	0,001	29,94	0,36375	23,9415	0,389	13,7998	0,74183	9,08447	0,72331	3,10362	0,8638
21.12.2018	133,382	0,001	129,203	0,001	80,7738	0,001	59,8683	0,001	29,7362	0,37668	23,9921	0,3855	13,9482	0,73036	8,80903	0,74817	3,18379	0,85389
22.12.2018	133,625	0,001	129,515	0,001	80,9485	0,001	59,9943	0,001	29,7644	0,3749	24,0471	0,38169	13,9938	0,72684	8,91094	0,73897	3,18135	0,8542
23.12.2018	133,831	0,001	129,804	0,001	81,0553	0,001	60,1181	0,001	29,5088	0,39112	24,073	0,3799	13,8099	0,74106	8,74364	0,75407	3,17851	0,85455
24.12.2018	134,215	0,001	129,598	0,001	81,2404	0,001	60,1379	0,001	29,657	0,38171	24,1292	0,37601	13,478	0,76671	8,9455	0,73585	3,12229	0,86149
25.12.2018	134,505	0,001	130,042	0,001	81,3223	0,001	60,169	0,001	29,47	0,39359	24,1854	0,37212	13,2658	0,78311	8,73293	0,75504	3,09212	0,86522
26.12.2018	134,765	0,001	130,239	0,001	81,6117	0,001	60,326	0,001	29,6453	0,38245	24,22	0,36972	13,1424	0,79265	8,7176	0,75642	3,09033	0,86544
27.12.2018	135,163	0,001	130,392	0,001	81,7742	0,001	60,3058	0,001	29,3766	0,39951	24,2856	0,36518	13,1884	0,78909	8,51319	0,77487	3,10744	0,86333
28.12.2018	135,435	0,001	130,57	0,001	81,9518	0,001	60,5484	0,001	29,4456	0,39513	24,2796	0,3656	13,1895	0,78901	8,61645	0,76555	3,13293	0,86018
29.12.2018	135,723	0,001	130,787	0,001	82,1536	0,001	60,6208	0,001	29,4115	0,3973	24,2819	0,36543	13,1177	0,79456	8,48277	0,77761	3,09966	0,86429
30.12.2018	136,025	0,001	130,98	0,001	82,3327	0,001	60,7373	0,001	29,5263	0,39001	24,3158	0,36309	13,0093	0,80283	8,49396	0,7766	3,10651	0,86344
31.12.2018	136,305	0,001	131,269	0,001	82,4976	0,001	60,9262	0,001	29,484	0,3927	24,3782	0,35877	13,0723	0,79807	8,64203	0,76324	3,16659	0,85602
1.01.2019	136,577	0,001	131,534	0,001	82,7321	0,001	61,0426	0,001	29,4	0,39803	24,4342	0,3549	12,9873	0,80448	8,41425	0,7838	3,16172	0,85662

2.01.2019	136,869	0,001	131,772	0,001	82,9225	0,001	61,1959	0,001	29,4068	0,3976	24,4297	0,35521	12,9243	0,80917	8,25535	0,79814	3,13673	0,85971
3.01.2019	137,158	0,001	132,091	0,001	83,0968	0,001	61,2791	0,001	29,3669	0,40013	24,4817	0,35161	12,8985	0,81109	8,1122	0,81119	3,14224	0,85903
4.01.2019	137,444	0,001	132,31	0,001	83,2274	0,001	61,3884	0,001	29,3407	0,40179	24,4786	0,35182	12,9423	0,80783	8,09387	0,81286	3,15943	0,8569
5.01.2019	137,734	0,001	132,67	0,001	83,3442	0,001	61,52	0,001	29,1185	0,4159	24,5376	0,34774	12,8395	0,81549	7,91801	0,82869	3,19613	0,85237
6.01.2019	138,024	0,001	132,987	0,001	83,568	0,001	61,6205	0,001	29,2904	0,40499	24,5941	0,34383	12,7515	0,82205	7,91496	0,82895	3,22981	0,84811
7.01.2019	138,261	0,001	133,251	0,001	83,7284	0,001	61,6782	0,001	29,3604	0,40055	24,6369	0,34086	12,8219	0,8168	7,95096	0,82586	3,25028	0,84545
8.01.2019	138,455	0,001	133,531	0,001	83,919	0,001	61,8688	0,001	29,4846	0,39266	24,698	0,33663	12,811	0,81761	8,1383	0,80881	3,34833	0,83269
9.01.2019	138,526	0,001	133,768	0,001	84,0376	0,001	61,9014	0,001	29,8092	0,37205	24,6367	0,34087	12,7017	0,82571	7,97392	0,82382	3,33054	0,835
10.01.2019	138,794	0,001	134,04	0,001	84,214	0,001	61,6792	0,001	29,7816	0,3738	24,7367	0,33395	12,7192	0,82445	7,81471	0,83756	3,26424	0,84363
11.01.2019	139,093	0,001	134,292	0,001	84,4421	0,001	61,8879	0,001	29,8419	0,36997	24,8289	0,32757	12,77	0,82067	7,95364	0,82563	3,2764	0,84205
12.01.2019	139,332	0,001	134,531	0,001	84,584	0,001	62,0024	0,001	29,9094	0,36568	24,8978	0,3228	12,6794	0,82727	7,84114	0,83529	3,25536	0,84479
13.01.2019	139,377	0,001	134,777	0,001	84,7269	0,001	61,9001	0,001	29,7707	0,37449	24,9818	0,31699	12,7571	0,82163	7,6874	0,84848	3,21191	0,85042
14.01.2019	139,359	0,001	135,13	0,001	84,9814	0,001	62,2094	0,001	29,9187	0,3651	24,9765	0,31735	12,7263	0,82393	7,78616	0,84001	3,29736	0,83932
15.01.2019	139,541	0,001	135,286	0,001	85,1458	0,001	62,2284	0,001	29,9136	0,36542	25,0277	0,31381	12,7368	0,82315	7,60357	0,85528	3,26724	0,84324
16.01.2019	139,58	0,001	135,652	0,001	85,3276	0,001	62,2722	0,001	29,9767	0,36142	25,0488	0,31235	12,7669	0,8209	7,63192	0,85301	3,28557	0,84086
17.01.2019	139,954	0,001	135,916	0,001	85,4294	0,001	62,4201	0,001	30,0524	0,35661	25,1171	0,30762	12,8091	0,81776	7,76904	0,84147	3,33178	0,83484
18.01.2019	139,955	0,001	136,189	0,001	85,7099	0,001	62,5998	0,001	30,0814	0,35477	25,1724	0,30379	12,8213	0,81684	7,76633	0,84171	3,36463	0,83057
19.01.2019	140,165	0,001	136,405	0,001	85,8885	0,001	62,6659	0,001	30,1974	0,3474	25,211	0,30112	12,7686	0,82077	7,81677	0,83738	3,3599	0,83118
20.01.2019	140,269	0,001	136,655	0,001	86,0467	0,001	62,7899	0,001	30,1907	0,34782	25,2669	0,29725	12,8005	0,8184	7,78094	0,84045	3,37982	0,82859
21.01.2019	140,358	0,001	136,904	0,001	86,2296	0,001	62,8591	0,001	30,2289	0,3454	25,3181	0,29371	12,8049	0,81807	7,75253	0,84289	3,43286	0,82155
22.01.2019	140,555	0,001	137,101	0,001	86,352	0,001	62,9075	0,001	30,2752	0,34246	25,3423	0,29203	12,8291	0,81626	7,58141	0,85705	3,43307	0,82152
23.01.2019	140,745	0,001	137,352	0,001	86,5273	0,001	62,986	0,001	30,3008	0,34084	25,3815	0,28932	12,8464	0,81497	7,52258	0,86174	3,43832	0,82081
24.01.2019	141,038	0,001	137,515	0,001	86,6835	0,001	62,9979	0,001	30,3226	0,33945	25,431	0,28589	12,8485	0,81482	7,49175	0,8642	3,44793	0,81951
25.01.2019	141,188	0,001	137,773	0,001	86,8302	0,001	63,2015	0,001	30,3683	0,33655	25,47	0,28319	12,8412	0,81536	7,55751	0,85895	3,4748	0,81587
26.01.2019	141,305	0,001	138,007	0,001	86,9489	0,001	63,312	0,001	30,4619	0,33061	25,4407	0,28522	12,8477	0,81488	7,61979	0,85398	3,53307	0,80797
27.01.2019	141,38	0,001	138,204	0,001	87,0933	0,001	63,3397	0,001	30,5469	0,32521	25,4135	0,2871	12,8483	0,81483	7,61631	0,85426	3,5499	0,80569
28.01.2019	141,796	0,001	138,068	0,001	87,3785	0,001	62,9372	0,001	30,5128	0,32738	25,4895	0,28184	12,8303	0,81617	7,19043	0,88702	3,45736	0,81823
29.01.2019	142,003	0,001	138,364	0,001	87,5612	0,001	63,1245	0,001	30,4284	0,33274	25,5586	0,27705	12,8669	0,81345	7,11121	0,89275	3,49618	0,81297
30.01.2019	142,216	0,001	138,44	0,001	87,7524	0,001	63,3057	0,001	30,3795	0,33584	25,6282	0,27223	12,7864	0,81944	7,00085	0,90069	3,47468	0,81588
31.01.2019	142,458	0,001	138,759	0,001	87,9279	0,001	63,5124	0,001	30,4072	0,33408	25,5967	0,27442	12,8088	0,81778	6,9882	0,90154	3,44833	0,81945
1.02.2019	142,759	0,001	138,775	0,001	88,1218	0,001	63,6151	0,001	30,485	0,32914	25,5533	0,27742	12,8194	0,81699	7,10604	0,89313	3,50911	0,81122
2.02.2019	142,993	0,001	139,022	0,001	88,2966	0,001	63,8757	0,001	30,5662	0,32399	25,564	0,27668	12,7916	0,81906	7,18848	0,88716	3,53168	0,80816
3.02.2019	143,25	0,001	139,202	0,001	88,4798	0,001	63,9064	0,001	30,6429	0,31912	25,5905	0,27485	12,8219	0,8168	7,07399	0,89545	3,53117	0,80823
4.02.2019	143,515	0,001	139,505	0,001	88,6505	0,001	64,0839	0,001	30,6852	0,31643	25,6213	0,27272	12,8553	0,81431	7,22852	0,88426	3,61823	0,7969
5.02.2019	143,789	0,001	139,783	0,001	88,8145	0,001	64,2484	0,001	30,823	0,30768	25,6612	0,26995	12,8442	0,81514	7,56504	0,85835	3,67052	0,79076
6.02.2019	144,043	0,001	140,06	0,001	89,0031	0,001	64,3752	0,001	30,895	0,30311	25,6261	0,27238	12,8785	0,81258	7,68636	0,84857	3,71012	0,7861
7.02.2019	144,333	0,001	140,373	0,001	89,1966	0,001	64,3961	0,001	30,6857	0,3164	25,7705	0,26239	12,9461	0,80754	7,49061	0,86429	3,73907	0,7827
8.02.2019	144,609	0,001	140,639	0,001	89,3152	0,001	64,6435	0,001	30,7939	0,30953	25,9405	0,25062	12,7958	0,81874	7,59782	0,85574	3,82431	0,77267
9.02.2019	144,892	0,001	140,939	0,001	89,4901	0,001	64,738	0,001	30,8674	0,30486	26,0226	0,24493	12,8173	0,81714	7,75345	0,84281	3,86239	0,76819
10.02.2019	145,169	0,001	141,376	0,001	89,6572	0,001	64,8634	0,001	30,944	0,3	25,9894	0,24724	12,7372	0,82311	7,96757	0,8244	3,88345	0,76572

11.02.2019	145,51	0,001	141,689	0,001	89,8599	0,001	64,9924	0,001	31,1238	0,28859	25,8919	0,25398	12,8675	0,8134	8,2839	0,79556	3,90268	0,76346
12.02.2019	145,739	0,001	141,966	0,001	90,0333	0,001	65,1559	0,001	31,1436	0,28733	26,1223	0,23803	12,7933	0,81893	8,05355	0,81655	3,91002	0,76259
13.02.2019	146,093	0,001	142,252	0,001	90,2199	0,001	65,2177	0,001	30,9591	0,29904	26,1375	0,23698	12,8664	0,81348	7,85853	0,83379	3,90312	0,76341
14.02.2019	145,99	0,001	142,549	0,001	90,3894	0,001	65,3238	0,001	30,7896	0,3098	26,2225	0,2311	12,8466	0,81496	7,81042	0,83792	3,90548	0,76313
15.02.2019	146,219	0,001	142,754	0,001	90,5154	0,001	65,5329	0,001	30,8383	0,30671	26,1494	0,23616	12,9056	0,81056	8,02976	0,81872	3,93078	0,76015
16.02.2019	146,025	0,001	143,032	0,001	90,6988	0,001	65,6468	0,001	30,7551	0,31199	26,0126	0,24563	12,8588	0,81405	7,91523	0,82893	3,92901	0,76036
17.02.2019	146,212	0,001	143,144	0,001	90,8765	0,001	65,7812	0,001	30,3743	0,33617	25,8405	0,25754	12,9234	0,80924	7,88042	0,83192	3,93457	0,75971
18.02.2019	146,224	0,001	143,173	0,001	91,0716	0,001	65,8935	0,001	30,5138	0,32731	26,0857	0,24057	12,9042	0,81066	7,72676	0,8451	3,95602	0,75718
19.02.2019	146,854	0,001	142,927	0,001	91,1392	0,001	65,7952	0,001	30,6828	0,31658	26,1102	0,23887	12,9569	0,80674	8,1086	0,81152	3,98566	0,7537
20.02.2019	146,897	0,001	143,006	0,001	91,3404	0,001	65,708	0,001	30,8653	0,305	26,2756	0,22742	12,8785	0,81258	8,13007	0,80956	3,99879	0,75216
21.02.2019	147,095	0,001	143,468	0,001	91,5473	0,001	65,9544	0,001	30,8159	0,30813	26,1315	0,2374	12,9642	0,8062	8,00432	0,82104	4,00703	0,75119
22.02.2019	147,347	0,001	143,337	0,001	91,7023	0,001	65,985	0,001	30,6372	0,31948	26,3568	0,2218	13,0072	0,80299	8,15872	0,80694	4,0232	0,74929
23.02.2019	147,48	0,001	142,934	0,001	91,8783	0,001	66,0752	0,001	31,1121	0,28932	26,4567	0,21488	12,9897	0,80429	7,90676	0,82965	4,03166	0,74829
24.02.2019	147,756	0,001	143,245	0,001	92,0632	0,001	66,2925	0,001	30,794	0,30952	26,175	0,23439	13,058	0,79917	7,92092	0,82844	4,04208	0,74707
25.02.2019	147,341	0,001	143,61	0,001	92,1541	0,001	66,3967	0,001	30,683	0,31657	26,1886	0,23344	13,0045	0,80319	7,76578	0,84175	4,05591	0,74544
26.02.2019	147,314	0,001	143,88	0,001	92,3797	0,001	66,5196	0,001	30,6367	0,31951	25,9656	0,24888	13,0438	0,80026	7,60091	0,85549	4,06392	0,7445
27.02.2019	147,602	0,001	143,269	0,001	92,5185	0,001	66,645	0,001	30,6995	0,31552	26,0005	0,24646	13,0629	0,7988	7,74946	0,84315	4,07165	0,74359
28.02.2019	147,802	0,001	142,99	0,001	92,7276	0,001	66,6923	0,001	30,8559	0,30559	25,7796	0,26176	13,0446	0,8002	7,96355	0,82477	4,07789	0,74286
1.03.2019	148,16	0,001	142,799	0,001	92,9081	0,001	66,4727	0,001	31,0131	0,29561	25,6087	0,27359	13,0403	0,80052	8,43719	0,78173	4,0839	0,74215
2.03.2019	148,383	0,001	142,927	0,001	93,0784	0,001	66,4021	0,001	31,1644	0,286	25,6507	0,27068	13,031	0,80122	8,67238	0,7605	4,08937	0,74151
3.03.2019	148,666	0,001	143,395	0,001	93,2362	0,001	66,7518	0,001	31,2275	0,282	25,7966	0,26058	13,075	0,79786	8,58582	0,76831	4,09612	0,74071
4.03.2019	148,959	0,001	143,556	0,001	93,4026	0,001	66,7615	0,001	31,084	0,29111	25,9483	0,25008	13,1466	0,79232	8,77071	0,75163	4,09874	0,7404
5.03.2019	149,514	0,001	142,558	0,001	93,5251	0,001	64,6794	0,001	31,4982	0,26481	26,3995	0,21884	13,1471	0,79229	9,3052	0,70339	4,06043	0,74491
6.03.2019	149,797	0,001	142,544	0,001	93,6281	0,001	64,8217	0,001	31,6762	0,25351	26,1918	0,23322	13,1337	0,79333	9,43835	0,69138	4,03526	0,74787
7.03.2019	150,245	0,001	142,732	0,001	93,8175	0,001	64,7496	0,001	31,7905	0,24625	26,1483	0,23623	13,2058	0,78775	9,55491	0,68086	3,99789	0,75226
8.03.2019	149,857	0,001	143,727	0,001	94,0543	0,001	65,3285	0,001	31,7156	0,25101	26,6867	0,19936	13,2663	0,78307	9,53974	0,68223	3,99322	0,75281
9.03.2019	150,644	0,001	143,79	0,001	94,3004	0,001	64,9678	0,001	31,5122	0,26393	27,3936	0,1697	13,3101	0,77969	9,57202	0,67931	3,97363	0,75511
10.03.2019	150,335	0,001	143,773	0,001	94,2431	0,001	65,204	0,001	31,7057	0,25164	27,875	0,15128	13,3766	0,77455	9,59032	0,67766	3,9906	0,75312
11.03.2019	150,791	0,001	143,498	0,001	94,3471	0,001	65,3114	0,001	31,4444	0,26823	27,868	0,15155	13,4183	0,77133	9,61485	0,67545	4,05204	0,74589
12.03.2019	150,548	0,001	143,146	0,001	94,3964	0,001	65,2971	0,001	32,0483	0,22988	27,9512	0,14857	13,4546	0,76852	9,57885	0,6787	4,0309	0,74838
13.03.2019	150,505	0,001	143,266	0,001	94,5279	0,001	65,6793	0,001	31,8058	0,24528	27,9496	0,14863	13,464	0,76779	9,62043	0,67494	4,05817	0,74517
14.03.2019	150,561	0,001	143,288	0,001	94,7116	0,001	65,8014	0,001	31,5638	0,26065	28,0106	0,14659	13,4554	0,76846	9,64333	0,67288	4,06776	0,74405
15.03.2019	150,145	0,001	143,142	0,001	94,8295	0,001	65,878	0,001	31,3738	0,27271	28,3313	0,13587	13,4838	0,76626	9,6717	0,67032	4,04996	0,74614
16.03.2019	150,925	0,001	143,147	0,001	94,8275	0,001	65,5868	0,001	31,5346	0,2625	28,4322	0,1325	13,5641	0,76005	9,52035	0,68398	4,01175	0,75063
17.03.2019	150,263	0,001	143,097	0,001	94,9085	0,001	65,8989	0,001	31,5202	0,26342	27,9342	0,14914	13,5581	0,76052	9,6023	0,67658	4,02724	0,74881
18.03.2019	150,515	0,001	143,536	0,001	94,9695	0,001	66,0435	0,001	31,3906	0,27165	27,8676	0,15156	13,6425	0,754	9,61735	0,67522	4,04437	0,7468
19.03.2019	150,138	0,001	143,276	0,001	95,2087	0,001	66,0739	0,001	31,3462	0,27446	28,1293	0,14262	13,6335	0,75469	9,618	0,67516	4,05861	0,74512
20.03.2019	150,181	0,001	143,283	0,001	95,3789	0,001	66,2909	0,001	31,119	0,28889	27,7796	0,15493	13,5709	0,75953	9,71885	0,66606	4,08321	0,74223
21.03.2019	149,813	0,001	142,948	0,001	95,5517	0,001	66,2465	0,001	30,9042	0,30253	26,9257	0,18912	13,5207	0,76341	9,84722	0,65448	4,13502	0,73614
22.03.2019	150,31	0,001	142,745	0,001	95,4944	0,001	66,4592	0,001	31,0587	0,29272	26,8691	0,19154	13,6106	0,75646	9,75238	0,66304	4,11889	0,73803

23.03.2019	150,066	0,001	142,647	0,001	95,3282	0,001	66,6344	0,001	31,1873	0,28455	26,0456	0,24335	13,5936	0,75778	9,79102	0,65955	4,1065	0,73949
24.03.2019	150,829	0,001	143,108	0,001	95,4838	0,001	66,322	0,001	31,5429	0,26198	25,9468	0,25018	13,8124	0,74086	9,33872	0,70037	4,06848	0,74396
25.03.2019	150,928	0,001	142,739	0,001	95,6577	0,001	66,8764	0,001	31,6484	0,25528	25,6224	0,27264	13,7638	0,74462	9,48351	0,6873	4,0632	0,74458
26.03.2019	151,154	0,001	143,611	0,001	95,9636	0,001	67,0967	0,001	31,3184	0,27623	25,4636	0,28363	13,8104	0,74102	9,63093	0,674	4,05473	0,74558
27.03.2019	151,352	0,001	143,31	0,001	96,1241	0,001	66,9876	0,001	31,4129	0,27023	26,5809	0,20628	13,7879	0,74276	9,71877	0,66607	4,00212	0,75176
28.03.2019	151,791	0,001	143,515	0,001	96,1653	0,001	67,0846	0,001	31,2373	0,28138	26,5406	0,20908	13,8576	0,73737	9,71792	0,66615	3,9855	0,75372
29.03.2019	151,756	0,001	143,163	0,001	96,3679	0,001	67,2019	0,001	31,2722	0,27916	25,3434	0,29195	13,8236	0,74	9,79997	0,65874	4,0256	0,749
30.03.2019	151,96	0,001	143,362	0,001	96,47	0,001	67,3061	0,001	31,3676	0,27311	24,8792	0,32409	13,9119	0,73317	9,67848	0,66971	4,01153	0,75066
31.03.2019	152,285	0,001	143,312	0,001	96,6193	0,001	67,2977	0,001	31,4127	0,27024	24,8893	0,32339	13,9753	0,72827	9,596	0,67715	3,98739	0,7535
1.04.2019	152,589	0,001	143,861	0,001	96,8819	0,001	67,3496	0,001	31,0964	0,29032	24,5613	0,3461	14,1711	0,71314	9,4784	0,68776	3,86386	0,76802
2.04.2019	152,728	0,001	143,788	0,001	97,1284	0,001	66,8175	0,001	31,2461	0,28082	25,9388	0,25074	14,1769	0,71269	9,30367	0,70353	3,70024	0,78726
3.04.2019	150,945	0,001	143,557	0,001	97,294	0,001	67,2628	0,001	31,2321	0,28171	25,6227	0,27262	14,1636	0,71372	9,66502	0,67092	3,67593	0,79012
4.04.2019	151,634	0,001	143,922	0,001	97,2361	0,001	67,2287	0,001	31,2485	0,28067	26,2076	0,23213	14,3076	0,70259	9,48157	0,68748	3,6182	0,79691
5.04.2019	150,976	0,001	143,1	0,001	97,3818	0,001	66,9959	0,001	31,3391	0,27491	27,2439	0,17549	14,3018	0,70304	9,43873	0,69134	3,51432	0,81051
6.04.2019	151,42	0,001	143,293	0,001	97,4899	0,001	67,2641	0,001	31,4203	0,26976	26,803	0,19437	14,2958	0,7035	9,53994	0,68221	3,55027	0,80564
7.04.2019	151,677	0,001	142,607	0,001	97,6547	0,001	67,2498	0,001	31,4907	0,26529	26,2173	0,23145	14,3297	0,70088	9,55262	0,68106	3,59979	0,79907
8.04.2019	151,953	0,001	141,745	0,001	97,6841	0,001	66,7553	0,001	31,5506	0,26148	24,9575	0,31867	14,2903	0,70393	9,88713	0,65088	3,71234	0,78584
9.04.2019	152,206	0,001	141,855	0,001	97,8928	0,001	67,286	0,001	31,5973	0,25852	24,4232	0,35566	14,3437	0,6998	9,86555	0,65282	3,74599	0,78188
10.04.2019	152,492	0,001	140,1	0,001	97,9748	0,001	67,1962	0,001	31,6744	0,25362	24,1695	0,37322	14,1988	0,711	10,0474	0,63642	3,83435	0,77149
11.04.2019	152,471	0,001	140,354	0,001	98,1622	0,001	66,9244	0,001	31,7047	0,2517	22,3986	0,49581	14,2623	0,70609	10,0637	0,63494	3,9471	0,75823
12.04.2019	152,769	0,001	139,851	0,001	98,3726	0,001	67,5764	0,001	31,7625	0,24803	22,5381	0,48616	14,3333	0,7006	9,94025	0,64608	3,89226	0,76468
13.04.2019	152,915	0,001	140,25	0,001	98,5521	0,001	67,7011	0,001	31,8225	0,24422	22,0597	0,51927	14,4112	0,69458	9,87747	0,65175	3,83572	0,77133
14.04.2019	153,068	0,001	140,385	0,001	98,712	0,001	67,8955	0,001	31,8612	0,24177	22,2102	0,50885	14,3927	0,69601	9,81271	0,65759	3,75968	0,78027
15.04.2019	153,606	0,001	140,49	0,001	98,8399	0,001	68,0044	0,001	31,9161	0,23828	21,8261	0,53544	14,5134	0,68668	9,7824	0,66033	3,73753	0,78288
16.04.2019	153,611	0,001	140,651	0,001	99,0018	0,001	68,1186	0,001	31,9713	0,23478	22,1771	0,51115	14,5448	0,68426	9,7578	0,66255	3,678	0,78988
17.04.2019	153,913	0,001	140,861	0,001	99,1737	0,001	68,2418	0,001	32,0334	0,23083	21,8868	0,53124	14,5937	0,68048	9,79827	0,6589	3,69036	0,78842
18.04.2019	153,05	0,001	141,531	0,001	99,3385	0,001	67,4706	0,001	32,0619	0,22902	23,3161	0,4323	14,652	0,67597	9,19619	0,71323	3,49741	0,8128
19.04.2019	152,45	0,001	141,997	0,001	99,4521	0,001	66,5121	0,001	31,9667	0,23507	25,1426	0,30586	14,7116	0,67137	8,46938	0,77882	3,21803	0,84964
20.04.2019	152,222	0,001	142,447	0,001	99,7113	0,001	67,0384	0,001	31,9023	0,23915	25,2779	0,29649	14,7353	0,66953	8,37533	0,78731	3,13139	0,86037
21.04.2019	153,22	0,001	142,756	0,001	99,8816	0,001	67,3536	0,001	32,0892	0,22729	25,0152	0,31467	14,7616	0,6675	8,59771	0,76724	3,17819	0,85459
22.04.2019	153,404	0,001	143,124	0,001	100,123	0,001	67,3948	0,001	32,1441	0,2238	25,629	0,27218	14,7818	0,66594	8,80846	0,74822	3,15194	0,85783
23.04.2019	153,653	0,001	143,092	0,001	100,325	0,001	67,6321	0,001	32,2558	0,21671	24,4507	0,35375	14,806	0,66407	9,16978	0,71561	3,31288	0,8373
24.04.2019	154,001	0,001	143,24	0,001	100,539	0,001	67,8675	0,001	32,0994	0,22664	23,522	0,41805	14,8288	0,66231	8,81466	0,74766	3,30352	0,83852
25.04.2019	154,09	0,001	142,887	0,001	100,721	0,001	67,8623	0,001	32,1956	0,22053	21,6117	0,55029	14,853	0,66043	9,04073	0,72726	3,36227	0,83087
26.04.2019	154,373	0,001	143,23	0,001	100,9	0,001	68,0148	0,001	32,1529	0,22325	21,2625	0,57446	14,8506	0,66062	8,87392	0,74231	3,29179	0,84005
27.04.2019	154,718	0,001	143,072	0,001	101,072	0,001	68,1267	0,001	32,0924	0,22709	19,9608	0,66457	14,8222	0,66281	9,03362	0,7279	3,37464	0,82926
28.04.2019	154,299	0,001	143,585	0,001	101,242	0,001	68,2021	0,001	32,1148	0,22566	20,0473	0,65858	14,8975	0,65699	8,82475	0,74675	3,34455	0,83318
29.04.2019	154,681	0,001	143,416	0,001	101,423	0,001	68,3564	0,001	32,2873	0,21471	18,6147	0,75776	14,8283	0,66234	9,10785	0,7212	3,49114	0,81365
30.04.2019	154,962	0,001	143,806	0,001	101,591	0,001	68,449	0,001	32,3782	0,20894	18,5181	0,76445	14,8126	0,66356	9,15837	0,71664	3,40455	0,82537
1.05.2019	155,219	0,001	143,848	0,001	101,764	0,001	68,5861	0,001	32,4364	0,20524	18,2049	0,78613	14,8628	0,65968	9,17509	0,71513	3,45096	0,8191

2.05.2019	155,365	0,001	144,166	0,001	101,908	0,001	68,3647	0,001	32,4826	0,20231	19,0476	0,72779	15,0043	0,64874	8,67795	0,76	3,27544	0,84217
3.05.2019	155,606	0,001	144,21	0,001	102,052	0,001	68,5146	0,001	32,4405	0,20498	18,9752	0,7328	15,024	0,64722	8,77781	0,75099	3,24539	0,84608
4.05.2019	155,866	0,001	144,543	0,001	101,978	0,001	68,9881	0,001	32,5377	0,19925	17,9813	0,8015	15,0439	0,64568	8,94148	0,73622	3,33507	0,83441
5.05.2019	156,111	0,001	144,704	0,001	102,12	0,001	69,0564	0,001	32,5931	0,19704	18,2758	0,78122	15,0914	0,64201	8,88092	0,74168	3,32829	0,8353
6.05.2019	156,227	0,001	144,916	0,001	102,308	0,001	69,3769	0,001	32,6892	0,19319	17,29	0,84482	15,1199	0,63981	9,08837	0,72296	3,37241	0,82955
7.05.2019	156,512	0,001	144,968	0,001	102,409	0,001	69,2405	0,001	32,8508	0,18673	15,6392	0,92594	14,8945	0,65722	9,47867	0,68774	3,50105	0,81231
8.05.2019	156,733	0,001	145,046	0,001	102,569	0,001	69,4173	0,001	32,9893	0,18119	15,2766	0,93909	14,5522	0,68368	9,49105	0,68662	3,50918	0,81121
9.05.2019	157,171	0,001	144,825	0,001	102,443	0,001	69,08	0,001	33,1502	0,17478	15,2515	0,93996	12,6748	0,82759	9,94161	0,64596	3,74741	0,78171
10.05.2019	157,46	0,001	145,296	0,001	102,217	0,001	69,5871	0,001	33,2598	0,17087	15,2327	0,94058	12,4714	0,8418	9,71441	0,66646	3,54815	0,80593
11.05.2019	157,678	0,001	145,07	0,001	101,985	0,001	69,7123	0,001	33,0187	0,18001	15,2557	0,93981	13,0703	0,79822	9,61797	0,67517	3,60326	0,79866
12.05.2019	157,922	0,001	145,12	0,001	102,005	0,001	69,8096	0,001	33,2635	0,17073	15,2447	0,94018	12,2029	0,85966	9,48474	0,68719	3,4695	0,81658
13.05.2019	157,316	0,001	145,365	0,001	98,5353	0,001	69,6131	0,001	32,9819	0,18148	15,4371	0,93347	13,7176	0,74819	9,05274	0,72618	3,41325	0,82421
14.05.2019	157,853	0,001	144,913	0,001	99,6735	0,001	69,8091	0,001	33,073	0,17784	15,4419	0,93329	13,1985	0,78831	9,21213	0,71179	3,25191	0,84524
15.05.2019	153,468	0,001	141,194	0,001	100,339	0,001	68,3743	0,001	32,7247	0,19177	15,5778	0,92827	14,5941	0,68044	8,9759	0,73311	3,16191	0,8566
16.05.2019	151,213	0,001	142,251	0,001	101,784	0,001	68,7864	0,001	32,085	0,22756	15,5681	0,92864	14,3606	0,69849	8,99183	0,73167	3,24906	0,84561
17.05.2019	151,156	0,001	138,219	0,001	101,576	0,001	69,2273	0,001	32,3756	0,2091	15,5354	0,92989	14,6786	0,67391	9,12502	0,71965	3,20789	0,85092
18.05.2019	150,834	0,001	136,616	0,001	101,722	0,001	68,3277	0,001	33,8107	0,15118	17,3596	0,84061	15,0378	0,64615	8,62166	0,76508	3,00277	0,87617
19.05.2019	150,806	0,001	136,299	0,001	101,091	0,001	68,321	0,001	33,5671	0,15989	17,5616	0,8284	15,2216	0,63194	8,70582	0,75748	3,03521	0,87225
20.05.2019	151,741	0,001	135,773	0,001	100,308	0,001	68,4642	0,001	33,4073	0,16559	17,5314	0,83023	14,9764	0,6509	8,579	0,76893	2,94958	0,88226
21.05.2019	151,815	0,001	135,644	0,001	100,137	0,001	67,109	0,001	33,0039	0,18061	19,5633	0,69209	15,1967	0,63387	8,16095	0,80674	2,87603	0,89068
22.05.2019	152,11	0,001	135,705	0,001	100,524	0,001	67,7796	0,001	33,4476	0,16415	19,5174	0,69527	15,1713	0,63584	8,31629	0,79264	2,80286	0,89905
23.05.2019	152,57	0,001	135,283	0,001	99,4804	0,001	68,0263	0,001	33,6941	0,15535	19,2711	0,71232	15,1648	0,63633	8,4408	0,7814	2,81566	0,89759
24.05.2019	152,986	0,001	136,199	0,001	100,649	0,001	67,0216	0,001	34,2147	0,13838	21,2781	0,57338	15,2999	0,62589	8,47338	0,77846	2,73319	0,9066
25.05.2019	153,243	0,001	135,93	0,001	100,437	0,001	66,5187	0,001	36,0186	0,08997	22,3071	0,50215	15,2957	0,62622	8,27474	0,79639	2,73021	0,90691
26.05.2019	153,343	0,001	136,03	0,001	99,6873	0,001	67,1591	0,001	35,0294	0,1147	20,7483	0,61006	15,3188	0,62443	8,81436	0,74769	2,73276	0,90664
27.05.2019	153,517	0,001	136,256	0,001	99,6632	0,001	67,0403	0,001	34,8097	0,12054	20,5556	0,6234	15,3436	0,62251	9,6582	0,67154	2,73479	0,90643
28.05.2019	153,891	0,001	136,642	0,001	99,451	0,001	67,0054	0,001	35,1357	0,11187	20,2621	0,64371	15,3595	0,62129	9,75636	0,66268	2,75115	0,90469
29.05.2019	154,088	0,001	136,882	0,001	100,145	0,001	67,0958	0,001	33,8284	0,15055	20,9921	0,59318	15,3531	0,62178	9,49105	0,68662	2,74797	0,90503
30.05.2019	154,479	0,001	137,105	0,001	100,062	0,001	67,0793	0,001	34,3065	0,1355	18,6082	0,75821	15,4378	0,61523	9,44524	0,69076	2,76137	0,90359
31.05.2019	154,139	0,001	137,337	0,001	99,0187	0,001	67,3718	0,001	34,1393	0,14075	18,3437	0,77652	15,3758	0,62003	9,90561	0,64921	2,76993	0,90266
1.06.2019	154,681	0,001	137,465	0,001	100,212	0,001	67,3519	0,001	33,914	0,1478	18,3749	0,77436	15,4543	0,61396	9,66952	0,67052	2,74923	0,9049
2.06.2019	154,537	0,001	137,576	0,001	100,111	0,001	67,4357	0,001	33,0565	0,1785	17,6661	0,82188	15,4665	0,61302	9,52714	0,68336	2,75501	0,90428
3.06.2019	154,967	0,001	137,847	0,001	100,718	0,001	67,1339	0,001	32,3373	0,21153	16,0559	0,90874	15,2005	0,63357	9,29811	0,70403	2,8064	0,89865
4.06.2019	154,817	0,001	138,031	0,001	100,508	0,001	66,8876	0,001	33,1387	0,17521	15,6298	0,9263	14,3662	0,69806	9,45182	0,69016	2,86139	0,89235
5.06.2019	154,699	0,001	138,125	0,001	100,891	0,001	67,5625	0,001	33,1018	0,17669	16,1785	0,90326	15,0258	0,64708	9,21417	0,71161	2,84101	0,89469
6.06.2019	154,936	0,001	138,532	0,001	101,205	0,001	67,6729	0,001	33,335	0,16818	16,5209	0,88655	14,7099	0,6715	9,18319	0,7144	2,81145	0,89807
7.06.2019	155,179	0,001	138,82	0,001	101,016	0,001	67,5583	0,001	33,1755	0,17387	16,5012	0,88753	14,6834	0,67354	9,18927	0,71385	2,82927	0,89603
8.06.2019	155,286	0,001	138,824	0,001	101,462	0,001	67,7133	0,001	32,8697	0,18597	16,9446	0,86442	14,634	0,67736	9,04901	0,72651	2,82754	0,89623
9.06.2019	155,604	0,001	138,992	0,001	101,353	0,001	67,8024	0,001	33,1781	0,17378	16,5716	0,88404	14,6107	0,67917	9,22744	0,71041	2,87129	0,89122
10.06.2019	155,893	0,001	138,759	0,001	101,673	0,001	68,0839	0,001	33,2026	0,17291	17,5597	0,82852	14,6549	0,67574	9,11961	0,72014	2,82919	0,89604

11.06.2019	156,111	0,001	138,376	0,001	101,731	0,001	68,1636	0,001	33,3809	0,16654	17,8274	0,81145	14,6249	0,67807	9,14306	0,71803	2,81233	0,89797
12.06.2019	156,391	0,001	139,259	0,001	101,9	0,001	68,4564	0,001	33,3346	0,16819	18,7843	0,74601	15,0348	0,64639	8,59373	0,7676	2,78863	0,90065
13.06.2019	156,626	0,001	139,352	0,001	102,106	0,001	68,4572	0,001	33,424	0,165	19,0158	0,72999	15,258	0,62913	8,54578	0,77193	2,79311	0,90016
14.06.2019	156,917	0,001	139,547	0,001	102,448	0,001	67,9218	0,001	33,4212	0,1651	17,6934	0,82012	15,1544	0,63714	8,84974	0,7445	2,8339	0,8955
15.06.2019	157,223	0,001	139,592	0,001	102,609	0,001	68,4545	0,001	33,1296	0,17558	17,4806	0,8333	15,0828	0,64268	9,15815	0,71666	2,83845	0,89498
16.06.2019	157,456	0,001	139,812	0,001	102,467	0,001	68,4755	0,001	32,8688	0,18601	17,1391	0,85362	15,1526	0,63728	9,35358	0,69903	2,85869	0,89266
17.06.2019	157,864	0,001	140,498	0,001	102,672	0,001	69,1782	0,001	33,0182	0,18003	17,8094	0,81262	15,4335	0,61557	8,80788	0,74827	2,83553	0,89531
18.06.2019	158,091	0,001	140,703	0,001	103,289	0,001	69,2854	0,001	33,1029	0,17664	17,95	0,80352	15,5084	0,60978	8,67292	0,76045	2,83603	0,89526
19.06.2019	158,394	0,001	140,833	0,001	102,673	0,001	69,4655	0,001	33,1892	0,17339	18,1805	0,78782	15,6155	0,6015	8,49138	0,77684	2,84414	0,89433
20.06.2019	158,629	0,001	141,134	0,001	102,464	0,001	69,7036	0,001	33,2601	0,17085	18,8689	0,74016	15,7164	0,5937	8,3501	0,78959	2,88386	0,88978
21.06.2019	158,865	0,001	140,529	0,001	101,268	0,001	69,7261	0,001	33,3195	0,16873	19,7224	0,68108	15,7555	0,59068	8,18789	0,80428	2,96019	0,88104
22.06.2019	159,415	0,001	140,779	0,001	99,7789	0,001	69,7454	0,001	33,3585	0,16734	18,5383	0,76305	15,7863	0,5883	8,49654	0,77637	2,96307	0,88072
23.06.2019	159,687	0,001	140,625	0,001	98,8484	0,001	69,6985	0,001	33,4664	0,16348	17,8068	0,81278	15,7773	0,589	8,45044	0,78053	2,96139	0,88091
24.06.2019	159,953	0,001	141,033	0,001	97,8638	0,001	69,837	0,001	33,7094	0,15481	18,1522	0,78978	15,7009	0,5949	8,50679	0,77545	3,01405	0,87487
25.06.2019	160,201	0,001	141,586	0,001	95,6447	0,001	69,5092	0,001	34,1861	0,13928	17,2237	0,84883	14,903	0,65657	8,49366	0,77663	3,04108	0,87153
26.06.2019	160,382	0,001	141,525	0,001	93,6997	0,001	68,7783	0,001	31,6046	0,25806	16,4718	0,88899	14,2837	0,70444	7,56457	0,85839	2,88495	0,88966
27.06.2019	160,882	0,001	140,276	0,001	95,0201	0,001	69,145	0,001	33,5991	0,15874	17,0905	0,85632	13,2796	0,78204	7,65827	0,85091	2,98767	0,8779
28.06.2019	160,563	0,001	141,133	0,001	90,9232	0,001	68,9371	0,001	32,9431	0,18304	16,9248	0,86551	13,4156	0,77154	7,43575	0,86867	2,85707	0,89285
29.06.2019	160,624	0,001	140,654	0,001	100,669	0,001	69,7315	0,001	31,2728	0,27912	16,2864	0,89819	13,7814	0,74326	7,73915	0,84404	3,06617	0,86843
30.06.2019	160,462	0,001	138,504	0,001	95,5999	0,001	69,4852	0,001	31,7261	0,25034	16,289	0,89805	12,2696	0,85539	7,44221	0,86815	2,83306	0,8956
1.07.2019	160,72	0,001	138,116	0,001	97,0157	0,001	69,8148	0,001	31,8359	0,24337	16,2428	0,90032	12,5209	0,83834	7,63089	0,8531	2,87984	0,89024
2.07.2019	160,904	0,001	139,06	0,001	94,6631	0,001	69,8458	0,001	33,6383	0,15734	16,3364	0,8957	12,1319	0,86421	7,6352	0,85275	2,87833	0,89042
3.07.2019	272,595	0,001	158,846	0,001	84,7775	0,001	63,6203	0,001	40,9452	0,02454	16,8832	0,86782	11,437	0,90497	7,38505	0,87271	3,0046	0,87596
4.07.2019	161,178	0,001	138,501	0,001	92,9321	0,001	70,4604	0,001	32,1531	0,22323	16,3934	0,89288	12,2989	0,85352	7,29152	0,8797	2,87	0,89137
5.07.2019	273,817	0,001	159,244	0,001	84,7533	0,001	62,5603	0,001	41,2679	0,02248	16,8435	0,87002	11,5778	0,89725	7,41803	0,87008	3,01457	0,87481
6.07.2019	161,697	0,001	138,342	0,001	92,2293	0,001	70,3586	0,001	32,4621	0,20361	16,4426	0,89044	11,9257	0,87717	7,24577	0,88301	2,88898	0,8892
7.07.2019	161,956	0,001	136,865	0,001	89,4878	0,001	70,5315	0,001	33,3881	0,16628	16,4326	0,89093	12,0056	0,8723	7,23941	0,88347	2,96034	0,88103
8.07.2019	162,206	0,001	137,983	0,001	86,7846	0,001	70,3329	0,001	33,5318	0,16115	16,4508	0,89003	11,9406	0,87631	7,11464	0,8925	2,95112	0,88208
9.07.2019	162,314	0,001	138,034	0,001	86,572	0,001	70,0217	0,001	33,1174	0,17607	16,4759	0,88878	11,411	0,90632	6,89184	0,90793	2,92043	0,8856
10.07.2019	162,588	0,001	137,356	0,001	86,5572	0,001	69,9583	0,001	32,5403	0,19915	16,5008	0,88755	11,2492	0,91454	6,63932	0,92357	2,84557	0,89417
11.07.2019	162,814	0,001	137,584	0,001	87,4808	0,001	69,8878	0,001	33,4208	0,16511	16,5268	0,88626	10,8656	0,93219	6,61215	0,92517	2,83863	0,89496
12.07.2019	163,068	0,001	135,963	0,001	86,5674	0,001	70,2854	0,001	32,3173	0,2128	16,5523	0,885	11,7345	0,8882	6,7072	0,91953	2,8535	0,89326
13.07.2019	163,38	0,001	133,342	0,001	88,2707	0,001	70,6608	0,001	30,4953	0,32849	16,5594	0,88464	11,6981	0,8903	6,57411	0,92734	2,83956	0,89485
14.07.2019	277,74	0,001	159,389	0,001	78,4576	0,001	63,2726	0,001	40,255	0,02973	16,7449	0,87544	11,0498	0,92403	6,83142	0,91181	3,0979	0,86451
15.07.2019	278,241	0,001	160,986	0,001	78,9053	0,001	64,2595	0,001	38,3475	0,04979	17,2524	0,8471	11,0761	0,92281	6,60553	0,92555	3,29669	0,83941
16.07.2019	164,193	0,001	134,229	0,001	88,8809	0,001	70,0697	0,001	32,0224	0,23153	16,6797	0,87867	10,325	0,9528	6,43765	0,93489	2,97624	0,87921
17.07.2019	164,554	0,001	134,444	0,001	86,5838	0,001	70,3541	0,001	32,8566	0,18649	16,6975	0,87779	10,7632	0,93648	6,63076	0,92408	2,89669	0,88831
18.07.2019	280,853	0,001	161,057	0,001	79,5129	0,001	64,7056	0,001	39,5221	0,0364	17,4289	0,83643	11,0785	0,9227	6,82655	0,91212	3,15685	0,85722
19.07.2019	281,268	0,001	160,715	0,001	79,3263	0,001	64,501	0,001	39,3408	0,03824	17,1575	0,8526	11,0509	0,92398	6,7472	0,91707	3,14388	0,85883
20.07.2019	281,557	0,001	161,222	0,001	79,5157	0,001	63,0213	0,001	38,9277	0,04273	17,3117	0,84351	11,3973	0,90703	6,7682	0,91579	3,14771	0,85835

21.07.2019	282,135	0,001	161,179	0,001	79,8246	0,001	63,2172	0,001	38,3555	0,04969	17,389	0,83884	11,3696	0,90847	6,84568	0,91091	3,15817	0,85706
22.07.2019	282,556	0,001	160,88	0,001	79,7723	0,001	62,9896	0,001	38,0346	0,05407	17,4599	0,83455	11,4471	0,90443	6,77462	0,91539	3,17498	0,85498
23.07.2019	283,042	0,001	161,161	0,001	79,8157	0,001	63,2282	0,001	38,2074	0,0517	17,5173	0,83108	11,3528	0,90934	6,86777	0,90949	3,20399	0,8514
24.07.2019	283,461	0,001	161,438	0,001	79,7687	0,001	63,2017	0,001	38,5358	0,04742	17,5932	0,82649	11,2523	0,91439	7,06598	0,89603	3,2223	0,84909
25.07.2019	166,019	0,001	131,733	0,001	84,4895	0,001	71,3234	0,001	31,8061	0,24526	17,0009	0,86129	11,0672	0,92322	6,89903	0,90746	2,90538	0,88732
26.07.2019	166,273	0,001	131,59	0,001	84,7179	0,001	71,4911	0,001	31,5762	0,25986	17,0478	0,85869	11,0447	0,92427	6,8891	0,90811	2,91138	0,88663
27.07.2019	166,458	0,001	131,763	0,001	85,0351	0,001	71,5854	0,001	31,7465	0,24905	17,0536	0,85837	10,9588	0,92813	6,71891	0,91881	2,9248	0,8851
28.07.2019	166,738	0,001	132,008	0,001	85,1516	0,001	71,6873	0,001	31,8342	0,24348	17,105	0,85552	10,9524	0,92842	6,6346	0,92385	2,93097	0,88439
29.07.2019	166,937	0,001	132,243	0,001	85,5077	0,001	71,7968	0,001	31,9766	0,23444	17,1299	0,85413	10,8425	0,93318	6,59327	0,92625	2,93966	0,8834
30.07.2019	167,2	0,001	132,516	0,001	85,105	0,001	71,909	0,001	32,1937	0,22066	17,1011	0,85573	10,8	0,93499	6,53674	0,92947	2,94526	0,88275
31.07.2019	167,419	0,001	132,842	0,001	85,1162	0,001	72,0193	0,001	32,2603	0,21643	17,1134	0,85505	10,8606	0,9324	6,59772	0,926	2,93845	0,88353
1.08.2019	167,634	0,001	133,03	0,001	84,5469	0,001	72,1141	0,001	32,2229	0,2188	16,971	0,86295	11,0942	0,92197	6,56957	0,9276	2,93852	0,88353
2.08.2019	167,89	0,001	133,191	0,001	84,3536	0,001	72,2639	0,001	32,3573	0,21027	16,8638	0,8689	10,9935	0,92658	6,37856	0,93799	2,94653	0,88261
3.08.2019	168,135	0,001	133,385	0,001	83,807	0,001	72,3527	0,001	32,429	0,20572	16,739	0,87573	10,9079	0,93039	6,33003	0,9405	2,95236	0,88194
4.08.2019	168,411	0,001	133,62	0,001	83,1689	0,001	72,3822	0,001	32,5853	0,19735	16,4948	0,88785	10,8498	0,93287	6,2849	0,94274	2,95553	0,88158
5.08.2019	168,52	0,001	133,9	0,001	82,6057	0,001	72,4485	0,001	32,6004	0,19675	16,5388	0,88566	10,8487	0,93291	6,19499	0,94708	2,9665	0,88032
6.08.2019	168,809	0,001	134,013	0,001	82,3804	0,001	72,577	0,001	32,7993	0,18879	16,3359	0,89573	10,807	0,93469	6,08686	0,95201	2,9629	0,88073
7.08.2019	168,991	0,001	134,238	0,001	79,7955	0,001	72,6457	0,001	32,5201	0,19995	16,1072	0,90647	11,1738	0,9182	6,07011	0,95275	2,96716	0,88025
8.08.2019	169,257	0,001	133,913	0,001	79,6786	0,001	72,8612	0,001	32,0707	0,22846	15,9678	0,91256	11,4475	0,90441	6,18645	0,94748	2,97845	0,87896
9.08.2019	169,514	0,001	134,387	0,001	78,8218	0,001	72,8835	0,001	31,5058	0,26433	16,0715	0,90805	11,3327	0,91037	5,99323	0,95604	2,97393	0,87947
10.08.2019	169,911	0,001	134,128	0,001	78,7595	0,001	73,1198	0,001	32,0372	0,23059	16,1099	0,90635	11,1521	0,91925	6,20043	0,94682	2,97846	0,87895
11.08.2019	169,893	0,001	134,327	0,001	78,4775	0,001	73,2318	0,001	31,8695	0,24124	16,18	0,90319	11,2496	0,91452	6,3642	0,93874	2,98132	0,87863
12.08.2019	170,119	0,001	133,615	0,001	78,3688	0,001	73,3219	0,001	30,9281	0,30101	16,2515	0,89992	11,2755	0,91323	6,33732	0,94014	2,9856	0,87814
13.08.2019	170,174	0,001	132,997	0,001	79,2796	0,001	73,3345	0,001	30,0327	0,35786	16,3921	0,89294	11,1891	0,91746	6,30391	0,94179	2,99936	0,87656
14.08.2019	170,404	0,001	133,044	0,001	79,8458	0,001	73,6193	0,001	31,1712	0,28557	16,4176	0,89167	10,8628	0,93231	6,25166	0,94438	3,02275	0,8738
15.08.2019	170,262	0,001	133,162	0,001	79,4149	0,001	73,6979	0,001	31,1136	0,28923	16,4523	0,88996	11,1271	0,92044	6,32448	0,94077	3,02322	0,87374
16.08.2019	170,35	0,001	133,556	0,001	79,5554	0,001	73,796	0,001	30,9609	0,29893	16,4908	0,88805	11,08	0,92263	6,25847	0,94405	3,04015	0,87164
17.08.2019	170,625	0,001	133,42	0,001	78,9414	0,001	73,8817	0,001	31,1878	0,28452	16,4698	0,88909	11,0604	0,92354	6,12397	0,95038	3,05125	0,87027
18.08.2019	170,867	0,001	133,706	0,001	78,8565	0,001	73,9692	0,001	31,5447	0,26186	16,4443	0,89035	11,0569	0,9237	6,13328	0,94997	3,04376	0,8712
19.08.2019	171,112	0,001	133,687	0,001	78,6649	0,001	74,0831	0,001	31,2915	0,27794	16,3408	0,89549	11,1725	0,91826	6,07208	0,95266	3,04794	0,87068
20.08.2019	171,354	0,001	133,711	0,001	79,2363	0,001	74,2148	0,001	30,8504	0,30594	16,5072	0,88723	11,055	0,92379	6,01734	0,95506	3,05875	0,86935
21.08.2019	171,62	0,001	133,52	0,001	79,446	0,001	74,2018	0,001	31,2541	0,28031	16,5783	0,8837	10,9266	0,92957	6,02278	0,95482	3,06621	0,86842
22.08.2019	171,836	0,001	133,772	0,001	79,2766	0,001	74,1993	0,001	31,4777	0,26611	16,602	0,88253	10,9084	0,93037	6,05265	0,95351	3,06891	0,86809
23.08.2019	171,988	0,001	133,678	0,001	79,7671	0,001	74,4152	0,001	31,2285	0,28193	16,7172	0,87682	10,8753	0,93178	6,04996	0,95363	3,07411	0,86745
24.08.2019	172,202	0,001	133,558	0,001	79,7363	0,001	74,4645	0,001	31,3949	0,27137	16,7308	0,87614	10,7607	0,93659	5,94929	0,95785	3,0869	0,86587
25.08.2019	172,448	0,001	133,809	0,001	79,7915	0,001	74,6799	0,001	31,655	0,25486	16,7318	0,87609	10,7495	0,93704	5,96186	0,95733	3,09498	0,86487
26.08.2019	172,667	0,001	134,162	0,001	80,0899	0,001	74,7534	0,001	31,595	0,25866	16,8054	0,87213	10,7682	0,93628	5,92385	0,95889	3,10114	0,86411
27.08.2019	172,888	0,001	134,096	0,001	80,2905	0,001	74,7389	0,001	31,4313	0,26906	16,9539	0,8639	10,7096	0,93866	5,87349	0,96088	3,11152	0,86282
28.08.2019	173,07	0,001	134,317	0,001	80,8003	0,001	74,9879	0,001	31,7054	0,25165	17,1026	0,85565	10,4608	0,94809	5,76392	0,96501	3,13769	0,85959
29.08.2019	173,155	0,001	134,569	0,001	81,1475	0,001	75,096	0,001	32,0247	0,23138	17,2315	0,84836	10,1993	0,95691	5,65688	0,96869	3,15732	0,85717

30.08.2019	173,211	0,001	134,623	0,001	81,0462	0,001	75,1607	0,001	32,0454	0,23007	17,2559	0,84689	10,274	0,95453	5,67903	0,96793	3,16074	0,85674
31.08.2019	173,245	0,001	134,798	0,001	81,2565	0,001	75,2978	0,001	32,2225	0,21882	17,3211	0,84294	10,0939	0,9602	5,51698	0,97313	3,17213	0,85534
1.09.2019	173,518	0,001	135,018	0,001	80,9256	0,001	75,4053	0,001	32,3437	0,21113	17,1425	0,85344	10,1429	0,95868	5,40214	0,97644	3,17549	0,85492
2.09.2019	173,679	0,001	135,318	0,001	80,4801	0,001	75,5111	0,001	32,3387	0,21145	16,852	0,86955	10,3658	0,95142	5,30633	0,97901	3,18504	0,85374
3.09.2019	173,965	0,001	135,524	0,001	80,5156	0,001	75,6517	0,001	32,3798	0,20884	16,8777	0,86812	10,2588	0,95504	5,21638	0,98119	3,18446	0,85381
4.09.2019	174,232	0,001	135,693	0,001	80,4274	0,001	75,7587	0,001	32,4739	0,20286	16,804	0,87222	10,1371	0,95887	5,09074	0,98401	3,16389	0,85635
5.09.2019	174,319	0,001	135,8	0,001	79,7843	0,001	75,744	0,001	32,3537	0,21049	16,7456	0,8754	10,3734	0,95116	5,19763	0,98161	3,17853	0,85454
6.09.2019	174,469	0,001	135,825	0,001	79,9618	0,001	75,8838	0,001	32,5233	0,19983	16,7821	0,87343	10,2346	0,9558	5,22209	0,98106	3,18685	0,85352
7.09.2019	174,589	0,001	135,893	0,001	79,4091	0,001	75,88	0,001	32,4898	0,20186	16,865	0,86883	10,1604	0,95813	5,20574	0,98143	3,19361	0,85268
8.09.2019	174,554	0,001	135,977	0,001	79,6261	0,001	75,916	0,001	32,5097	0,20059	17,0071	0,86095	10,0046	0,96278	5,23319	0,98081	3,20208	0,85163
9.09.2019	174,373	0,001	135,894	0,001	79,3986	0,001	75,9879	0,001	32,3957	0,20783	17,1149	0,85496	9,90324	0,96563	5,23141	0,98085	3,19591	0,8524
10.09.2019	174,479	0,001	135,945	0,001	79,7532	0,001	76,0421	0,001	32,5599	0,19837	17,2216	0,84896	9,86201	0,9667	5,20924	0,98135	3,20606	0,85114
11.09.2019	174,46	0,001	136,444	0,001	79,6164	0,001	76,4009	0,001	32,8675	0,18606	17,2542	0,84699	9,72479	0,97025	5,1233	0,98327	3,19082	0,85303
12.09.2019	174,263	0,001	136,651	0,001	79,3958	0,001	76,5014	0,001	32,8849	0,18536	17,2642	0,84639	9,80378	0,96822	5,05291	0,98485	3,18664	0,85354
13.09.2019	174,222	0,001	136,796	0,001	79,1334	0,001	76,5271	0,001	32,9211	0,18392	17,249	0,8473	9,79107	0,96855	4,99926	0,98583	3,1911	0,85299
14.09.2019	173,97	0,001	136,89	0,001	78,9514	0,001	76,3913	0,001	32,963	0,18224	17,3278	0,84254	9,71405	0,9705	4,94916	0,98671	3,1873	0,85346
15.09.2019	173,641	0,001	137,02	0,001	79,3184	0,001	76,6099	0,001	33,0369	0,17928	17,491	0,83267	9,57411	0,97374	4,87121	0,98808	3,1785	0,85455
16.09.2019	173,244	0,001	136,925	0,001	79,5776	0,001	76,6677	0,001	33,1207	0,17593	17,5993	0,82612	9,54693	0,97437	4,82419	0,9889	3,18478	0,85377
17.09.2019	173,701	0,001	136,47	0,001	79,4072	0,001	76,3542	0,001	33,1205	0,17594	17,644	0,82331	9,66334	0,97167	4,78587	0,98958	3,21426	0,85013
18.09.2019	174,264	0,001	135,449	0,001	79,2348	0,001	76,3719	0,001	33,0875	0,17726	17,6068	0,82567	9,84349	0,96719	5,0307	0,98528	3,26873	0,84305
19.09.2019	173,733	0,001	135,687	0,001	79,6235	0,001	76,6486	0,001	33,1784	0,17377	17,6928	0,82016	9,99491	0,96305	4,91013	0,98739	3,2292	0,84819
20.09.2019	173,725	0,001	136,401	0,001	79,0293	0,001	76,4422	0,001	33,2006	0,17298	17,8734	0,80848	9,94837	0,96439	4,90831	0,98743	3,22932	0,84818
21.09.2019	173,584	0,001	136,192	0,001	78,7553	0,001	76,6759	0,001	33,2531	0,1711	17,817	0,81213	9,82007	0,9678	4,91391	0,98733	3,22466	0,84878
22.09.2019	173,182	0,001	136,115	0,001	79,0792	0,001	76,926	0,001	33,2985	0,16948	18,029	0,7983	9,78319	0,96876	4,93957	0,98688	3,19581	0,85241
23.09.2019	172,951	0,001	136,069	0,001	79,8767	0,001	77,1079	0,001	33,2077	0,17273	18,4226	0,77106	9,72639	0,97021	4,8917	0,98772	3,14892	0,8582
24.09.2019	172,953	0,001	136,167	0,001	80,4771	0,001	77,5827	0,001	33,4167	0,16526	18,802	0,74479	9,57005	0,97383	4,88332	0,98787	3,08463	0,86615
25.09.2019	172,784	0,001	135,755	0,001	80,7171	0,001	77,6854	0,001	33,4717	0,16329	19,0016	0,73097	9,6258	0,97254	4,97847	0,98619	3,09157	0,86529
26.09.2019	172,471	0,001	135,466	0,001	80,9997	0,001	77,8277	0,001	33,5081	0,16199	19,1635	0,71977	9,58177	0,97356	4,97743	0,98621	3,08297	0,86635
27.09.2019	172,257	0,001	134,932	0,001	80,8617	0,001	77,9319	0,001	33,5595	0,16016	19,1714	0,71922	9,69582	0,97092	4,86717	0,98815	3,07134	0,86779
28.09.2019	172,118	0,001	135,257	0,001	81,1268	0,001	78,0297	0,001	33,6336	0,15751	19,2295	0,7152	9,72699	0,9702	4,83982	0,98863	3,04984	0,87045
29.09.2019	172,351	0,001	135,294	0,001	81,0079	0,001	78,219	0,001	33,528	0,16128	19,1913	0,71784	9,67532	0,9714	4,80544	0,98923	3,01644	0,87458
30.09.2019	172,476	0,001	135,318	0,001	80,9297	0,001	78,2008	0,001	33,5786	0,15948	19,135	0,72174	9,71718	0,97043	4,77706	0,98973	3,02903	0,87302
1.10.2019	172,616	0,001	135,512	0,001	80,9849	0,001	78,2574	0,001	33,6204	0,15798	19,0937	0,7246	9,68097	0,97126	4,76905	0,98987	3,04588	0,87094
2.10.2019	172,837	0,001	135,493	0,001	80,9675	0,001	78,3188	0,001	33,7036	0,15501	19,1248	0,72245	9,67626	0,97137	4,73649	0,9903	3,025	0,87352
3.10.2019	173,052	0,001	135,662	0,001	81,2191	0,001	78,4673	0,001	33,7418	0,15365	19,1944	0,71763	9,63041	0,97243	4,74762	0,99017	3,03419	0,87238
4.10.2019	173,27	0,001	135,626	0,001	81,2575	0,001	78,3858	0,001	33,7882	0,15199	19,2195	0,71589	9,60008	0,97314	4,74143	0,99024	3,03933	0,87175
5.10.2019	173,424	0,001	135,63	0,001	81,4664	0,001	78,538	0,001	33,9073	0,14801	19,4251	0,70166	9,60448	0,97304	4,766	0,98993	3,03252	0,87259
6.10.2019	173,734	0,001	135,627	0,001	81,4332	0,001	78,5795	0,001	33,7956	0,15172	19,2526	0,7136	9,54995	0,9743	4,71182	0,99059	3,04709	0,87079
7.10.2019	173,895	0,001	135,917	0,001	81,2907	0,001	78,4756	0,001	33,9308	0,14728	19,3033	0,71009	9,59066	0,97336	4,73259	0,99035	3,06602	0,86845
8.10.2019	174,168	0,001	135,951	0,001	81,2648	0,001	78,5831	0,001	33,8164	0,15098	19,0504	0,7276	9,53173	0,97472	4,61031	0,99179	3,1004	0,8642

8.10.2019	174,168	0,001	135,951	0,001	81,2648	0,001	78,5831	0,001	33,8164	0,15098	19,0504	0,7276	9,53173	0,97472	4,61031	0,99179	3,1004	0,8642
9.10.2019	174,332	0,001	135,966	0,001	80,9901	0,001	77,9369	0,001	34,0452	0,14369	18,7868	0,74584	9,80287	0,96825	4,60595	0,99185	3,1654	0,85617
10.10.2019	174,529	0,001	136,058	0,001	81,2079	0,001	78,4014	0,001	34,2046	0,1387	18,904	0,73773	9,77629	0,96894	4,59365	0,99199	3,13153	0,86035
11.10.2019	174,939	0,001	136,282	0,001	81,1585	0,001	78,5164	0,001	34,1339	0,14091	18,9762	0,73273	9,6202	0,97267	4,61507	0,99174	3,09802	0,86449
12.10.2019	175,141	0,001	136,554	0,001	81,3007	0,001	78,2685	0,001	34,2266	0,13801	18,9471	0,73475	9,7054	0,9707	4,66801	0,99111	3,1467	0,85848
13.10.2019	175,376	0,001	136,395	0,001	81,3292	0,001	77,7014	0,001	34,3696	0,13353	18,7611	0,74762	9,78531	0,9687	4,67159	0,99107	3,27469	0,84227
14.10.2019	175,647	0,001	136,438	0,001	81,4046	0,001	77,7822	0,001	34,4372	0,13141	18,8507	0,74142	9,81639	0,96789	4,66284	0,99117	3,25324	0,84506
15.10.2019	175,882	0,001	136,519	0,001	81,5647	0,001	77,8165	0,001	34,4942	0,12962	18,8742	0,73979	9,89012	0,96597	4,69427	0,9908	3,25742	0,84452
16.10.2019	176,099	0,001	136,951	0,001	81,6281	0,001	78,0353	0,001	34,4815	0,13002	18,905	0,73766	9,81337	0,96797	4,75238	0,99011	3,23268	0,84774
17.10.2019	176,355	0,001	137,036	0,001	81,7372	0,001	77,5708	0,001	34,5899	0,12663	18,9512	0,73446	9,90834	0,96549	4,80203	0,98929	3,29812	0,83922
18.10.2019	176,582	0,001	137,213	0,001	81,8454	0,001	77,8085	0,001	34,6274	0,12545	18,9626	0,73368	9,86952	0,96651	4,81508	0,98906	3,28092	0,84146
19.10.2019	176,823	0,001	137,386	0,001	81,9557	0,001	77,7683	0,001	34,5901	0,12662	18,8701	0,74008	9,87033	0,96649	4,79367	0,98944	3,30993	0,83768
20.10.2019	177,039	0,001	137,609	0,001	82,0576	0,001	77,8948	0,001	34,658	0,12457	18,8651	0,74042	9,89252	0,96591	4,78759	0,98955	3,29409	0,83975
21.10.2019	177,273	0,001	137,788	0,001	82,1467	0,001	77,9958	0,001	34,7385	0,12243	18,8869	0,73891	9,88273	0,96616	4,80401	0,98926	3,27715	0,84195
22.10.2019	177,463	0,001	137,951	0,001	82,1174	0,001	78,0234	0,001	34,8833	0,11858	19,0734	0,72601	9,9132	0,96537	4,87098	0,98808	3,24191	0,84654
23.10.2019	177,667	0,001	138,041	0,001	82,0843	0,001	78,4328	0,001	34,8036	0,1207	19,2173	0,71604	9,79684	0,9684	4,87369	0,98803	3,19373	0,85267
24.10.2019	177,979	0,001	138,36	0,001	82,298	0,001	78,3105	0,001	34,4213	0,13191	18,8464	0,74172	9,76452	0,96925	4,77674	0,98974	3,28509	0,84092
25.10.2019	178,156	0,001	138,744	0,001	82,4132	0,001	78,1614	0,001	34,4859	0,12988	18,5374	0,76311	9,84654	0,96711	4,70383	0,99069	3,33869	0,83394
26.10.2019	178,383	0,001	138,485	0,001	82,447	0,001	78,2536	0,001	34,5216	0,12877	18,1899	0,78717	9,89657	0,9658	4,58394	0,99211	3,30397	0,83846
27.10.2019	178,609	0,001	138,381	0,001	82,5541	0,001	78,3044	0,001	34,7753	0,12145	18,1221	0,79186	9,85251	0,96695	4,56355	0,99235	3,28777	0,84057
28.10.2019	178,568	0,001	139,061	0,001	82,6487	0,001	78,166	0,001	34,8592	0,11922	17,8551	0,80966	9,83805	0,96733	4,52221	0,99284	3,35324	0,83205
29.10.2019	178,719	0,001	139,202	0,001	82,7787	0,001	78,2525	0,001	34,9135	0,11778	17,9774	0,80175	9,85148	0,96698	4,52905	0,99276	3,38917	0,82737
30.10.2019	178,938	0,001	139,305	0,001	82,9599	0,001	78,5484	0,001	35,002	0,11543	17,9705	0,8022	9,85196	0,96697	4,5412	0,99261	3,39452	0,82668
31.10.2019	179,171	0,001	139,673	0,001	82,9176	0,001	78,5664	0,001	35,1055	0,11267	18,0084	0,79973	9,84077	0,96726	4,583	0,99212	3,40939	0,82473
1.11.2019	179,406	0,001	139,844	0,001	82,961	0,001	78,6611	0,001	35,1552	0,11135	17,9686	0,80232	9,80185	0,96827	4,64516	0,99138	3,42419	0,82272
2.11.2019	179,484	0,001	140,013	0,001	83,0744	0,001	78,6076	0,001	35,1699	0,11096	17,9804	0,80156	9,8403	0,96727	4,68774	0,99088	3,4307	0,82184
3.11.2019	179,731	0,001	140,185	0,001	83,1813	0,001	78,6673	0,001	35,2438	0,109	17,9135	0,80589	9,87658	0,96632	4,67328	0,99105	3,44096	0,82045
4.11.2019	179,948	0,001	140,358	0,001	83,2588	0,001	78,7654	0,001	35,2748	0,10817	17,955	0,8032	9,87773	0,96629	4,74196	0,99023	3,4616	0,81766
5.11.2019	180,213	0,001	140,46	0,001	83,4108	0,001	78,8392	0,001	35,3362	0,10654	17,9698	0,80225	9,83357	0,96744	4,80305	0,98928	3,47572	0,81574

Trace Test Stat																		
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8		Lag Length
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	
7.09.2018	438,88	0,001	300,314	0,001	170,838	0,001	110,705	0,02957	74,835	0,10451	46,6251	0,24078	28,1905	0,23215	12,9132	0,26953	4,50228	0,03392	2
8.09.2018	439,568	0,001	300,655	0,001	170,956	0,001	110,663	0,02976	75,0641	0,10067	46,7715	0,23423	28,25	0,22869	12,884	0,27207	4,48767	0,0342	2
9.09.2018	439,822	0,001	300,841	0,001	171,115	0,001	110,656	0,02979	75,3005	0,09705	46,9189	0,22763	28,4214	0,21871	13,0049	0,26156	4,58869	0,03228	2
10.09.2018	440,598	0,001	301,54	0,001	171,375	0,001	110,742	0,0294	75,5283	0,09367	47,0605	0,2213	28,4977	0,21427	13,0592	0,25684	4,63978	0,03132	2
11.09.2018	441,39	0,001	301,697	0,001	171,122	0,001	110,321	0,0315	75,7451	0,09054	47,1873	0,21562	28,5897	0,20891	13,1513	0,24885	4,72998	0,02967	2
12.09.2018	441,474	0,001	301,8	0,001	170,965	0,001	110,03	0,03301	75,829	0,08936	47,1921	0,21541	28,6459	0,20564	13,0668	0,25619	4,67071	0,03073	2
13.09.2018	442,246	0,001	302,834	0,001	171,53	0,001	110,447	0,03084	75,9239	0,08805	47,2231	0,21402	28,8212	0,19711	13,1461	0,2493	4,73207	0,02964	2
14.09.2018	443,622	0,001	303,97	0,001	172,322	0,001	111,077	0,0279	76,319	0,08272	47,5387	0,19993	29,0142	0,18998	13,2895	0,23685	4,75879	0,02921	2
15.09.2018	443,763	0,001	304,443	0,001	172,625	0,001	111,207	0,02731	76,4342	0,0812	47,5998	0,19812	29,0729	0,18782	13,278	0,23784	4,75026	0,02935	2
16.09.2018	444,344	0,001	304,6	0,001	172,536	0,001	110,894	0,02872	76,4615	0,08085	47,5747	0,19886	29,1182	0,18615	13,3183	0,23434	4,76599	0,0291	2
17.09.2018	445,286	0,001	305,051	0,001	172,581	0,001	110,783	0,02922	76,6125	0,07892	47,6619	0,19629	29,087	0,1873	13,2097	0,24378	4,67951	0,03056	2
18.09.2018	445,954	0,001	305,42	0,001	172,626	0,001	110,754	0,02934	76,591	0,07919	47,6465	0,19674	29,1694	0,18426	13,2002	0,2446	4,65797	0,03097	2
19.09.2018	446,754	0,001	306,02	0,001	172,918	0,001	110,943	0,0285	76,7551	0,07713	47,748	0,19374	29,3171	0,17881	13,2954	0,23633	4,72375	0,02977	2
20.09.2018	447,744	0,001	306,21	0,001	172,828	0,001	111,083	0,02787	76,6882	0,07797	47,7886	0,19254	29,5499	0,17073	13,5194	0,21687	4,87266	0,0274	2
21.09.2018	447,791	0,001	305,9	0,001	172,273	0,001	110,615	0,02997	76,0419	0,08643	47,2687	0,21198	29,439	0,17439	13,4486	0,22302	4,76813	0,02907	2
22.09.2018	447,347	0,001	305,312	0,001	172,209	0,001	110,565	0,03023	75,9255	0,08803	47,0836	0,22026	29,386	0,17626	13,4445	0,22338	4,7256	0,02974	2
23.09.2018	450,647	0,001	306,997	0,001	172,66	0,001	110,345	0,03137	76,0275	0,08663	47,0126	0,22344	29,7081	0,16553	13,6397	0,20642	4,9068	0,02686	2
24.09.2018	447,262	0,001	306,2	0,001	172,19	0,001	109,845	0,03397	75,6383	0,09209	46,4829	0,24714	29,5128	0,17195	13,3997	0,22727	4,66921	0,03076	2
25.09.2018	444,886	0,001	303,871	0,001	172,086	0,001	109,885	0,03376	75,8428	0,08917	46,606	0,24164	29,4825	0,17295	13,4415	0,22364	4,57264	0,03259	2
26.09.2018	443,334	0,001	302,347	0,001	172,531	0,001	110,237	0,03193	75,9249	0,08804	46,612	0,24137	29,2868	0,17993	13,3532	0,2313	4,62133	0,03167	2
27.09.2018	444,766	0,001	303,273	0,001	173,295	0,001	110,686	0,02965	76,2104	0,08415	46,8222	0,23196	29,5548	0,17057	13,5243	0,21644	4,75641	0,02925	2
28.09.2018	443,984	0,001	302,442	0,001	173,489	0,001	110,74	0,02941	76,1679	0,0847	46,7068	0,23713	29,4828	0,17294	13,4754	0,22069	4,71335	0,02994	2
29.09.2018	443,561	0,001	302,075	0,001	173,71	0,001	110,898	0,0287	76,2172	0,08406	46,6523	0,23957	29,2961	0,17958	13,4551	0,22246	4,63987	0,03131	2
30.09.2018	444,359	0,001	302,717	0,001	174,023	0,001	111,025	0,02813	76,397	0,08169	46,741	0,23559	29,3586	0,17727	13,4818	0,22014	4,64553	0,03121	2
1.10.2018	444,488	0,001	302,72	0,001	174,191	0,001	111,027	0,02812	76,3692	0,08206	46,6351	0,24033	29,2815	0,18012	13,4691	0,22124	4,65566	0,03102	2
2.10.2018	444,2	0,001	302,971	0,001	174,933	0,001	111,612	0,0255	76,642	0,07855	46,8417	0,23109	29,5358	0,1712	13,5705	0,21243	4,68098	0,03054	2
3.10.2018	444,013	0,001	302,55	0,001	175,446	0,001	112,099	0,02359	77,1412	0,07244	47,2454	0,21302	29,7175	0,16522	13,6587	0,20477	4,75544	0,02927	2
4.10.2018	444,284	0,001	302,8	0,001	175,878	0,001	112,322	0,02275	77,4135	0,06926	47,4201	0,2052	29,804	0,16237	13,7154	0,19991	4,83891	0,02794	2
5.10.2018	445,287	0,001	303,678	0,001	176,546	0,001	112,859	0,02073	77,6424	0,06671	47,5666	0,1991	29,8993	0,15924	13,7576	0,19777	4,85522	0,02768	2
6.10.2018	445,467	0,001	303,845	0,001	177,018	0,001	113,079	0,01992	77,9481	0,0634	47,8044	0,19207	30,0226	0,15518	13,783	0,19647	4,89881	0,02699	2
7.10.2018	447,328	0,001	305,357	0,001	177,776	0,001	113,646	0,01822	78,3576	0,05918	48,1481	0,1819	30,2422	0,1482	13,8929	0,1909	4,99699	0,02543	2
8.10.2018	447,525	0,001	305,31	0,001	177,829	0,001	113,511	0,01863	78,3211	0,05954	48,0787	0,18395	30,1737	0,1502	13,8378	0,1937	4,97638	0,02576	2
9.10.2018	447,607	0,001	305,119	0,001	177,856	0,001	113,374	0,01904	78,3044	0,0597	48,0367	0,1852	30,1565	0,15077	13,797	0,19577	4,93806	0,02636	2
10.10.2018	448,059	0,001	305,259	0,001	177,865	0,001	113,191	0,01959	78,1035	0,06178	47,8143	0,19178	30,1877	0,14977	13,7672	0,19728	4,87849	0,02731	2
11.10.2018	447,448	0,001	304,246	0,001	177,8	0,001	112,939	0,02043	78,3142	0,0596	48,0443	0,18497	30,1531	0,15088	13,6442	0,20603	4,80077	0,02855	2
12.10.2018	449,125	0,001	305,551	0,001	178,517	0,001	113,512	0,01862	78,5338	0,05746	48,3932	0,17468	30,3288	0,1457	13,7793	0,19666	4,87426	0,02738	2
13.10.2018	450,052	0,001	306,125	0,001	178,848	0,001	113,64	0,01824	78,4969	0,05782	48,4429	0,17336	30,3032	0,14644	13,7195	0,1997	4,85401	0,0277	2

14.10.2018	451,248	0,001	306,916	0,001	179,422	0,001	114,041	0,01704	78,8755	0,05419	48,8194	0,16335	30,4432	0,1424	13,8193	0,19463	4,94816	0,0262	2
15.10.2018	452,694	0,001	308,047	0,001	180,08	0,001	114,555	0,01549	79,1345	0,05186	48,9722	0,15928	30,5699	0,13874	13,924	0,18932	4,96902	0,02587	2
16.10.2018	453,203	0,001	308,174	0,001	179,949	0,001	114,247	0,01642	78,882	0,05413	48,8779	0,16179	30,4415	0,14245	13,8229	0,19445	4,91458	0,02674	2
17.10.2018	454,24	0,001	308,799	0,001	180,136	0,001	114,265	0,01637	78,9533	0,05349	48,8491	0,16256	30,4876	0,14111	13,8604	0,19255	4,94632	0,02623	2
18.10.2018	454,95	0,001	309,137	0,001	180,312	0,001	114,27	0,01635	78,9874	0,05318	48,7633	0,16484	30,4459	0,14232	13,8239	0,1944	4,91147	0,02679	2
19.10.2018	455,792	0,001	309,616	0,001	180,649	0,001	114,441	0,01584	79,1562	0,05166	48,7989	0,16389	30,4684	0,14167	13,8667	0,19223	4,90623	0,02687	2
20.10.2018	456,582	0,001	310,042	0,001	180,896	0,001	114,523	0,01559	79,2139	0,05114	48,8125	0,16353	30,4381	0,14254	13,8471	0,19322	4,88938	0,02714	2
21.10.2018	512,059	0,001	340,111	0,001	228,024	0,001	153,63	0,001	90,8385	0,00533	58,375	0,02593	30,2679	0,14746	13,5304	0,21591	4,93315	0,02644	3
22.10.2018	513,052	0,001	340,683	0,001	228,393	0,001	153,901	0,001	91,0046	0,00508	58,4778	0,02531	30,3019	0,14648	13,5406	0,21503	4,92939	0,0265	3
23.10.2018	514,117	0,001	341,342	0,001	228,923	0,001	154,286	0,001	91,201	0,00492	58,5908	0,0247	30,2745	0,14727	13,56	0,21334	4,92874	0,02651	3
24.10.2018	514,921	0,001	341,734	0,001	229,326	0,001	154,549	0,001	91,3231	0,00485	58,7037	0,02414	30,2815	0,14707	13,5537	0,21389	4,90148	0,02695	3
25.10.2018	515,776	0,001	342,206	0,001	229,717	0,001	154,905	0,001	91,5479	0,00472	58,9127	0,0231	30,3489	0,14512	13,5886	0,21086	4,92446	0,02658	3
26.10.2018	516,711	0,001	342,735	0,001	230,122	0,001	155,197	0,001	91,6785	0,00465	59,0749	0,02229	30,4004	0,14363	13,6122	0,20881	4,93574	0,0264	3
27.10.2018	517,395	0,001	342,98	0,001	230,443	0,001	155,439	0,001	91,7646	0,0046	59,1975	0,02168	30,3831	0,14413	13,5941	0,21039	4,90664	0,02686	3
28.10.2018	518,267	0,001	343,426	0,001	230,538	0,001	155,464	0,001	91,6536	0,00466	59,261	0,02137	30,4083	0,1434	13,6095	0,20904	4,90901	0,02683	3
29.10.2018	518,93	0,001	343,67	0,001	230,828	0,001	155,711	0,001	91,7784	0,00459	59,3434	0,02096	30,3669	0,1446	13,5305	0,21591	4,81907	0,02826	3
30.10.2018	519,927	0,001	344,239	0,001	231,227	0,001	156,029	0,001	91,9672	0,00448	59,5264	0,02005	30,4417	0,14244	13,5929	0,21048	4,86438	0,02754	3
31.10.2018	520,632	0,001	344,517	0,001	231,481	0,001	156,268	0,001	92,0769	0,00442	59,6109	0,0197	30,4216	0,14302	13,5766	0,2119	4,84972	0,02777	3
1.11.2018	521,5	0,001	344,955	0,001	231,882	0,001	156,521	0,001	92,1263	0,00439	59,7287	0,01923	30,4443	0,14236	13,6276	0,20747	4,87224	0,02741	3
2.11.2018	522,827	0,001	345,869	0,001	232,328	0,001	156,669	0,001	92,239	0,00433	59,845	0,01877	30,5003	0,14075	13,6427	0,20616	4,90291	0,02692	3
3.11.2018	524,055	0,001	346,688	0,001	233,043	0,001	157,125	0,001	92,5489	0,00415	59,9331	0,01842	30,5064	0,14057	13,6048	0,20945	4,85985	0,02761	3
4.11.2018	525,007	0,001	347,331	0,001	233,674	0,001	157,337	0,001	92,6425	0,0041	59,9628	0,01831	30,4517	0,14215	13,581	0,21152	4,82796	0,02811	3
5.11.2018	525,989	0,001	348,081	0,001	234,267	0,001	157,826	0,001	92,979	0,00391	60,0982	0,01777	30,4995	0,14077	13,5981	0,21003	4,82759	0,02812	3
6.11.2018	526,679	0,001	348,745	0,001	234,546	0,001	157,912	0,001	93,0037	0,0039	59,9641	0,0183	30,2628	0,14761	13,5227	0,21659	4,77157	0,02901	3
7.11.2018	527,49	0,001	349,007	0,001	235,063	0,001	158,247	0,001	93,0698	0,00386	59,8976	0,01856	30,1784	0,15005	13,422	0,22533	4,63294	0,03145	3
8.11.2018	528,497	0,001	349,531	0,001	235,274	0,001	158,282	0,001	93,151	0,00381	60,0574	0,01793	30,3497	0,1451	13,5552	0,21376	4,73428	0,0296	3
9.11.2018	529,923	0,001	350,535	0,001	235,985	0,001	158,757	0,001	93,4706	0,00363	60,2359	0,01722	30,378	0,14428	13,5501	0,2142	4,71344	0,02993	3
10.11.2018	530,677	0,001	350,923	0,001	236,142	0,001	158,736	0,001	93,4309	0,00365	60,1693	0,01749	30,2426	0,14819	13,5033	0,21827	4,64943	0,03113	3
11.11.2018	531,366	0,001	351,31	0,001	236,058	0,001	158,479	0,001	93,4807	0,00363	60,0792	0,01784	30,2559	0,14781	13,5247	0,21641	4,67373	0,03067	3
12.11.2018	532,39	0,001	351,904	0,001	236,454	0,001	158,691	0,001	93,4167	0,00366	59,9026	0,01854	29,9536	0,15745	13,4003	0,22722	4,50298	0,03391	3
13.11.2018	532,369	0,001	351,448	0,001	235,918	0,001	157,974	0,001	92,5205	0,00417	59,3752	0,0208	29,6535	0,16733	13,1995	0,24466	4,2153	0,04007	3
14.11.2018	533,216	0,001	351,886	0,001	236,152	0,001	158,101	0,001	92,8725	0,00397	59,8377	0,0188	29,7578	0,16389	13,2199	0,24289	4,24295	0,03945	3
15.11.2018	533,749	0,001	351,99	0,001	235,891	0,001	157,691	0,001	92,656	0,00409	59,7123	0,0193	29,6223	0,16835	13,2482	0,24043	4,27882	0,03866	3
16.11.2018	534,311	0,001	352,236	0,001	235,834	0,001	157,466	0,001	92,5334	0,00416	59,7224	0,01926	29,53	0,17139	13,2093	0,24381	4,23157	0,0397	3
17.11.2018	534,933	0,001	352,423	0,001	235,804	0,001	157,278	0,001	92,3948	0,00424	59,5555	0,01992	29,2464	0,18142	13,1081	0,2526	4,12973	0,04221	3
18.11.2018	535,444	0,001	352,385	0,001	235,369	0,001	156,644	0,001	91,3027	0,00486	58,7706	0,02381	28,7029	0,20232	12,8242	0,27726	3,72244	0,05373	3
19.11.2018	534,086	0,001	350,598	0,001	233,628	0,001	154,756	0,001	89,9585	0,00668	57,9474	0,02848	27,8777	0,25036	12,4941	0,30594	3,40254	0,0651	3
20.11.2018	532,704	0,001	348,774	0,001	232,519	0,001	154,04	0,001	89,7038	0,00706	58,0526	0,02785	27,6611	0,26296	12,6044	0,29636	3,51912	0,06069	3
21.11.2018	533,594	0,001	349,324	0,001	232,16	0,001	153,51	0,001	89,1428	0,00792	57,9514	0,02845	27,7176	0,25968	12,781	0,28101	3,6234	0,05703	3
22.11.2018	533,586	0,001	348,835	0,001	231,547	0,001	152,775	0,001	88,5763	0,00878	57,8137	0,02927	27,6475	0,26376	12,5045	0,30503	3,39392	0,06545	3

23.11.2018	532,645	0,001	347,482	0,001	230,347	0,001	151,423	0,001	87,1053	0,01168	56,2236	0,04096	26,9144	0,30643	12,2531	0,32688	3,11473	0,07763	3
24.11.2018	531,936	0,001	346,485	0,001	229,586	0,001	150,596	0,001	86,317	0,01365	55,8406	0,04432	26,8892	0,30789	12,2518	0,32699	3,21869	0,07285	3
25.11.2018	531,281	0,001	345,452	0,001	228,302	0,001	149,337	0,001	85,4042	0,01628	54,7931	0,05479	26,5489	0,3277	12,2183	0,3299	3,19257	0,074	3
26.11.2018	531,359	0,001	345,224	0,001	227,833	0,001	148,585	0,001	84,6309	0,01893	54,0298	0,06377	26,4405	0,33401	12,0795	0,34196	3,18028	0,07455	3
27.11.2018	531,36	0,001	344,806	0,001	227,578	0,001	148,25	0,001	84,6519	0,01886	54,0708	0,06326	26,6644	0,32098	12,2789	0,32463	3,39952	0,06522	3
28.11.2018	532,316	0,001	345,366	0,001	227,5	0,001	148,074	0,001	84,6765	0,01877	54,0254	0,06382	26,9146	0,30642	12,3399	0,31934	3,50627	0,06118	3
29.11.2018	533,483	0,001	346,074	0,001	227,805	0,001	148,057	0,001	84,5475	0,01921	53,7667	0,06713	26,8609	0,30954	12,2724	0,3252	3,31493	0,06869	3
30.11.2018	534,165	0,001	346,329	0,001	227,901	0,001	148,016	0,001	84,6031	0,01902	53,8378	0,0662	26,6199	0,32357	12,1036	0,33986	3,26072	0,07099	3
1.12.2018	534,816	0,001	346,545	0,001	227,842	0,001	148,009	0,001	84,87	0,01811	54,0315	0,06375	26,6091	0,3242	12,3214	0,32094	3,36503	0,06664	3
2.12.2018	535,383	0,001	346,693	0,001	227,717	0,001	147,63	0,001	84,4279	0,01962	53,5222	0,07036	26,3547	0,33901	12,1929	0,33211	3,19113	0,07407	3
3.12.2018	536,157	0,001	347,048	0,001	227,828	0,001	147,66	0,001	84,3783	0,01979	53,41	0,07193	26,4419	0,33393	12,2201	0,32974	3,19907	0,07372	3
4.12.2018	538,36	0,001	348,811	0,001	229,333	0,001	148,984	0,001	85,0641	0,01744	54,0288	0,06378	27,1039	0,2954	12,6623	0,29133	3,3469	0,06738	3
5.12.2018	539,348	0,001	349,385	0,001	229,65	0,001	149,015	0,001	84,8367	0,01822	53,7352	0,06755	27,2897	0,28458	12,7851	0,28066	3,3537	0,0671	3
6.12.2018	537,644	0,001	347,172	0,001	227,17	0,001	146,753	0,001	83,4358	0,02381	52,2614	0,08938	26,6996	0,31894	12,4355	0,31103	3,16861	0,07507	3
7.12.2018	537,176	0,001	346,139	0,001	225,92	0,001	145,419	0,001	82,3741	0,02903	51,2173	0,1086	26,3063	0,34183	12,215	0,33018	3,19841	0,07375	3
8.12.2018	537,961	0,001	346,423	0,001	225,959	0,001	145,27	0,001	82,2355	0,02974	51,0498	0,11193	26,1018	0,35373	12,216	0,3301	3,3009	0,06927	3
9.12.2018	538,947	0,001	346,598	0,001	225,921	0,001	145,032	0,001	81,8801	0,03182	50,6041	0,1208	25,6452	0,38031	11,9607	0,35228	3,07451	0,07954	3
10.12.2018	539,685	0,001	346,891	0,001	225,929	0,001	144,877	0,001	81,5975	0,03351	50,2746	0,12776	25,463	0,39092	11,8307	0,36357	2,97905	0,08437	3
11.12.2018	540,941	0,001	347,851	0,001	226,594	0,001	145,398	0,001	81,8377	0,03207	50,4642	0,12358	25,7354	0,37506	12,0825	0,34169	3,14081	0,07639	3
12.12.2018	472,516	0,001	341,683	0,001	214,507	0,001	135,403	0,001	77,6444	0,06668	47,3866	0,2067	25,5825	0,38396	11,2605	0,4131	1,80582	0,17928	4
13.12.2018	472,472	0,001	341,352	0,001	213,921	0,001	134,68	0,001	76,887	0,07548	46,8805	0,22935	25,0289	0,41619	11,1059	0,42654	1,73499	0,18826	4
14.12.2018	472,819	0,001	341,436	0,001	213,784	0,001	134,309	0,001	76,4077	0,08155	46,5452	0,24436	24,6443	0,43857	11,0537	0,43107	1,73835	0,18784	4
15.12.2018	473,101	0,001	341,429	0,001	213,51	0,001	133,938	0,001	75,9477	0,08773	46,255	0,25735	24,3076	0,45817	11,0414	0,43213	1,82756	0,17653	4
16.12.2018	473,747	0,001	341,784	0,001	213,596	0,001	133,877	0,001	75,754	0,09042	46,404	0,25068	24,3787	0,45403	11,0978	0,42723	1,96724	0,16129	4
17.12.2018	474,653	0,001	342,375	0,001	213,867	0,001	133,912	0,001	75,5739	0,09302	46,2025	0,25969	24,1057	0,46992	11,1334	0,42415	2,06558	0,15072	4
18.12.2018	476,089	0,001	343,523	0,001	214,66	0,001	134,523	0,001	75,8593	0,08894	46,4073	0,25053	24,2628	0,46078	11,3038	0,40934	2,13192	0,1447	4
19.12.2018	477,044	0,001	344,196	0,001	215,167	0,001	134,865	0,001	76,131	0,0852	46,9677	0,22545	24,7411	0,43294	11,3477	0,40553	2,27304	0,13215	4
20.12.2018	477,862	0,001	344,75	0,001	215,702	0,001	135,22	0,001	76,3102	0,08283	46,9679	0,22544	24,7234	0,43397	11,2262	0,41609	2,21561	0,13726	4
21.12.2018	478,598	0,001	345,226	0,001	216,062	0,001	135,365	0,001	76,2934	0,08305	47,1151	0,21885	24,8383	0,42728	11,1919	0,41906	2,42114	0,1202	4
22.12.2018	479,704	0,001	346,092	0,001	216,601	0,001	135,73	0,001	76,5455	0,07975	47,3402	0,20878	24,9948	0,41817	11,2729	0,41202	2,41466	0,12066	4
23.12.2018	479,91	0,001	346,096	0,001	216,311	0,001	135,307	0,001	75,9952	0,08707	47,0197	0,22312	24,6376	0,43896	11,1155	0,4257	2,40768	0,12115	4
24.12.2018	480,115	0,001	345,911	0,001	216,322	0,001	135,138	0,001	75,8552	0,089	46,7629	0,23461	24,3018	0,45851	11,1309	0,42436	2,24624	0,13454	4
25.12.2018	480,396	0,001	345,901	0,001	215,882	0,001	134,611	0,001	75,3138	0,09685	46,3654	0,25241	23,8053	0,48741	10,8589	0,44799	2,16787	0,1415	4
26.12.2018	481,293	0,001	346,535	0,001	216,315	0,001	134,768	0,001	75,2788	0,09737	46,2027	0,25969	23,6295	0,49764	10,8317	0,45035	2,15213	0,1429	4
27.12.2018	481,771	0,001	346,623	0,001	216,265	0,001	134,553	0,001	75,1358	0,09952	46,2514	0,25751	23,5669	0,50129	10,6972	0,46204	2,20883	0,13786	4
28.12.2018	482,862	0,001	347,439	0,001	216,884	0,001	134,997	0,001	75,263	0,09761	46,3449	0,25333	23,7129	0,49279	10,8534	0,44846	2,26608	0,13277	4
29.12.2018	483,262	0,001	347,555	0,001	216,79	0,001	134,691	0,001	74,9118	0,10322	46,032	0,26733	23,411	0,51036	10,6324	0,46767	2,1719	0,14114	4
30.12.2018	484,047	0,001	348,033	0,001	217,067	0,001	134,793	0,001	74,8933	0,10353	45,9301	0,27189	23,2967	0,51701	10,6529	0,46588	2,17943	0,14048	4
31.12.2018	485,486	0,001	349,197	0,001	217,945	0,001	135,5	0,001	75,3561	0,09621	46,4085	0,25048	23,6827	0,49455	10,9537	0,43976	2,34128	0,12609	4
1.01.2019	486,044	0,001	349,478	0,001	217,963	0,001	135,294	0,001	75,0756	0,10048	46,1794	0,26073	23,3682	0,51285	10,7291	0,45926	2,33178	0,12693	4

2.01.2019	486,609	0,001	349,753	0,001	217,994	0,001	135,127	0,001	74,7227	0,10639	45,8386	0,27598	23,0656	0,53046	10,5043	0,47879	2,25922	0,13338	4
3.01.2019	487,317	0,001	350,171	0,001	218,099	0,001	135,057	0,001	74,6222	0,10807	45,7602	0,27949	22,9152	0,53922	10,3792	0,48966	2,27274	0,13218	4
4.01.2019	488,07	0,001	350,637	0,001	218,34	0,001	135,155	0,001	74,6194	0,10812	45,7937	0,27799	22,9832	0,53526	10,4014	0,48773	2,31237	0,12866	4
5.01.2019	488,719	0,001	350,997	0,001	218,347	0,001	135,041	0,001	74,3684	0,11232	45,7198	0,2813	22,7926	0,54636	10,3275	0,49415	2,41026	0,12097	4
6.01.2019	489,773	0,001	351,76	0,001	218,799	0,001	135,278	0,001	74,5237	0,10972	45,7331	0,28071	22,7489	0,5489	10,4017	0,48771	2,48682	0,11553	4
7.01.2019	490,723	0,001	352,47	0,001	219,25	0,001	135,56	0,001	74,7926	0,10522	45,9407	0,27141	22,9196	0,53897	10,4862	0,48036	2,5357	0,11206	4
8.01.2019	492,204	0,001	353,754	0,001	220,251	0,001	136,373	0,001	75,3551	0,09622	46,3983	0,25093	23,3116	0,51615	10,9066	0,44385	2,76917	0,09612	4
9.01.2019	492,269	0,001	353,748	0,001	220,007	0,001	136,005	0,001	74,9929	0,10186	45,8153	0,27703	22,9069	0,53971	10,6753	0,46394	2,7022	0,10023	4
10.01.2019	492,563	0,001	353,775	0,001	219,767	0,001	135,59	0,001	74,9063	0,10331	45,7237	0,28113	22,6442	0,555	10,3584	0,49147	2,5441	0,11146	4
11.01.2019	494,027	0,001	354,942	0,001	220,677	0,001	136,281	0,001	75,3551	0,09622	46,1063	0,264	22,8927	0,54053	10,5306	0,47651	2,57738	0,1091	4
12.01.2019	494,668	0,001	355,344	0,001	220,844	0,001	136,303	0,001	75,2453	0,09788	45,9346	0,27169	22,6175	0,55655	10,3619	0,49117	2,52079	0,11312	4
13.01.2019	494,881	0,001	355,51	0,001	220,766	0,001	136,095	0,001	75,1889	0,09872	45,956	0,27073	22,4869	0,56415	10,1036	0,51361	2,41632	0,12054	4
14.01.2019	496,091	0,001	356,737	0,001	221,633	0,001	136,694	0,001	75,3874	0,09574	46,074	0,26545	22,7153	0,55086	10,4112	0,48689	2,62512	0,10571	4
15.01.2019	496,425	0,001	356,893	0,001	221,637	0,001	136,532	0,001	75,229	0,09812	45,9054	0,27299	22,4781	0,56466	10,1484	0,50971	2,54575	0,11135	4
16.01.2019	497,18	0,001	357,607	0,001	221,977	0,001	136,693	0,001	75,347	0,09635	45,9785	0,26972	22,5745	0,55905	10,2166	0,50378	2,5856	0,10852	4
17.01.2019	498,575	0,001	358,633	0,001	222,739	0,001	137,345	0,001	75,83	0,08935	46,3886	0,25137	22,8855	0,54095	10,4741	0,48141	2,70512	0,10003	4
18.01.2019	499,551	0,001	359,601	0,001	223,432	0,001	137,766	0,001	76,0327	0,08655	46,5554	0,2439	22,9774	0,5356	10,5503	0,4748	2,78402	0,09521	4
19.01.2019	500,28	0,001	360,122	0,001	223,739	0,001	137,896	0,001	76,0967	0,08567	46,5336	0,24488	22,9299	0,53837	10,5784	0,47236	2,76163	0,09658	4
20.01.2019	501,08	0,001	360,817	0,001	224,185	0,001	138,182	0,001	76,2499	0,08363	46,6723	0,23867	22,9883	0,53497	10,5913	0,47124	2,81038	0,09368	4
21.01.2019	501,851	0,001	361,498	0,001	224,617	0,001	138,433	0,001	76,443	0,08109	46,8248	0,23185	23,0821	0,5295	10,6887	0,46277	2,93669	0,08662	4
22.01.2019	502,307	0,001	361,758	0,001	224,681	0,001	138,368	0,001	76,3389	0,08246	46,6853	0,23809	22,9314	0,53828	10,508	0,47847	2,93002	0,08698	4
23.01.2019	503,044	0,001	362,305	0,001	224,976	0,001	138,49	0,001	76,384	0,08186	46,7044	0,23723	22,9014	0,54003	10,4552	0,48306	2,93734	0,08659	4
24.01.2019	503,717	0,001	362,687	0,001	225,197	0,001	138,555	0,001	76,4614	0,08085	46,7571	0,23488	22,8886	0,54077	10,4414	0,48426	2,95518	0,08562	4
25.01.2019	504,722	0,001	363,542	0,001	225,791	0,001	139,001	0,001	76,6578	0,07835	46,9157	0,22778	23,0009	0,53423	10,5696	0,47313	3,01622	0,08248	4
26.01.2019	505,48	0,001	364,181	0,001	226,194	0,001	139,283	0,001	76,8137	0,0764	47,01	0,22356	23,181	0,52375	10,764	0,45623	3,14945	0,07598	4
27.01.2019	505,907	0,001	364,533	0,001	226,348	0,001	139,293	0,001	76,806	0,07649	46,9444	0,22649	23,1911	0,52316	10,7891	0,45405	3,17959	0,07458	4
28.01.2019	505,367	0,001	363,584	0,001	225,544	0,001	138,219	0,001	76,2503	0,08362	46,3968	0,251	22,5052	0,56309	10,1032	0,51364	2,9332	0,08681	4
29.01.2019	506,404	0,001	364,412	0,001	226,072	0,001	138,566	0,001	76,3855	0,08184	46,5762	0,24297	22,5709	0,55926	10,1158	0,51255	3,03083	0,08173	4
30.01.2019	506,904	0,001	364,698	0,001	226,284	0,001	138,591	0,001	76,1935	0,08437	46,4175	0,25007	22,2894	0,57565	9,93554	0,5282	2,96554	0,08506	4
31.01.2019	507,79	0,001	365,343	0,001	226,602	0,001	138,734	0,001	76,0778	0,08593	46,3017	0,25526	22,2294	0,57914	9,84631	0,53595	2,88458	0,08945	4
1.02.2019	508,641	0,001	365,897	0,001	227,14	0,001	139,07	0,001	76,2922	0,08307	46,4657	0,24792	22,4937	0,56376	10,1227	0,51195	3,04362	0,08108	4
2.02.2019	509,769	0,001	366,791	0,001	227,785	0,001	139,54	0,001	76,4157	0,08145	46,5317	0,24496	22,5758	0,55898	10,257	0,50028	3,09274	0,07868	4
3.02.2019	510,341	0,001	367,109	0,001	227,924	0,001	139,501	0,001	76,3873	0,08182	46,4421	0,24897	22,4805	0,56453	10,1236	0,51187	3,08104	0,07923	4
4.02.2019	511,761	0,001	368,261	0,001	228,769	0,001	140,167	0,001	76,8382	0,07609	46,8506	0,23069	22,8763	0,54149	10,4915	0,47991	3,29115	0,06967	4
5.02.2019	513,324	0,001	369,549	0,001	229,774	0,001	141,008	0,001	77,4056	0,06935	47,3153	0,20989	23,3127	0,51609	10,9636	0,43889	3,40908	0,06485	4
6.02.2019	514,381	0,001	370,349	0,001	230,295	0,001	141,344	0,001	77,619	0,06697	47,4785	0,20259	23,5524	0,50213	11,172	0,42079	3,49238	0,0617	4
7.02.2019	515,224	0,001	370,899	0,001	230,538	0,001	141,4	0,001	77,727	0,06576	47,7186	0,19461	23,5284	0,50353	11,0318	0,43297	3,55536	0,05938	4
8.02.2019	516,724	0,001	372,124	0,001	231,501	0,001	142,236	0,001	78,1526	0,06126	48,034	0,18528	23,5843	0,50028	11,3145	0,40842	3,73087	0,05347	4
9.02.2019	518,044	0,001	373,162	0,001	232,237	0,001	142,798	0,001	78,5886	0,05692	48,4021	0,17445	23,8463	0,48502	11,55	0,38796	3,80228	0,05123	4
10.02.2019	519,217	0,001	374,058	0,001	232,687	0,001	143,081	0,001	78,7363	0,05548	48,5051	0,17171	23,9718	0,47772	11,8051	0,36579	3,83822	0,0501	4

11.02.2019	520,765	0,001	375,261	0,001	233,574	0,001	143,771	0,001	79,2505	0,05081	48,8825	0,16167	24,4948	0,44728	12,1479	0,33601	3,87055	0,04918	4
12.02.2019	521,611	0,001	375,877	0,001	233,914	0,001	143,94	0,001	79,2835	0,05052	48,8736	0,1619	24,1746	0,46591	11,9316	0,3548	3,87812	0,04897	4
13.02.2019	522,249	0,001	376,158	0,001	233,91	0,001	143,755	0,001	79,0672	0,05246	48,8373	0,16287	24,0716	0,47191	11,7139	0,37371	3,85721	0,04956	4
14.02.2019	522,629	0,001	376,644	0,001	234,101	0,001	143,774	0,001	78,9849	0,05321	48,9178	0,16073	23,9975	0,47622	11,6614	0,37828	3,8539	0,04965	4
15.02.2019	523,779	0,001	377,564	0,001	234,812	0,001	144,349	0,001	79,276	0,05058	49,2099	0,15296	24,3447	0,45601	11,9292	0,35501	3,89972	0,04836	4
16.02.2019	523,709	0,001	377,69	0,001	234,662	0,001	144,018	0,001	78,8648	0,05429	48,9295	0,16042	24,1435	0,46772	11,8002	0,36622	3,88551	0,04876	4
17.02.2019	523,924	0,001	377,718	0,001	234,575	0,001	143,756	0,001	78,4601	0,05818	48,9353	0,16026	24,2128	0,46369	11,769	0,36893	3,88907	0,04866	4
18.02.2019	524,59	0,001	378,374	0,001	235,201	0,001	144,195	0,001	78,7377	0,05547	49,0625	0,15688	24,0678	0,47213	11,6505	0,37922	3,92887	0,04753	4
19.02.2019	525,718	0,001	378,865	0,001	235,94	0,001	144,843	0,001	79,3996	0,04951	49,59	0,14373	24,5747	0,44262	12,0849	0,34148	3,97861	0,04613	4
20.02.2019	526,262	0,001	379,368	0,001	236,366	0,001	145,073	0,001	79,67	0,04728	49,6895	0,14141	24,4923	0,44742	12,1245	0,33805	3,99657	0,04562	4
21.02.2019	527,115	0,001	380,023	0,001	236,556	0,001	145,07	0,001	79,4706	0,04893	49,5692	0,14421	24,499	0,44703	12,0094	0,34804	4,00517	0,04538	4
22.02.2019	527,883	0,001	380,539	0,001	237,204	0,001	145,571	0,001	79,9035	0,04535	50,1473	0,13073	24,7437	0,43278	12,1763	0,33355	4,02261	0,0449	4
23.02.2019	528,068	0,001	380,59	0,001	237,659	0,001	145,848	0,001	80,0875	0,04393	49,8941	0,13663	24,4616	0,44921	11,9381	0,35424	4,03166	0,04467	4
24.02.2019	528,588	0,001	380,833	0,001	237,589	0,001	145,588	0,001	79,6748	0,04724	49,8458	0,13776	24,5869	0,44191	11,9621	0,35216	4,04117	0,04443	4
25.02.2019	528,439	0,001	381,101	0,001	237,491	0,001	145,414	0,001	79,414	0,04939	49,7171	0,14076	24,3596	0,45514	11,8117	0,36522	4,04916	0,04423	4
26.02.2019	528,636	0,001	381,327	0,001	237,446	0,001	145,13	0,001	79,0166	0,05292	49,4191	0,14771	24,2449	0,46182	11,6431	0,37986	4,05267	0,04415	4
27.02.2019	528,889	0,001	381,29	0,001	238,022	0,001	145,57	0,001	79,3053	0,05032	49,6627	0,14203	24,4314	0,45097	11,8068	0,36565	4,06037	0,04395	4
28.02.2019	529,169	0,001	381,37	0,001	238,383	0,001	145,714	0,001	79,3494	0,04993	49,6119	0,14322	24,6139	0,44034	12,0329	0,34601	4,06932	0,04373	4
1.03.2019	529,722	0,001	381,563	0,001	238,768	0,001	145,916	0,001	79,7057	0,04698	49,8612	0,1374	25,0611	0,41431	12,497	0,30569	4,08286	0,04339	4
2.03.2019	530,534	0,001	382,153	0,001	239,229	0,001	146,207	0,001	80,0497	0,04421	50,0847	0,13219	25,2522	0,40319	12,7067	0,28747	4,08894	0,04324	4
3.03.2019	531,97	0,001	383,305	0,001	239,911	0,001	146,738	0,001	80,274	0,04252	50,2458	0,12843	25,2467	0,40351	12,6398	0,29328	4,09451	0,0431	4
4.03.2019	533,023	0,001	384,065	0,001	240,509	0,001	147,175	0,001	80,677	0,03954	50,7655	0,11759	25,5181	0,38771	12,7837	0,28078	4,09324	0,04313	4
5.03.2019	531,902	0,001	382,39	0,001	239,836	0,001	146,369	0,001	81,789	0,03236	51,5003	0,10297	25,7986	0,37138	13,0004	0,26196	4,00755	0,04531	4
6.03.2019	532,286	0,001	382,492	0,001	239,952	0,001	146,374	0,001	81,673	0,03306	51,2663	0,10763	25,7546	0,37394	12,9437	0,26688	3,94576	0,04706	4
7.03.2019	533,115	0,001	382,879	0,001	240,148	0,001	146,39	0,001	81,7571	0,03255	51,2747	0,10746	25,7671	0,37321	12,8176	0,27783	3,85591	0,04959	4
8.03.2019	535,182	0,001	385,326	0,001	241,599	0,001	147,615	0,001	82,4414	0,02869	51,9855	0,09406	25,9022	0,36535	12,8922	0,27135	3,84534	0,04989	4
9.03.2019	536,608	0,001	385,97	0,001	242,181	0,001	147,96	0,001	83,1083	0,02526	52,7827	0,08107	25,9346	0,36347	12,8485	0,27515	3,7978	0,05137	4
10.03.2019	537,271	0,001	386,941	0,001	243,169	0,001	148,982	0,001	83,9157	0,02174	53,3343	0,07299	26,0626	0,35601	12,8943	0,27117	3,82573	0,05049	4
11.03.2019	537,58	0,001	386,801	0,001	243,303	0,001	149,01	0,001	83,8333	0,02209	53,5916	0,06943	26,1988	0,34809	12,9664	0,26491	3,9305	0,04749	4
12.03.2019	537,451	0,001	386,914	0,001	243,768	0,001	149,421	0,001	84,2024	0,0205	53,4086	0,07195	25,99	0,36024	12,6714	0,29053	3,87448	0,04907	4
13.03.2019	537,945	0,001	387,45	0,001	244,185	0,001	149,707	0,001	84,1501	0,02073	53,6362	0,06885	26,1343	0,35184	12,8122	0,2783	3,9255	0,04763	4
14.03.2019	538,257	0,001	387,704	0,001	244,417	0,001	149,759	0,001	84,0701	0,02107	53,8429	0,06613	26,1821	0,34905	12,8686	0,27341	3,94004	0,04722	4
15.03.2019	538,15	0,001	388,008	0,001	244,867	0,001	150,089	0,001	84,3098	0,02004	54,2667	0,06086	26,2386	0,34577	12,89	0,27154	3,90326	0,04826	4
16.03.2019	538,614	0,001	387,703	0,001	244,556	0,001	149,775	0,001	84,2457	0,02031	54,1262	0,06258	25,9709	0,36135	12,5051	0,30498	3,81028	0,05098	4
17.03.2019	537,897	0,001	387,639	0,001	244,543	0,001	149,679	0,001	83,8697	0,02193	53,8751	0,06571	26,1224	0,35253	12,6717	0,29051	3,84034	0,05004	4
18.03.2019	538,769	0,001	388,262	0,001	244,729	0,001	149,8	0,001	83,8559	0,02199	54,0298	0,06377	26,2719	0,34383	12,7263	0,28576	3,87015	0,04919	4
19.03.2019	538,662	0,001	388,528	0,001	245,253	0,001	150,092	0,001	84,0964	0,02096	54,3318	0,06006	26,281	0,3433	12,7422	0,28439	3,89235	0,04856	4
20.03.2019	538,694	0,001	388,516	0,001	245,235	0,001	149,907	0,001	83,7196	0,02258	54,1894	0,06181	26,4219	0,3351	12,9603	0,26544	3,93971	0,04723	4
21.03.2019	537,395	0,001	387,582	0,001	244,634	0,001	149,136	0,001	83,0425	0,0256	53,629	0,06894	26,7061	0,31855	13,3225	0,23398	4,03639	0,04455	4
22.03.2019	537,806	0,001	387,499	0,001	244,755	0,001	149,3	0,001	82,9286	0,02618	53,4355	0,07157	26,5711	0,32641	13,0622	0,25659	3,99633	0,04563	4

23.03.2019	536,742	0,001	386,678	0,001	244,03	0,001	148,733	0,001	82,2033	0,02991	52,6293	0,08345	26,585	0,32561	13,0975	0,25352	3,96905	0,0464	4
24.03.2019	537,29	0,001	386,481	0,001	243,376	0,001	147,927	0,001	81,6399	0,03325	51,9125	0,09532	25,9657	0,36165	12,2024	0,33128	3,85614	0,04959	4
25.03.2019	537,629	0,001	386,705	0,001	243,967	0,001	148,349	0,001	81,5411	0,03384	51,7382	0,09842	26,1172	0,35283	12,4128	0,313	3,84714	0,04984	4
26.03.2019	539,212	0,001	388,066	0,001	244,46	0,001	148,546	0,001	81,5358	0,03387	51,8791	0,09591	26,4218	0,33511	12,6713	0,29055	3,83812	0,05011	4
27.03.2019	540,395	0,001	389,048	0,001	245,741	0,001	149,668	0,001	82,7227	0,02724	53,0091	0,07767	26,4422	0,33391	12,72	0,28632	3,73148	0,05345	4
28.03.2019	541,075	0,001	389,297	0,001	245,786	0,001	149,669	0,001	82,626	0,02774	52,9853	0,07803	26,498	0,33067	12,6976	0,28826	3,69524	0,05459	4
29.03.2019	540,026	0,001	388,28	0,001	245,119	0,001	148,804	0,001	81,6644	0,03311	51,9701	0,09432	26,6662	0,32088	12,9068	0,27009	3,77598	0,05206	4
30.03.2019	540,094	0,001	388,145	0,001	244,787	0,001	148,368	0,001	81,1055	0,03664	51,3584	0,1058	26,5223	0,32925	12,6563	0,29185	3,73259	0,05342	4
31.03.2019	540,443	0,001	388,173	0,001	244,866	0,001	148,299	0,001	81,036	0,03711	51,2379	0,10819	26,4143	0,33554	12,475	0,3076	3,67339	0,0553	4
1.04.2019	541,044	0,001	388,476	0,001	244,625	0,001	147,809	0,001	80,4864	0,04092	50,6325	0,12023	26,2821	0,34324	12,129	0,33766	3,43756	0,06377	4
2.04.2019	541,591	0,001	388,872	0,001	245,095	0,001	148,052	0,001	81,237	0,03574	51,3505	0,10595	25,7248	0,37568	11,5623	0,38689	3,08174	0,0792	4
3.04.2019	540,464	0,001	389,524	0,001	245,972	0,001	148,755	0,001	81,5012	0,03408	51,5291	0,1024	26,2158	0,3471	12,0719	0,34261	3,08588	0,079	4
4.04.2019	541,749	0,001	390,116	0,001	246,205	0,001	149,086	0,001	81,8613	0,03193	51,696	0,09918	25,9847	0,36055	11,6873	0,37603	2,94278	0,08629	4
5.04.2019	540,903	0,001	389,928	0,001	246,835	0,001	149,538	0,001	82,5424	0,02817	52,3522	0,0879	25,7197	0,37597	11,4274	0,39861	2,71918	0,09917	4
6.04.2019	541,899	0,001	390,479	0,001	247,195	0,001	149,775	0,001	82,5142	0,02831	52,0687	0,09264	25,9408	0,36311	11,655	0,37883	2,81242	0,09357	4
7.04.2019	541,303	0,001	389,626	0,001	247,027	0,001	149,435	0,001	82,1948	0,02995	51,6719	0,09961	26,092	0,3543	11,7712	0,36874	2,91334	0,08789	4
8.04.2019	539,79	0,001	387,836	0,001	246,094	0,001	148,462	0,001	81,7542	0,03257	51,2352	0,10825	26,7227	0,31759	12,4458	0,31014	3,16788	0,07511	4
9.04.2019	540,559	0,001	388,362	0,001	246,512	0,001	148,677	0,001	81,4112	0,03462	50,7813	0,11727	26,8163	0,31214	12,4835	0,30686	3,23133	0,07229	4
10.04.2019	539,102	0,001	386,615	0,001	246,515	0,001	148,594	0,001	81,4305	0,0345	50,865	0,11561	27,0652	0,29765	12,8851	0,27197	3,40389	0,06505	4
11.04.2019	537,939	0,001	385,48	0,001	245,127	0,001	147,022	0,001	80,1515	0,04345	49,5004	0,14582	27,361	0,28043	13,1133	0,25215	3,61089	0,05746	4
12.04.2019	538,462	0,001	385,701	0,001	245,85	0,001	147,552	0,001	79,994	0,04463	49,3868	0,14847	27,1393	0,29334	12,8154	0,27803	3,49588	0,06157	4
13.04.2019	538,8	0,001	385,895	0,001	245,647	0,001	147,159	0,001	79,4743	0,0489	48,8166	0,16342	27,0399	0,29912	12,6347	0,29373	3,3872	0,06573	4
14.04.2019	539,271	0,001	386,211	0,001	245,83	0,001	147,183	0,001	79,2932	0,05043	48,6788	0,16709	26,7791	0,31431	12,3925	0,31477	3,23344	0,07219	4
15.04.2019	539,905	0,001	386,302	0,001	245,816	0,001	147,048	0,001	79,0515	0,05261	48,3591	0,17566	26,8334	0,31115	12,3228	0,32082	3,19158	0,07405	4
16.04.2019	540,601	0,001	386,995	0,001	246,349	0,001	147,429	0,001	79,3179	0,0502	48,5318	0,171	26,7218	0,31764	12,1794	0,33328	3,07298	0,07962	4
17.04.2019	541,357	0,001	387,447	0,001	246,593	0,001	147,504	0,001	79,2708	0,05063	48,3908	0,17475	26,8608	0,30955	12,2688	0,32551	3,10359	0,07816	4
18.04.2019	540,559	0,001	387,532	0,001	246,022	0,001	146,762	0,001	79,2944	0,05042	48,3761	0,17515	25,7091	0,37659	11,0577	0,43072	2,63066	0,10532	4
19.04.2019	539,443	0,001	387,018	0,001	245,057	0,001	145,681	0,001	79,1784	0,05146	48,4641	0,1728	24,2988	0,45869	9,58777	0,55841	1,9076	0,16769	4
20.04.2019	540,157	0,001	387,955	0,001	245,563	0,001	145,94	0,001	78,9042	0,05393	48,3354	0,17636	24,0467	0,47336	9,31203	0,58237	1,69986	0,19272	4
21.04.2019	542,378	0,001	389,169	0,001	246,474	0,001	146,709	0,001	79,3551	0,04988	48,483	0,17229	24,4604	0,44927	9,69961	0,5487	1,8501	0,17387	4
22.04.2019	544,204	0,001	390,808	0,001	247,756	0,001	147,77	0,001	80,3753	0,04176	49,0991	0,15591	24,716	0,4344	9,93515	0,52824	1,83796	0,17521	4
23.04.2019	544,818	0,001	391,174	0,001	248,14	0,001	147,973	0,001	80,3427	0,04201	48,8797	0,16174	25,4967	0,38895	10,6916	0,46252	2,23499	0,13554	4
24.04.2019	544,13	0,001	390,147	0,001	246,972	0,001	146,565	0,001	78,6973	0,05586	47,6305	0,19721	25,0866	0,41282	10,2581	0,50018	2,17042	0,14128	4
25.04.2019	542,944	0,001	388,858	0,001	246,014	0,001	145,407	0,001	77,5487	0,06775	46,4261	0,24969	25,5631	0,38509	10,7102	0,46091	2,35404	0,12496	4
26.04.2019	543,092	0,001	388,73	0,001	245,554	0,001	144,76	0,001	76,7455	0,07725	45,7325	0,28073	25,2461	0,40354	10,3955	0,48824	2,19132	0,13942	4
27.04.2019	542,665	0,001	387,953	0,001	244,91	0,001	143,929	0,001	75,8075	0,08966	44,9916	0,31389	25,6048	0,38266	10,783	0,45458	2,40164	0,12158	4
28.04.2019	542,758	0,001	388,476	0,001	244,942	0,001	143,806	0,001	75,6054	0,09256	44,7667	0,32396	25,3678	0,39646	10,4706	0,48172	2,30926	0,12893	4
29.04.2019	542,921	0,001	388,246	0,001	244,857	0,001	143,544	0,001	75,2068	0,09846	44,1352	0,35222	25,9821	0,3607	11,1558	0,4222	2,67733	0,102	4
30.04.2019	543,822	0,001	388,863	0,001	245,1	0,001	143,617	0,001	75,1722	0,09898	43,9136	0,36214	25,9007	0,36543	11,0923	0,42771	2,51393	0,11361	4
1.05.2019	544,396	0,001	389,178	0,001	245,354	0,001	143,7	0,001	75,1216	0,09974	43,7992	0,36726	26,076	0,35523	11,2183	0,41677	2,61949	0,10611	4

2.05.2019	544,58	0,001	389,228	0,001	245,103	0,001	143,314	0,001	74,9489	0,1026	43,5385	0,37893	25,2448	0,40362	10,2424	0,50154	2,16724	0,14156	4
3.05.2019	545,109	0,001	389,506	0,001	245,319	0,001	143,394	0,001	74,8796	0,10376	43,5765	0,37723	25,3391	0,39813	10,3174	0,49503	2,11416	0,14628	4
4.05.2019	545,779	0,001	389,915	0,001	245,403	0,001	143,582	0,001	74,6021	0,10841	43,1958	0,39427	25,7872	0,37204	10,7468	0,45772	2,35466	0,12492	4
5.05.2019	546,656	0,001	390,546	0,001	245,872	0,001	143,906	0,001	74,8512	0,10423	43,368	0,38656	25,7398	0,3748	10,6505	0,46609	2,32668	0,12738	4
6.05.2019	547,271	0,001	391,05	0,001	246,162	0,001	143,997	0,001	74,6287	0,10796	42,9291	0,4062	26,1727	0,3496	11,055	0,43095	2,47198	0,11659	4
7.05.2019	546,953	0,001	390,443	0,001	245,496	0,001	143,246	0,001	74,0515	0,11763	42,1184	0,44249	26,6599	0,32125	11,8673	0,36039	2,80923	0,09375	4
8.05.2019	547,238	0,001	390,507	0,001	245,476	0,001	143,064	0,001	73,6855	0,12375	41,5265	0,46898	26,2804	0,34333	11,9397	0,3541	2,84283	0,09182	4
9.05.2019	546,545	0,001	389,373	0,001	244,55	0,001	142,322	0,001	73,3711	0,1297	40,8932	0,49732	25,6463	0,38024	13,0122	0,26093	3,35029	0,06724	4
10.05.2019	547,04	0,001	389,58	0,001	244,291	0,001	142,317	0,001	72,8075	0,14073	39,9699	0,53865	24,7419	0,43289	12,3826	0,31562	2,97165	0,08474	4
11.05.2019	546,981	0,001	389,304	0,001	244,233	0,001	142,501	0,001	72,8313	0,14027	40,4808	0,51578	25,2261	0,4047	12,3198	0,32108	3,05411	0,08055	4
12.05.2019	546,571	0,001	388,649	0,001	243,535	0,001	141,776	0,001	72,0047	0,15735	39,2079	0,57275	23,9994	0,47611	11,9447	0,35366	2,78956	0,09488	4
13.05.2019	542,672	0,001	385,358	0,001	239,996	0,001	141,809	0,001	72,2028	0,15293	39,774	0,54742	24,4937	0,44734	11,1304	0,42441	2,56153	0,11023	4
14.05.2019	543,752	0,001	385,898	0,001	241	0,001	141,608	0,001	71,8093	0,16171	39,2534	0,57072	23,9312	0,48008	11,0576	0,43073	2,22852	0,13611	4
15.05.2019	535,149	0,001	381,681	0,001	240,525	0,001	140,391	0,001	72,0165	0,15709	39,808	0,54589	24,4697	0,44873	10,4069	0,48726	1,90281	0,16821	4
16.05.2019	535,159	0,001	383,947	0,001	241,722	0,001	140,052	0,001	71,2666	0,17381	39,8538	0,54384	24,4886	0,44764	10,6205	0,4687	2,11511	0,14619	4
17.05.2019	531,928	0,001	380,777	0,001	242,591	0,001	141,164	0,001	71,9421	0,15875	40,1757	0,52944	24,794	0,42986	10,6894	0,46271	2,02593	0,15498	4
18.05.2019	531,37	0,001	380,556	0,001	243,95	0,001	142,362	0,001	74,038	0,11785	40,4594	0,51674	24,3346	0,4566	9,45212	0,5702	1,34047	0,31479	4
19.05.2019	530,533	0,001	379,757	0,001	243,46	0,001	142,561	0,001	74,244	0,1144	40,942	0,49514	24,7179	0,43429	9,57837	0,55923	1,40751	0,2893	4
20.05.2019	529,511	0,001	377,823	0,001	242,051	0,001	141,936	0,001	73,4737	0,12769	40,3454	0,52184	24,0496	0,47319	9,28996	0,58429	1,18453	0,37407	4
21.05.2019	528,479	0,001	376,726	0,001	241,082	0,001	141,085	0,001	73,9855	0,11873	41,1656	0,48513	23,6016	0,49927	8,45233	0,65705	0,82436	0,511	4
22.05.2019	530,323	0,001	378,283	0,001	242,578	0,001	142,176	0,001	74,3999	0,11179	41,0883	0,48859	23,5974	0,49951	8,49375	0,65345	0,65004	0,57727	4
23.05.2019	529,759	0,001	377,274	0,001	241,991	0,001	142,685	0,001	74,6605	0,10743	41,1017	0,48799	23,7644	0,48979	8,68785	0,63659	0,71042	0,55432	4
24.05.2019	533,102	0,001	380,223	0,001	244,026	0,001	143,469	0,001	76,4655	0,08079	42,2724	0,43559	23,6111	0,49871	8,32806	0,66785	0,28956	0,71432	4
25.05.2019	534,49	0,001	381,362	0,001	245,436	0,001	145,109	0,001	78,6055	0,05676	42,6014	0,42087	23,2545	0,51947	7,9849	0,69766	0,10006	0,78637	4
26.05.2019	533,041	0,001	379,826	0,001	243,808	0,001	144,301	0,001	77,1423	0,07243	42,1222	0,44232	23,9143	0,48107	8,6193	0,64255	0,17089	0,75944	4
27.05.2019	534,018	0,001	380,642	0,001	244,398	0,001	144,928	0,001	77,89	0,06401	43,1063	0,39827	24,8546	0,42633	9,53369	0,56311	0,24721	0,73042	4
28.05.2019	535,026	0,001	381,234	0,001	244,594	0,001	145,384	0,001	78,3855	0,05891	43,276	0,39068	25,1636	0,40834	9,81551	0,53863	0,46963	0,64587	4
29.05.2019	535,079	0,001	381,076	0,001	244,196	0,001	144,195	0,001	77,1134	0,07277	43,3627	0,3868	24,8273	0,42792	9,47812	0,56794	0,3878	0,67697	4
30.05.2019	534,353	0,001	379,974	0,001	242,871	0,001	142,984	0,001	75,9051	0,08831	41,7157	0,46051	25,0686	0,41388	9,64161	0,55374	0,54105	0,61871	4
31.05.2019	533,599	0,001	379,535	0,001	242,201	0,001	143,431	0,001	76,0842	0,08584	42,0966	0,44346	25,5488	0,38592	10,1785	0,5071	0,6159	0,59026	4
1.06.2019	534,689	0,001	380,109	0,001	242,645	0,001	142,59	0,001	75,2402	0,09795	41,4823	0,47096	25,1524	0,409	9,69826	0,54882	0,30932	0,70681	4
2.06.2019	533,11	0,001	378,664	0,001	241,088	0,001	141,138	0,001	73,7021	0,12348	40,9563	0,4945	25,1257	0,41055	9,67469	0,55086	0,42453	0,66301	4
3.06.2019	531,924	0,001	377,062	0,001	239,217	0,001	138,625	0,001	71,5014	0,16857	39,7402	0,54893	24,1853	0,46529	9,82696	0,53764	0,79191	0,52334	4
4.06.2019	531,948	0,001	377,221	0,001	239,191	0,001	138,85	0,001	72,0189	0,15703	39,2892	0,56911	23,7374	0,49136	10,3247	0,49439	1,08897	0,4104	4
5.06.2019	533,47	0,001	378,864	0,001	240,742	0,001	139,976	0,001	72,4182	0,14836	39,7226	0,54971	24,075	0,47171	9,91116	0,53032	0,94944	0,46345	4
6.06.2019	534,664	0,001	379,818	0,001	241,292	0,001	140,189	0,001	72,5195	0,14637	39,5179	0,55888	23,7214	0,49229	9,78029	0,54169	0,82543	0,5106	4
7.06.2019	534,715	0,001	379,622	0,001	240,813	0,001	139,91	0,001	72,362	0,14946	39,5772	0,55622	23,7615	0,48996	9,8578	0,53496	0,89838	0,48286	4
8.06.2019	535,073	0,001	379,882	0,001	241,084	0,001	139,697	0,001	71,9896	0,15769	39,5985	0,55527	23,6204	0,49817	9,64057	0,55383	0,8403	0,50494	4
9.06.2019	536,093	0,001	380,576	0,001	241,619	0,001	140,385	0,001	72,6007	0,14478	39,7934	0,54655	23,9257	0,4804	10,0634	0,5171	1,06937	0,41785	4
10.06.2019	537,136	0,001	381,319	0,001	242,598	0,001	140,991	0,001	72,9119	0,13869	40,071	0,53412	23,815	0,48684	9,69322	0,54925	0,82485	0,51082	4

11.06.2019	537,395	0,001	381,361	0,001	243,046	0,001	141,36	0,001	73,2021	0,13301	40,1063	0,53254	23,7268	0,49198	9,61913	0,55569	0,7096	0,55463	4
12.06.2019	538,927	0,001	382,602	0,001	243,36	0,001	141,513	0,001	73,0566	0,13586	40,0462	0,53523	23,3947	0,51131	8,71737	0,63403	0,38728	0,67717	4
13.06.2019	539,765	0,001	383,207	0,001	243,875	0,001	141,83	0,001	73,3735	0,12965	40,237	0,52669	23,5768	0,50071	8,60477	0,64381	0,3233	0,7015	4
14.06.2019	539,862	0,001	383,016	0,001	243,492	0,001	141,157	0,001	73,2625	0,13183	40,0718	0,53409	23,9124	0,48117	9,3216	0,58154	0,71386	0,55301	4
15.06.2019	540,916	0,001	383,773	0,001	244,217	0,001	141,72	0,001	73,2809	0,13147	40,2656	0,52541	24,1366	0,46813	9,71202	0,54762	0,76619	0,53312	4
16.06.2019	541,149	0,001	383,77	0,001	243,997	0,001	141,711	0,001	73,2549	0,13197	40,4402	0,5176	24,4359	0,4507	10,0458	0,51862	0,89467	0,48427	4
17.06.2019	543,028	0,001	385,22	0,001	244,729	0,001	142,207	0,001	73,0287	0,1364	40,1977	0,52845	24,1225	0,46894	9,25241	0,58755	0,65575	0,5751	4
18.06.2019	544,085	0,001	386,056	0,001	245,365	0,001	142,167	0,001	72,8821	0,13927	39,9405	0,53996	23,8711	0,48358	8,96021	0,61293	0,46741	0,64671	4
19.06.2019	544,033	0,001	385,711	0,001	244,89	0,001	142,345	0,001	72,8802	0,13931	39,8276	0,54501	23,7785	0,48897	8,68347	0,63697	0,36913	0,68407	4
20.06.2019	544,789	0,001	386,237	0,001	245,12	0,001	142,769	0,001	73,071	0,13558	39,9065	0,54148	23,7876	0,48844	8,35535	0,66548	0,1701	0,75974	4
21.06.2019	543,491	0,001	384,717	0,001	244,209	0,001	143,054	0,001	73,3439	0,13023	40,078	0,53381	23,7697	0,48948	8,06511	0,69069	0,03755	0,84665	4
22.06.2019	542,426	0,001	383,134	0,001	242,377	0,001	142,787	0,001	73,0421	0,13614	39,7521	0,5484	23,9473	0,47915	8,45039	0,65722	0,07101	0,79741	4
23.06.2019	541,16	0,001	381,612	0,001	241	0,001	142,385	0,001	72,6875	0,14309	39,2662	0,57014	23,4143	0,51017	8,45093	0,65717	0,09826	0,78705	4
24.06.2019	541,373	0,001	381,568	0,001	240,557	0,001	142,96	0,001	73,1226	0,13457	39,4149	0,56349	23,3771	0,51233	8,48146	0,65452	0,05959	0,80753	4
25.06.2019	538,771	0,001	378,715	0,001	237,166	0,001	141,942	0,001	72,4613	0,14751	38,3121	0,61285	22,0881	0,58737	8,53189	0,65014	0,08058	0,79377	4
26.06.2019	531,726	0,001	371,449	0,001	229,95	0,001	136,773	0,001	68,0936	0,27709	36,7574	0,68243	20,667	0,67009	7,78467	0,71505	0,31294	0,70543	4
27.06.2019	534,627	0,001	373,894	0,001	233,624	0,001	139,035	0,001	69,9537	0,20895	36,3573	0,70034	19,9925	0,70935	7,80054	0,71367	0,18508	0,75405	4
28.06.2019	530,035	0,001	369,57	0,001	228,463	0,001	138,185	0,001	69,3734	0,23021	36,491	0,69435	20,1552	0,69988	7,81577	0,71235	0,47696	0,64308	4
29.06.2019	538,664	0,001	378,166	0,001	237,526	0,001	137,009	0,001	67,3011	0,30613	36,2927	0,70323	20,1468	0,70037	7,85827	0,70866	0,14428	0,76955	4
30.06.2019	530,487	0,001	370,13	0,001	231,64	0,001	136,353	0,001	66,9765	0,31802	35,6711	0,73105	19,4848	0,73891	8,02331	0,69432	0,63677	0,58232	4
1.07.2019	532,621	0,001	371,984	0,001	233,883	0,001	137,08	0,001	67,3361	0,30485	35,8684	0,72222	19,672	0,72801	8,09571	0,68803	0,49672	0,63556	4
2.07.2019	533,095	0,001	372,268	0,001	233,248	0,001	138,87	0,001	69,1502	0,23839	35,6736	0,73093	19,4842	0,73894	8,15285	0,68307	0,54215	0,61829	4
3.07.2019	655,59	0,001	383,57	0,001	224,898	0,001	140,177	0,001	76,6335	0,07865	36,2164	0,70664	19,3685	0,74568	8,33487	0,66726	0,99894	0,44463	3
4.07.2019	529,931	0,001	368,833	0,001	230,366	0,001	137,703	0,001	67,3092	0,30583	35,5473	0,73659	19,289	0,7503	7,84213	0,71006	0,6057	0,59413	4
5.07.2019	656,628	0,001	383,3	0,001	224,195	0,001	139,471	0,001	77,0361	0,07369	36,2243	0,70629	19,4358	0,74175	8,30872	0,66953	0,9346	0,46909	3
6.07.2019	529,543	0,001	367,92	0,001	229,617	0,001	137,632	0,001	67,4019	0,30244	35,2726	0,74888	18,9937	0,76749	7,80976	0,71287	0,60906	0,59285	4
7.07.2019	526,584	0,001	364,708	0,001	227,889	0,001	138,671	0,001	68,2506	0,27134	35,0332	0,7596	18,8618	0,77517	7,65184	0,72659	0,4445	0,65542	4
8.07.2019	524,914	0,001	362,784	0,001	224,882	0,001	138,409	0,001	68,2589	0,27104	34,8796	0,76647	18,7249	0,78314	7,54835	0,73558	0,47712	0,64302	4
9.07.2019	523,474	0,001	361,246	0,001	223,292	0,001	136,998	0,001	67,2175	0,30919	34,3686	0,78934	18,2442	0,81024	7,40611	0,74794	0,57791	0,6047	4
10.07.2019	522,234	0,001	359,727	0,001	222,434	0,001	136,127	0,001	66,4352	0,33785	34,2975	0,79253	18,1541	0,81507	7,39145	0,74921	0,88862	0,48657	4
11.07.2019	524,473	0,001	361,743	0,001	224,226	0,001	136,965	0,001	67,3807	0,30321	34,1804	0,79777	17,9914	0,82378	7,51006	0,73891	1,03244	0,43189	4
12.07.2019	522,072	0,001	359,081	0,001	223,182	0,001	136,796	0,001	66,7353	0,32686	34,7879	0,77058	18,5594	0,79277	7,46792	0,74257	0,90184	0,48154	4
13.07.2019	520,022	0,001	356,696	0,001	223,396	0,001	135,241	0,001	64,7447	0,39978	34,9126	0,765	18,5517	0,79322	7,47968	0,74155	1,09688	0,40739	4
14.07.2019	653,78	0,001	376,436	0,001	217,175	0,001	138,767	0,001	75,5413	0,09349	35,7747	0,72641	19,2053	0,75517	8,39132	0,66235	1,76537	0,18441	3
15.07.2019	656,034	0,001	378,224	0,001	217,437	0,001	138,569	0,001	74,329	0,11298	36,7705	0,68184	19,5941	0,73254	8,74707	0,63145	2,5247	0,11284	3
16.07.2019	523,467	0,001	359,339	0,001	225,178	0,001	136,385	0,001	66,5901	0,33218	35,1768	0,75317	18,6018	0,7903	8,46858	0,65564	2,34379	0,12586	4
17.07.2019	523,288	0,001	358,781	0,001	224,422	0,001	138,01	0,001	67,887	0,28467	35,385	0,74385	18,8034	0,77857	8,36359	0,66476	1,9535	0,16276	4
18.07.2019	661,512	0,001	380,942	0,001	220,055	0,001	140,567	0,001	75,8735	0,08875	36,8091	0,68011	19,4282	0,7422	8,59434	0,64472	1,97839	0,16009	3
19.07.2019	660,47	0,001	379,462	0,001	218,863	0,001	139,565	0,001	75,0781	0,10044	36,2065	0,70708	19,1403	0,75896	8,32632	0,668	1,79289	0,18092	3
20.07.2019	659,795	0,001	378,516	0,001	217,435	0,001	137,94	0,001	74,9431	0,1027	36,5643	0,69107	19,3115	0,74899	8,28564	0,67153	1,74878	0,18651	3

20.07.2019	659,795	0,001	378,516	0,001	217,435	0,001	137,94	0,001	74,9431	0,1027	36,5643	0,69107	19,3115	0,74899	8,28564	0,67153	1,74878	0,18651	3
21.07.2019	660,434	0,001	378,603	0,001	217,56	0,001	137,75	0,001	74,5487	0,1093	36,8269	0,67932	19,4963	0,73823	8,4734	0,65522	1,84828	0,17407	3
22.07.2019	660,01	0,001	377,767	0,001	217,017	0,001	137,257	0,001	74,2841	0,11373	36,9296	0,67472	19,5184	0,73694	8,45242	0,65704	1,94217	0,16398	3
23.07.2019	661,57	0,001	378,857	0,001	217,835	0,001	138,033	0,001	74,8195	0,10477	37,2864	0,65875	19,8191	0,71944	8,77441	0,62907	2,15356	0,14278	3
24.07.2019	662,998	0,001	379,866	0,001	218,577	0,001	138,825	0,001	75,6421	0,09203	37,7326	0,63878	20,1785	0,69852	9,16625	0,59503	2,28007	0,13153	3
25.07.2019	520,702	0,001	354,704	0,001	223,042	0,001	138,659	0,001	67,521	0,29807	36,3583	0,70029	19,4374	0,74166	8,72209	0,63362	1,97917	0,16001	4
26.07.2019	521,018	0,001	354,765	0,001	223,238	0,001	138,612	0,001	67,2776	0,30699	36,4356	0,69683	19,4481	0,74104	8,73918	0,63213	2,00842	0,15686	4
27.07.2019	521,843	0,001	355,407	0,001	223,71	0,001	138,748	0,001	67,3328	0,30497	36,2687	0,7043	19,2953	0,74993	8,63024	0,6416	2,12061	0,14571	4
28.07.2019	522,682	0,001	355,96	0,001	224,026	0,001	138,944	0,001	67,4236	0,30164	36,245	0,70536	19,2052	0,75518	8,54495	0,64901	2,14347	0,14367	4
29.07.2019	523,736	0,001	356,813	0,001	224,651	0,001	139,197	0,001	67,5794	0,29593	36,2041	0,70719	19,1396	0,759	8,54715	0,64881	2,19453	0,13913	4
30.07.2019	524,151	0,001	356,967	0,001	224,543	0,001	139,511	0,001	67,7988	0,2879	36,0798	0,71275	19,0579	0,76375	8,49556	0,6533	2,21204	0,13758	4
31.07.2019	524,96	0,001	357,552	0,001	224,836	0,001	139,795	0,001	67,9572	0,28209	36,1242	0,71077	19,0888	0,76195	8,48603	0,65412	2,10549	0,14705	4
1.08.2019	524,579	0,001	356,96	0,001	224,055	0,001	139,599	0,001	67,6626	0,29289	35,9283	0,71953	19,0626	0,76348	8,31098	0,66933	1,96556	0,16147	4
2.08.2019	524,698	0,001	356,821	0,001	223,767	0,001	139,502	0,001	67,4773	0,29967	35,5539	0,73629	18,8294	0,77706	8,14281	0,68394	2,06074	0,15124	4
3.08.2019	524,515	0,001	356,395	0,001	223,148	0,001	139,441	0,001	67,3362	0,30484	35,3156	0,74696	18,7511	0,78161	8,1184	0,68606	2,10375	0,1472	4
4.08.2019	524,215	0,001	355,825	0,001	222,355	0,001	139,289	0,001	67,2046	0,30967	34,8935	0,76585	18,622	0,78913	8,02809	0,69391	2,05765	0,15157	4
5.08.2019	524,04	0,001	355,533	0,001	221,801	0,001	139,296	0,001	67,1506	0,31164	34,8988	0,76561	18,5821	0,79145	7,98501	0,69765	2,16047	0,14216	4
6.08.2019	524,096	0,001	355,307	0,001	221,443	0,001	139,155	0,001	66,8669	0,32204	34,3235	0,79136	18,2705	0,80883	7,70665	0,72183	1,98766	0,15909	4
7.08.2019	521,458	0,001	352,484	0,001	218,409	0,001	138,718	0,001	66,3739	0,3401	34,1832	0,79764	18,4154	0,80106	7,59728	0,73133	1,93213	0,16506	4
8.08.2019	521,041	0,001	351,806	0,001	218,026	0,001	138,44	0,001	65,8016	0,36106	34,1241	0,80025	18,5005	0,7962	7,5174	0,73827	1,65229	0,19875	4
9.08.2019	520,232	0,001	350,744	0,001	216,512	0,001	137,757	0,001	65,1503	0,38493	34,1298	0,80003	18,409	0,8014	7,48178	0,74136	1,95598	0,1625	4
10.08.2019	521,346	0,001	351,47	0,001	217,477	0,001	138,796	0,001	65,9156	0,35689	34,2848	0,79309	18,529	0,79454	7,71127	0,72143	1,83894	0,17508	4
11.08.2019	521,592	0,001	351,727	0,001	217,551	0,001	139,146	0,001	66,1439	0,34852	34,7068	0,77421	18,8634	0,77507	7,97654	0,69838	1,90191	0,16831	4
12.08.2019	520,143	0,001	350,05	0,001	216,563	0,001	138,256	0,001	65,142	0,38523	34,7739	0,7712	18,8394	0,77647	7,93361	0,70211	1,89771	0,16876	4
13.08.2019	519,898	0,001	349,743	0,001	216,849	0,001	137,614	0,001	64,4508	0,41055	35,141	0,75477	18,9749	0,76858	8,10972	0,68681	2,15901	0,14229	4
14.08.2019	522,267	0,001	351,882	0,001	218,938	0,001	139,117	0,001	65,7224	0,36397	35,1056	0,75636	18,9206	0,77175	8,26188	0,6736	2,39475	0,12207	4
15.08.2019	522,131	0,001	351,883	0,001	218,835	0,001	139,454	0,001	65,9577	0,35535	35,3919	0,74354	19,1522	0,75827	8,32195	0,66838	2,36228	0,12438	4
16.08.2019	522,662	0,001	352,323	0,001	218,902	0,001	139,376	0,001	65,7792	0,36189	35,4008	0,74314	19,1181	0,76025	8,30966	0,66945	2,45826	0,11756	4
17.08.2019	522,35	0,001	351,738	0,001	218,431	0,001	139,541	0,001	65,8492	0,35932	35,1826	0,75291	18,9365	0,77082	8,14168	0,68404	2,49308	0,11509	4
18.08.2019	523,224	0,001	352,369	0,001	218,792	0,001	139,993	0,001	66,2053	0,34628	35,0738	0,75778	18,8619	0,77516	8,07039	0,69023	2,36815	0,12396	4
19.08.2019	522,873	0,001	351,771	0,001	218,215	0,001	139,602	0,001	65,7076	0,36451	34,8914	0,76595	18,8033	0,77858	7,93797	0,70173	2,33385	0,12675	4
20.08.2019	523,479	0,001	352,134	0,001	218,551	0,001	139,344	0,001	65,3303	0,37833	35,0597	0,75841	18,7763	0,78014	7,97734	0,69831	2,48532	0,11564	4
21.08.2019	524,353	0,001	352,745	0,001	219,335	0,001	139,918	0,001	65,8989	0,3575	35,1495	0,75439	18,7814	0,77985	8,0657	0,69064	2,56527	0,10996	4
22.08.2019	524,972	0,001	353,145	0,001	219,496	0,001	140,258	0,001	66,2285	0,34543	35,201	0,75209	18,8034	0,77857	8,09933	0,68772	2,53453	0,11214	4
23.08.2019	525,562	0,001	353,58	0,001	220,022	0,001	140,273	0,001	66,0551	0,35178	35,3403	0,74585	18,8009	0,77871	8,11771	0,68612	2,5566	0,11058	4
24.08.2019	525,739	0,001	353,543	0,001	220,094	0,001	140,379	0,001	66,1018	0,35007	35,1862	0,75275	18,6354	0,78835	8,03751	0,69309	2,63803	0,10479	4
25.08.2019	526,852	0,001	354,41	0,001	220,72	0,001	140,948	0,001	66,4806	0,33619	35,2417	0,75026	18,6941	0,78493	8,10209	0,68748	2,69362	0,10084	4
26.08.2019	527,777	0,001	355,115	0,001	221,092	0,001	141,014	0,001	66,4699	0,33658	35,3203	0,74675	18,6838	0,78553	8,07727	0,68963	2,74169	0,09779	4
27.08.2019	528,064	0,001	355,18	0,001	221,209	0,001	140,928	0,001	66,3778	0,33996	35,4403	0,74138	18,6237	0,78903	8,06369	0,69081	2,82632	0,09277	4
28.08.2019	529,463	0,001	356,396	0,001	222,212	0,001	141,412	0,001	66,6673	0,32935	35,3953	0,74339	18,3979	0,802	8,04177	0,69272	3,02475	0,08204	4
29.08.2019	530,512	0,001	357,358	0,001	222,933	0,001	141,786	0,001	66,9471	0,3191	35,2407	0,75031	18,0887	0,81857	7,96234	0,69962	3,12425	0,07718	4

30.08.2019	530,765	0,001	357,554	0,001	223,072	0,001	142,026	0,001	67,0925	0,31377	35,3689	0,74457	18,1897	0,81316	7,99873	0,69646	3,12223	0,07728	4
31.08.2019	531,242	0,001	357,997	0,001	223,344	0,001	142,087	0,001	67,0361	0,31584	35,0668	0,75809	17,8101	0,83294	7,78268	0,71522	3,16413	0,07528	4
1.09.2019	531,326	0,001	357,808	0,001	222,946	0,001	142,021	0,001	66,8576	0,32238	34,7077	0,77417	17,6498	0,84097	7,58553	0,73235	3,13805	0,07652	4
2.09.2019	531,07	0,001	357,391	0,001	222,263	0,001	141,784	0,001	66,5163	0,33488	34,3996	0,78796	17,6595	0,84048	7,40503	0,74803	3,12482	0,07715	4
3.09.2019	531,556	0,001	357,591	0,001	222,269	0,001	141,754	0,001	66,3604	0,34059	34,2028	0,79676	17,4314	0,85175	7,27729	0,75913	3,13576	0,07663	4
4.09.2019	531,703	0,001	357,472	0,001	221,992	0,001	141,564	0,001	66,0798	0,35087	33,8066	0,81269	17,112	0,86642	7,07375	0,77681	3,15969	0,07549	4
5.09.2019	531,452	0,001	357,134	0,001	221,518	0,001	141,737	0,001	66,2241	0,34559	34,1256	0,80019	17,4968	0,84863	7,2422	0,76218	3,16319	0,07533	4
6.09.2019	532,133	0,001	357,665	0,001	222,016	0,001	142,055	0,001	66,413	0,33867	34,1132	0,80068	17,4454	0,85111	7,31124	0,75618	3,16472	0,07526	4
7.09.2019	531,771	0,001	357,182	0,001	221,459	0,001	142,057	0,001	66,3877	0,33959	34,1305	0,8	17,3697	0,85458	7,30303	0,75689	3,16422	0,07528	4
8.09.2019	532,196	0,001	357,643	0,001	221,833	0,001	142,213	0,001	66,4969	0,33559	34,2218	0,79591	17,305	0,85755	7,37581	0,75057	3,1621	0,07538	4
9.09.2019	531,68	0,001	357,311	0,001	221,573	0,001	142,18	0,001	66,3938	0,33937	34,2581	0,79429	17,2248	0,86124	7,38665	0,74963	3,18013	0,07456	4
10.09.2019	532,517	0,001	358,041	0,001	222,243	0,001	142,493	0,001	66,6508	0,32995	34,3224	0,79141	17,1679	0,86385	7,37015	0,75106	3,17657	0,07471	4
11.09.2019	533,29	0,001	358,833	0,001	222,572	0,001	142,955	0,001	66,802	0,32441	34,1024	0,8011	16,9088	0,87567	7,24106	0,76228	3,18942	0,07414	4
12.09.2019	533,141	0,001	358,883	0,001	222,421	0,001	143,026	0,001	66,7717	0,32553	34,0615	0,8027	16,8542	0,87791	7,11938	0,77285	3,18541	0,07432	4
13.09.2019	532,957	0,001	358,739	0,001	222,126	0,001	142,996	0,001	66,6981	0,32822	33,9519	0,807	16,7592	0,88181	7,04012	0,77973	3,18958	0,07414	4
14.09.2019	532,508	0,001	358,545	0,001	221,813	0,001	142,876	0,001	66,6766	0,32901	33,8881	0,80949	16,6084	0,888	6,96468	0,78628	3,17546	0,07476	4
15.09.2019	532,886	0,001	359,255	0,001	222,388	0,001	143,073	0,001	66,6817	0,32882	33,8053	0,81274	16,3482	0,89868	6,83955	0,79716	3,1324	0,07679	4
16.09.2019	532,851	0,001	359,621	0,001	222,835	0,001	143,259	0,001	66,8084	0,32418	33,8337	0,81163	16,2597	0,90212	6,78075	0,80234	3,13705	0,07657	4
17.09.2019	532,544	0,001	358,851	0,001	222,493	0,001	143,094	0,001	66,921	0,32006	33,9568	0,8068	16,3339	0,89927	6,75222	0,8049	3,20973	0,07324	4
18.09.2019	532,491	0,001	358,23	0,001	222,851	0,001	143,63	0,001	67,4369	0,30115	34,5298	0,78213	16,9499	0,87386	7,18961	0,76674	3,20893	0,07328	4
19.09.2019	532,927	0,001	359,204	0,001	223,6	0,001	143,979	0,001	67,5398	0,29739	34,5228	0,78244	16,8483	0,87815	6,96179	0,78654	3,2279	0,07244	4
20.09.2019	532,978	0,001	359,262	0,001	222,975	0,001	143,968	0,001	67,7029	0,29141	34,6745	0,77565	16,8118	0,87965	6,96942	0,78587	3,22551	0,07255	4
21.09.2019	532,491	0,001	358,918	0,001	222,827	0,001	144,1	0,001	67,6161	0,29459	34,5189	0,78262	16,715	0,88362	6,99013	0,78407	3,21309	0,0731	4
22.09.2019	532,813	0,001	359,649	0,001	223,625	0,001	144,556	0,001	67,8532	0,2859	34,7108	0,77403	16,688	0,88473	6,99807	0,78338	3,1088	0,07791	4
23.09.2019	533,49	0,001	360,558	0,001	224,576	0,001	144,7	0,001	67,8397	0,2864	34,8705	0,76688	16,448	0,89459	6,81428	0,79935	2,82254	0,09298	4
24.09.2019	534,872	0,001	361,937	0,001	225,86	0,001	145,422	0,001	68,1876	0,27365	34,9174	0,76478	16,1227	0,90724	6,63936	0,81505	2,44403	0,11857	4
25.09.2019	535,164	0,001	362,4	0,001	226,717	0,001	146,033	0,001	68,6353	0,25725	35,3227	0,74664	16,3363	0,89917	6,79765	0,80082	2,49931	0,11464	4
26.09.2019	535,108	0,001	362,668	0,001	227,266	0,001	146,317	0,001	68,7914	0,25153	35,4102	0,74273	16,2721	0,90166	6,77561	0,8028	2,44478	0,11852	4
27.09.2019	534,292	0,001	362,072	0,001	227,19	0,001	146,369	0,001	68,7326	0,25369	35,3051	0,74743	16,1619	0,90579	6,57114	0,82118	2,3339	0,12674	4
28.09.2019	534,857	0,001	362,781	0,001	227,586	0,001	146,513	0,001	68,7728	0,25221	35,2868	0,74825	16,0902	0,90844	6,47647	0,82945	2,23052	0,13593	4
29.09.2019	534,922	0,001	362,609	0,001	227,379	0,001	146,416	0,001	68,5083	0,2619	35,0918	0,75697	15,9361	0,91396	6,37748	0,83789	2,12385	0,14542	4
30.09.2019	535,017	0,001	362,581	0,001	227,325	0,001	146,424	0,001	68,5208	0,26145	35,0574	0,75851	15,9578	0,91319	6,36403	0,83904	2,14278	0,14373	4
1.10.2019	535,452	0,001	362,878	0,001	227,433	0,001	146,475	0,001	68,5172	0,26158	35,0133	0,76049	15,9539	0,91333	6,39429	0,83646	2,18564	0,13992	4
2.10.2019	535,712	0,001	362,916	0,001	227,485	0,001	146,539	0,001	68,525	0,26129	34,9486	0,76339	15,8623	0,91651	6,31246	0,84344	2,11079	0,14658	4
3.10.2019	536,579	0,001	363,566	0,001	227,969	0,001	146,784	0,001	68,631	0,25741	35,016	0,76037	15,8636	0,91647	6,35539	0,83977	2,14234	0,14377	4
4.10.2019	536,793	0,001	363,561	0,001	227,994	0,001	146,763	0,001	68,6792	0,25564	35,0198	0,7602	15,8449	0,91711	6,36622	0,83885	2,15489	0,14266	4
5.10.2019	537,604	0,001	364,22	0,001	228,645	0,001	147,217	0,001	68,9929	0,24415	35,2398	0,75035	15,8713	0,91621	6,38816	0,83698	2,14217	0,14379	4
6.10.2019	537,622	0,001	363,922	0,001	228,345	0,001	146,939	0,001	68,6729	0,25587	34,9873	0,76165	15,7839	0,91918	6,35558	0,83976	2,16334	0,14191	4
7.10.2019	538,114	0,001	364,255	0,001	228,398	0,001	147,116	0,001	68,9379	0,24617	35,1403	0,75481	15,8891	0,9156	6,42253	0,83405	2,22063	0,13681	4
8.10.2019	538,019	0,001	363,881	0,001	227,983	0,001	146,724	0,001	68,4467	0,26416	34,7346	0,77296	15,7254	0,92113	6,32027	0,84277	2,24866	0,13432	4

8.10.2019	538,019	0,001	363,881	0,001	227,983	0,001	146,724	0,001	68,4467	0,26416	34,7346	0,77296	15,7254	0,92113	6,32027	0,84277	2,24866	0,13432	4
9.10.2019	537,619	0,001	363,32	0,001	227,401	0,001	146,414	0,001	68,7106	0,25449	34,8158	0,76933	16,0586	0,90961	6,40882	0,83522	2,39175	0,12228	4
10.10.2019	538,679	0,001	364,186	0,001	228,172	0,001	146,964	0,001	68,8478	0,24947	34,8239	0,76897	15,9557	0,91327	6,33341	0,84165	2,29619	0,1301	4
11.10.2019	539,268	0,001	364,352	0,001	228,119	0,001	146,962	0,001	68,7386	0,25347	34,7466	0,77243	15,8111	0,91826	6,33148	0,84181	2,2388	0,1352	4
12.10.2019	539,963	0,001	364,846	0,001	228,351	0,001	147,052	0,001	69,04	0,24242	34,9695	0,76245	16,0604	0,90955	6,49948	0,82748	2,39032	0,12239	4
13.10.2019	539,795	0,001	364,442	0,001	228,089	0,001	146,766	0,001	69,2739	0,23386	35,0968	0,75675	16,3614	0,89814	6,72354	0,80748	2,7136	0,09951	4
14.10.2019	540,361	0,001	364,732	0,001	228,33	0,001	146,934	0,001	69,3692	0,23036	35,1495	0,75439	16,3307	0,8994	6,66843	0,81243	2,63794	0,1048	4
15.10.2019	541,059	0,001	365,194	0,001	228,707	0,001	147,147	0,001	69,5511	0,2237	35,2889	0,74815	16,4479	0,89459	6,72051	0,80775	2,65979	0,10325	4
16.10.2019	542,006	0,001	365,925	0,001	229,02	0,001	147,398	0,001	69,5989	0,22195	35,3156	0,74696	16,4452	0,8947	6,78327	0,80211	2,63203	0,10522	4
17.10.2019	542,447	0,001	366,105	0,001	229,112	0,001	147,382	0,001	70,0011	0,20721	35,6342	0,7327	16,7194	0,88345	6,96962	0,78586	2,82786	0,09268	4
18.10.2019	543,186	0,001	366,621	0,001	229,452	0,001	147,613	0,001	70,0156	0,20668	35,6084	0,73386	16,6822	0,88497	6,96591	0,78618	2,78129	0,09538	4
19.10.2019	543,612	0,001	366,805	0,001	229,463	0,001	147,517	0,001	69,9467	0,20921	35,5486	0,73653	16,7081	0,88391	6,99222	0,78389	2,85251	0,09126	4
20.10.2019	544,281	0,001	367,261	0,001	229,713	0,001	147,665	0,001	69,9775	0,20808	35,521	0,73776	16,6851	0,88485	6,95227	0,78736	2,79581	0,09452	4
21.10.2019	544,966	0,001	367,711	0,001	229,975	0,001	147,835	0,001	70,0553	0,20523	35,5322	0,73727	16,6754	0,88525	6,95098	0,78748	2,75312	0,0971	4
22.10.2019	545,649	0,001	368,206	0,001	230,297	0,001	148,181	0,001	70,3735	0,19568	35,7621	0,72697	16,733	0,88289	6,98063	0,7849	2,66998	0,10252	4
23.10.2019	546,207	0,001	368,561	0,001	230,554	0,001	148,47	0,001	70,3039	0,19739	35,715	0,72908	16,5568	0,89012	6,90311	0,79163	2,53199	0,11232	4
24.10.2019	546,363	0,001	368,4	0,001	230,082	0,001	147,794	0,001	69,7106	0,21785	35,3973	0,7433	16,578	0,88925	6,95317	0,78728	2,76182	0,09657	4
25.10.2019	546,67	0,001	368,535	0,001	229,875	0,001	147,484	0,001	69,514	0,22506	35,1417	0,75474	16,6159	0,88769	6,9262	0,78963	2,86144	0,09075	4
26.10.2019	546,174	0,001	367,81	0,001	229,434	0,001	147,036	0,001	68,973	0,24488	34,5676	0,78044	16,3816	0,89731	6,66135	0,81307	2,67367	0,10226	4
27.10.2019	546,505	0,001	367,911	0,001	229,639	0,001	147,135	0,001	69,0178	0,24324	34,4016	0,78787	16,2819	0,90129	6,60093	0,8185	2,61151	0,10668	4
28.10.2019	547,007	0,001	368,447	0,001	229,462	0,001	146,847	0,001	68,8563	0,24915	34,168	0,79832	16,313	0,90012	6,6449	0,81455	2,72733	0,09867	4
29.10.2019	547,733	0,001	369,021	0,001	229,876	0,001	147,125	0,001	69,0606	0,24167	34,3729	0,78915	16,3961	0,89671	6,71394	0,80834	2,81409	0,09347	4
30.10.2019	548,655	0,001	369,723	0,001	230,47	0,001	147,528	0,001	69,1964	0,2367	34,4012	0,78788	16,4312	0,89528	6,74782	0,8053	2,83546	0,09224	4
31.10.2019	549,479	0,001	370,312	0,001	230,705	0,001	147,819	0,001	69,4613	0,22699	34,5401	0,78167	16,5324	0,89112	6,8546	0,79585	2,91321	0,0879	4
1.11.2019	550,15	0,001	370,749	0,001	230,972	0,001	148,046	0,001	69,5955	0,22207	34,6184	0,77816	16,6498	0,8863	6,9984	0,78336	3,00439	0,08308	4
2.11.2019	550,603	0,001	371,121	0,001	231,175	0,001	148,136	0,001	69,7185	0,21757	34,7486	0,77234	16,7682	0,88144	7,08215	0,77608	3,04431	0,08105	4
3.11.2019	551,242	0,001	371,515	0,001	231,401	0,001	148,254	0,001	69,77	0,21568	34,7006	0,77448	16,7873	0,88066	7,0732	0,77686	3,05894	0,0803	4
4.11.2019	552,027	0,001	372,083	0,001	231,792	0,001	148,571	0,001	69,9907	0,20759	34,9099	0,76511	16,9551	0,87362	7,23349	0,76293	3,16112	0,07543	4
5.11.2019	552,841	0,001	372,634	0,001	232,227	0,001	148,847	0,001	70,1909	0,20026	35,0347	0,75953	17,0651	0,86857	7,37362	0,75076	3,23262	0,07223	4

Maximum Eigen Value Test Stat																		
date	Rank=0		Rank=1		Rank=2		Rank=3		Rank=4		Rank=5		Rank=6		Rank=7		Rank=8	
	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value	Test Stat	P Value
7.09.2018	138,566	0,001	129,476	0,001	60,1338	0,00362	35,8696	0,28367	28,2098	0,40081	18,4346	0,68324	15,2773	0,50995	8,41096	0,59289	4,50228	0,03392
8.09.2018	138,913	0,001	129,699	0,001	60,293	0,00351	35,5988	0,29977	28,2926	0,39553	18,5215	0,67719	15,366	0,50303	8,39632	0,59424	4,48767	0,0342
9.09.2018	138,981	0,001	129,726	0,001	60,4588	0,00338	35,3556	0,31423	28,3816	0,38985	18,4975	0,67886	15,4164	0,4991	8,41624	0,5924	4,58869	0,03228
10.09.2018	139,059	0,001	130,165	0,001	60,6327	0,00325	35,2136	0,32268	28,4678	0,38434	18,5628	0,67432	15,4385	0,49738	8,41946	0,5921	4,63978	0,03132
11.09.2018	139,693	0,001	130,575	0,001	60,8014	0,00313	34,5756	0,36061	28,5578	0,3786	18,5975	0,6719	15,4385	0,49738	8,42129	0,59193	4,72998	0,02967
12.09.2018	139,674	0,001	130,835	0,001	60,9354	0,00303	34,2008	0,3829	28,637	0,37354	18,5462	0,67547	15,5791	0,48641	8,39608	0,59426	4,67071	0,03073
13.09.2018	139,413	0,001	131,303	0,001	61,0836	0,00292	34,5227	0,36376	28,7008	0,36947	18,4019	0,68551	15,6751	0,47893	8,41406	0,5926	4,73207	0,02964
14.09.2018	139,652	0,001	131,647	0,001	61,2454	0,0028	34,758	0,34976	28,7803	0,36439	18,5245	0,67698	15,7248	0,47505	8,53067	0,58183	4,75879	0,02921
15.09.2018	139,32	0,001	131,818	0,001	61,4184	0,00267	34,7728	0,34889	28,8344	0,36094	18,5269	0,67681	15,7949	0,46958	8,52776	0,58209	4,75026	0,02935
16.09.2018	139,743	0,001	132,065	0,001	61,6414	0,0025	34,4327	0,36911	28,8868	0,3576	18,4565	0,68172	15,7999	0,46919	8,55233	0,57982	4,76599	0,0291
17.09.2018	140,234	0,001	132,471	0,001	61,7972	0,00239	34,1709	0,38468	28,9506	0,35352	18,5748	0,67348	15,8773	0,46315	8,53017	0,58187	4,67951	0,03056
18.09.2018	140,534	0,001	132,793	0,001	61,872	0,00233	34,1635	0,38512	28,9444	0,35392	18,4771	0,68028	15,9692	0,45599	8,5422	0,58076	4,65797	0,03097
19.09.2018	140,734	0,001	133,103	0,001	61,9747	0,00226	34,1878	0,38367	29,0072	0,34991	18,4309	0,68349	16,0216	0,4519	8,57168	0,57804	4,72375	0,02977
20.09.2018	141,534	0,001	133,382	0,001	61,745	0,00243	34,395	0,37135	28,8996	0,35678	18,2387	0,69687	16,0305	0,45121	8,64674	0,5711	4,87266	0,0274
21.09.2018	141,891	0,001	133,627	0,001	61,6575	0,00249	34,5733	0,36075	28,7732	0,36485	17,8298	0,72533	15,9903	0,45434	8,68051	0,56798	4,76813	0,02907
22.09.2018	142,035	0,001	133,103	0,001	61,6441	0,0025	34,6396	0,35681	28,8419	0,36046	17,6976	0,73453	15,9416	0,45815	8,71888	0,56443	4,7256	0,02974
23.09.2018	143,65	0,001	134,337	0,001	62,3152	0,002	34,3174	0,37596	29,0149	0,34942	17,3045	0,76188	16,0684	0,44826	8,73292	0,56314	4,9068	0,02686
24.09.2018	141,062	0,001	134,01	0,001	62,3445	0,00198	34,2068	0,38254	29,1553	0,34046	16,9701	0,78515	16,1132	0,44476	8,73046	0,56336	4,66921	0,03076
25.09.2018	141,015	0,001	131,784	0,001	62,2011	0,00209	34,0425	0,39231	29,2368	0,33525	17,1236	0,77447	16,0409	0,4504	8,86889	0,55057	4,57264	0,03259
26.09.2018	140,987	0,001	129,817	0,001	62,2939	0,00202	34,3119	0,37629	29,3129	0,3304	17,3253	0,76044	15,9335	0,45877	8,73191	0,56323	4,62133	0,03167
27.09.2018	141,492	0,001	129,978	0,001	62,609	0,00178	34,4761	0,36653	29,3881	0,32559	17,2675	0,76446	16,0304	0,45122	8,76792	0,5599	4,75641	0,02925
28.09.2018	141,542	0,001	128,953	0,001	62,749	0,00168	34,572	0,36082	29,4612	0,32093	17,224	0,76749	16,0073	0,45302	8,76209	0,56044	4,71335	0,02994
29.09.2018	141,486	0,001	128,364	0,001	62,8123	0,00163	34,6807	0,35436	29,565	0,3143	17,3562	0,75829	15,841	0,46599	8,81522	0,55553	4,63987	0,03131
30.09.2018	141,642	0,001	128,694	0,001	62,9972	0,0015	34,6283	0,35748	29,656	0,30849	17,3824	0,75646	15,8769	0,46319	8,83624	0,55359	4,64553	0,03121
1.10.2018	141,768	0,001	128,529	0,001	63,1643	0,00137	34,6577	0,35573	29,734	0,30351	17,3537	0,75846	15,8123	0,46822	8,81347	0,55569	4,65566	0,03102
2.10.2018	141,229	0,001	128,038	0,001	63,3213	0,00125	34,9701	0,33715	29,8003	0,29928	17,3059	0,76179	15,9653	0,45629	8,88953	0,54866	4,68098	0,03054
3.10.2018	141,463	0,001	127,104	0,001	63,3467	0,00124	34,9578	0,33788	29,8959	0,29318	17,5278	0,74634	16,0588	0,449	8,90325	0,5474	4,75544	0,02927
4.10.2018	141,483	0,001	126,922	0,001	63,5559	0,00108	34,9086	0,34081	29,9934	0,28696	17,6162	0,74019	16,0886	0,44668	8,87648	0,54987	4,83891	0,02794
5.10.2018	141,609	0,001	127,132	0,001	63,6869	0,001	35,2164	0,32251	30,0758	0,2817	17,6673	0,73663	16,1417	0,44254	8,90239	0,54748	4,85522	0,02768
6.10.2018	141,622	0,001	126,827	0,001	63,9388	0,001	35,1313	0,32757	30,1437	0,27736	17,7817	0,72867	16,2396	0,43491	8,88424	0,54915	4,89881	0,02699
7.10.2018	141,971	0,001	127,581	0,001	64,1292	0,001	35,2887	0,31821	30,2095	0,27316	17,9059	0,72003	16,3493	0,42635	8,89593	0,54807	4,99699	0,02543
8.10.2018	142,216	0,001	127,481	0,001	64,3173	0,001	35,1903	0,32406	30,2424	0,27106	17,905	0,72009	16,336	0,42739	8,86141	0,55126	4,97638	0,02576
9.10.2018	142,488	0,001	127,263	0,001	64,4818	0,001	35,0698	0,33123	30,2677	0,26944	17,8801	0,72182	16,3595	0,42555	8,85893	0,55149	4,93806	0,02636
10.10.2018	142,8	0,001	127,394	0,001	64,6737	0,001	35,0877	0,33016	30,2893	0,26807	17,6265	0,73947	16,4205	0,42079	8,88871	0,54874	4,87849	0,02731
11.10.2018	143,202	0,001	126,446	0,001	64,8613	0,001	34,6249	0,35768	30,2699	0,2693	17,8912	0,72105	16,5089	0,4139	8,84339	0,55293	4,80077	0,02855
12.10.2018	143,574	0,001	127,034	0,001	65,0052	0,001	34,9781	0,33668	30,1406	0,27756	18,0644	0,709	16,5494	0,41074	8,90505	0,54723	4,87426	0,02738
13.10.2018	143,926	0,001	127,277	0,001	65,2079	0,001	35,1433	0,32686	30,0541	0,28308	18,1396	0,70376	16,5838	0,40807	8,86544	0,55089	4,85401	0,0277

14.10.2018	144,332	0,001	127,495	0,001	65,3807	0,001	35,1654	0,32554	30,0561	0,28296	18,3762	0,6873	16,6239	0,40493	8,87116	0,55036	4,94816	0,0262
15.10.2018	144,647	0,001	127,967	0,001	65,5251	0,001	35,4208	0,31036	30,1622	0,27618	18,4023	0,68548	16,6459	0,40322	8,95497	0,54262	4,96902	0,02587
16.10.2018	145,029	0,001	128,225	0,001	65,7021	0,001	35,3652	0,31367	30,0041	0,28627	18,4365	0,68311	16,6185	0,40535	8,90833	0,54693	4,91458	0,02674
17.10.2018	145,441	0,001	128,664	0,001	65,8711	0,001	35,3113	0,31687	30,1043	0,27988	18,3614	0,68833	16,6272	0,40468	8,91409	0,54639	4,94632	0,02623
18.10.2018	145,813	0,001	128,825	0,001	66,0419	0,001	35,2829	0,31856	30,2242	0,27223	18,3174	0,69139	16,622	0,40508	8,91238	0,54655	4,91147	0,02679
19.10.2018	146,176	0,001	128,967	0,001	66,2076	0,001	35,2848	0,31845	30,3573	0,26373	18,3305	0,69048	16,6017	0,40667	8,96048	0,54211	4,90623	0,02687
20.10.2018	146,54	0,001	129,146	0,001	66,3735	0,001	35,309	0,317	30,4014	0,26091	18,3744	0,68743	16,5911	0,4075	8,95769	0,54237	4,88938	0,02714
21.10.2018	171,948	0,001	112,087	0,001	74,3949	0,001	62,791	0,001	32,4635	0,15781	28,1071	0,10378	16,7375	0,39608	8,59728	0,57567	4,93315	0,02644
22.10.2018	172,369	0,001	112,29	0,001	74,4925	0,001	62,8965	0,001	32,5267	0,15555	28,1759	0,10183	16,7614	0,39422	8,61116	0,57439	4,92939	0,0265
23.10.2018	172,774	0,001	112,419	0,001	74,6366	0,001	63,0853	0,001	32,6103	0,15256	28,3163	0,09809	16,7145	0,39787	8,63125	0,57253	4,92874	0,02651
24.10.2018	173,187	0,001	112,408	0,001	74,7763	0,001	63,2263	0,001	32,6195	0,15223	28,4221	0,09543	16,7279	0,39683	8,65217	0,5706	4,90148	0,02695
25.10.2018	173,57	0,001	112,489	0,001	74,8128	0,001	63,3566	0,001	32,6351	0,15167	28,5638	0,09201	16,7603	0,3943	8,66412	0,56949	4,92446	0,02658
26.10.2018	173,976	0,001	112,614	0,001	74,9246	0,001	63,5185	0,001	32,6036	0,1528	28,6745	0,08938	16,7882	0,39213	8,67649	0,56835	4,93574	0,0264
27.10.2018	174,415	0,001	112,537	0,001	75,0039	0,001	63,6741	0,001	32,5671	0,15411	28,8144	0,08618	16,7891	0,39205	8,68741	0,56734	4,90664	0,02686
28.10.2018	174,841	0,001	112,888	0,001	75,074	0,001	63,8109	0,001	32,3926	0,16034	28,8527	0,08529	16,7988	0,3913	8,70049	0,56613	4,90901	0,02683
29.10.2018	175,259	0,001	112,843	0,001	75,1169	0,001	63,9323	0,001	32,435	0,15883	28,9765	0,08258	16,8364	0,38837	8,71143	0,56512	4,81907	0,02826
30.10.2018	175,688	0,001	113,012	0,001	75,1982	0,001	64,0619	0,001	32,4408	0,15862	29,0847	0,08022	16,8488	0,3874	8,72853	0,56354	4,86438	0,02754
31.10.2018	176,116	0,001	113,035	0,001	75,2136	0,001	64,1906	0,001	32,466	0,15772	29,1893	0,07805	16,8449	0,3877	8,72693	0,56369	4,84972	0,02777
1.11.2018	176,545	0,001	113,073	0,001	75,3608	0,001	64,3951	0,001	32,3976	0,16017	29,2844	0,0761	16,8168	0,3899	8,75532	0,56107	4,87224	0,02741
2.11.2018	176,958	0,001	113,541	0,001	75,6593	0,001	64,4301	0,001	32,394	0,1603	29,3447	0,07486	16,8576	0,38671	8,73982	0,5625	4,90291	0,02692
3.11.2018	177,367	0,001	113,645	0,001	75,9182	0,001	64,576	0,001	32,6158	0,15236	29,4267	0,07327	16,9016	0,38328	8,74496	0,56202	4,85985	0,02761
4.11.2018	177,676	0,001	113,657	0,001	76,3367	0,001	64,6945	0,001	32,6797	0,15008	29,5111	0,07163	16,8707	0,38569	8,75303	0,56128	4,82796	0,02811
5.11.2018	177,908	0,001	113,814	0,001	76,4413	0,001	64,8468	0,001	32,8808	0,14377	29,5988	0,06993	16,9013	0,3833	8,77055	0,55966	4,82759	0,02812
6.11.2018	177,935	0,001	114,199	0,001	76,6335	0,001	64,9084	0,001	33,0396	0,13879	29,7013	0,06805	16,7401	0,39587	8,75111	0,56146	4,77157	0,02901
7.11.2018	178,483	0,001	113,945	0,001	76,8158	0,001	65,1771	0,001	33,1722	0,13463	29,7192	0,06773	16,7564	0,3946	8,78902	0,55795	4,63294	0,03145
8.11.2018	178,966	0,001	114,257	0,001	76,9918	0,001	65,1313	0,001	33,0936	0,13709	29,7077	0,06794	16,7945	0,39163	8,82094	0,555	4,73428	0,0296
9.11.2018	179,388	0,001	114,55	0,001	77,2278	0,001	65,2867	0,001	33,2347	0,13267	29,8579	0,06518	16,8279	0,38903	8,83665	0,55355	4,71344	0,02993
10.11.2018	179,754	0,001	114,78	0,001	77,4057	0,001	65,3055	0,001	33,2616	0,13183	29,9267	0,06399	16,7393	0,39594	8,85387	0,55196	4,64943	0,03113
11.11.2018	180,056	0,001	115,252	0,001	77,5786	0,001	64,9986	0,001	33,4015	0,12744	29,8233	0,06582	16,7312	0,39657	8,85093	0,55223	4,67373	0,03067
12.11.2018	180,487	0,001	115,45	0,001	77,7628	0,001	65,2743	0,001	33,5141	0,12408	29,949	0,06361	16,5533	0,41044	8,8973	0,54795	4,50298	0,03391
13.11.2018	180,921	0,001	115,53	0,001	77,9443	0,001	65,4535	0,001	33,1453	0,13547	29,7217	0,06768	16,4539	0,41819	8,98425	0,53991	4,2153	0,04007
14.11.2018	181,33	0,001	115,734	0,001	78,0518	0,001	65,2281	0,001	33,0348	0,13894	30,0799	0,06137	16,5379	0,41164	8,97696	0,54058	4,24295	0,03945
15.11.2018	181,76	0,001	116,099	0,001	78,2001	0,001	65,0348	0,001	32,9437	0,14179	30,09	0,0612	16,3741	0,42441	8,9694	0,54128	4,27882	0,03866
16.11.2018	182,075	0,001	116,402	0,001	78,3677	0,001	64,9327	0,001	32,811	0,14595	30,1925	0,05949	16,3207	0,42858	8,97772	0,54051	4,23157	0,0397
17.11.2018	182,51	0,001	116,619	0,001	78,5263	0,001	64,8833	0,001	32,8393	0,14507	30,3091	0,05763	16,1383	0,4428	8,97836	0,54046	4,12973	0,04221
18.11.2018	183,059	0,001	117,016	0,001	78,7255	0,001	65,3409	0,001	32,5321	0,15536	30,0677	0,06158	15,8787	0,46305	9,1018	0,52905	3,72244	0,05373
19.11.2018	183,487	0,001	116,971	0,001	78,8717	0,001	64,7974	0,001	32,0111	0,17399	30,0696	0,06155	15,3836	0,50166	9,0916	0,52999	3,40254	0,0651
20.11.2018	183,93	0,001	116,255	0,001	78,4789	0,001	64,3365	0,001	31,6513	0,18821	30,3914	0,05632	15,0567	0,52715	9,08527	0,53058	3,51912	0,06069
21.11.2018	184,269	0,001	117,164	0,001	78,6501	0,001	64,3672	0,001	31,1915	0,21048	30,2338	0,05883	14,9365	0,53652	9,15763	0,52389	3,6234	0,05703
22.11.2018	184,751	0,001	117,288	0,001	78,772	0,001	64,1992	0,001	30,7626	0,23786	30,1662	0,0599	15,143	0,52042	9,11059	0,52824	3,39392	0,06545

23.11.2018	185,163	0,001	117,135	0,001	78,9234	0,001	64,3179	0,001	30,8817	0,23025	29,3093	0,07558	14,6613	0,55798	9,13832	0,52567	3,11473	0,07763
24.11.2018	185,451	0,001	116,899	0,001	78,9908	0,001	64,2785	0,001	30,4764	0,25612	28,9514	0,08313	14,6375	0,55984	9,03306	0,5354	3,21869	0,07285
25.11.2018	185,829	0,001	117,151	0,001	78,9644	0,001	63,9328	0,001	30,6111	0,24752	28,2442	0,09991	14,3306	0,58377	9,02576	0,53608	3,19257	0,074
26.11.2018	186,135	0,001	117,391	0,001	79,2487	0,001	63,9538	0,001	30,6011	0,24816	27,5893	0,11845	14,361	0,5814	8,89922	0,54777	3,18028	0,07455
27.11.2018	186,553	0,001	117,228	0,001	79,328	0,001	63,5984	0,001	30,5811	0,24944	27,4064	0,12363	14,3855	0,57949	8,87939	0,5496	3,39952	0,06522
28.11.2018	186,95	0,001	117,866	0,001	79,4259	0,001	63,3972	0,001	30,6511	0,24497	27,1108	0,13328	14,5747	0,56473	8,8336	0,55383	3,50627	0,06118
29.11.2018	187,409	0,001	118,269	0,001	79,7479	0,001	63,5092	0,001	30,7808	0,23669	26,9058	0,14015	14,5886	0,56366	8,95742	0,54239	3,31493	0,06869
30.11.2018	187,836	0,001	118,428	0,001	79,8853	0,001	63,4127	0,001	30,7653	0,23768	27,2179	0,1297	14,5163	0,56929	8,84288	0,55298	3,26072	0,07099
1.12.2018	188,27	0,001	118,703	0,001	79,8326	0,001	63,1395	0,001	30,8385	0,23301	27,4224	0,12318	14,2877	0,58712	8,95639	0,54249	3,36503	0,06664
2.12.2018	188,69	0,001	118,976	0,001	80,0869	0,001	63,2019	0,001	30,9057	0,22872	27,1675	0,13138	14,1618	0,59693	9,00173	0,5383	3,19113	0,07407
3.12.2018	189,108	0,001	119,22	0,001	80,1685	0,001	63,2815	0,001	30,9683	0,22472	26,968	0,13807	14,2218	0,59226	9,02106	0,53651	3,19907	0,07372
4.12.2018	189,549	0,001	119,478	0,001	80,3491	0,001	63,9197	0,001	31,0353	0,22044	26,9249	0,13951	14,4416	0,57512	9,31538	0,50931	3,3469	0,06738
5.12.2018	189,963	0,001	119,735	0,001	80,6355	0,001	64,178	0,001	31,1015	0,21622	26,4455	0,15637	14,5046	0,57021	9,43142	0,49859	3,3537	0,0671
6.12.2018	190,473	0,001	120,001	0,001	80,4175	0,001	63,3172	0,001	31,1743	0,21157	25,5619	0,1921	14,2641	0,58896	9,26686	0,5138	3,16861	0,07507
7.12.2018	191,037	0,001	120,219	0,001	80,5004	0,001	63,0453	0,001	31,1568	0,21269	24,911	0,23252	14,0913	0,60244	9,01662	0,53692	3,19841	0,07375
8.12.2018	191,538	0,001	120,464	0,001	80,6899	0,001	63,034	0,001	31,1856	0,21085	24,9481	0,22994	13,8858	0,61846	8,91511	0,5463	3,3009	0,06927
9.12.2018	192,349	0,001	120,677	0,001	80,8888	0,001	63,1523	0,001	31,276	0,20508	24,9589	0,22919	13,6845	0,63415	8,88621	0,54897	3,07451	0,07954
10.12.2018	192,795	0,001	120,962	0,001	81,0521	0,001	63,2794	0,001	31,3229	0,20209	24,8116	0,23944	13,6322	0,63823	8,85168	0,55216	2,97905	0,08437
11.12.2018	193,09	0,001	121,257	0,001	81,1957	0,001	63,5603	0,001	31,3735	0,19929	24,7288	0,2452	13,6529	0,63662	8,94171	0,54384	3,14081	0,07639
12.12.2018	130,833	0,001	127,175	0,001	79,1046	0,001	57,7584	0,001	30,2577	0,27008	21,8041	0,44874	14,322	0,58444	9,45467	0,49644	1,80582	0,17928
13.12.2018	131,12	0,001	127,431	0,001	79,2407	0,001	57,7933	0,001	30,0065	0,28612	21,8516	0,44544	13,923	0,61556	9,37088	0,50418	1,73499	0,18826
14.12.2018	131,382	0,001	127,652	0,001	79,4756	0,001	57,9009	0,001	29,8625	0,29531	21,9009	0,44201	13,5906	0,64148	9,31534	0,50932	1,73835	0,18784
15.12.2018	131,672	0,001	127,919	0,001	79,5724	0,001	57,99	0,001	29,6927	0,30615	21,9474	0,43876	13,2661	0,66678	9,21387	0,51869	1,82756	0,17653
16.12.2018	131,963	0,001	128,188	0,001	79,7185	0,001	58,1234	0,001	29,35	0,32803	22,0253	0,43335	13,2809	0,66563	9,13059	0,52639	1,96724	0,16129
17.12.2018	132,278	0,001	128,507	0,001	79,9554	0,001	58,3381	0,001	29,3714	0,32666	22,0968	0,42837	12,9723	0,68969	9,0678	0,53219	2,06558	0,15072
18.12.2018	132,566	0,001	128,863	0,001	80,137	0,001	58,6635	0,001	29,452	0,32151	22,1445	0,42505	12,959	0,69073	9,17189	0,52257	2,13192	0,1447
19.12.2018	132,847	0,001	129,029	0,001	80,3019	0,001	58,7342	0,001	29,1633	0,33995	22,2266	0,41934	13,3935	0,65685	9,07463	0,53156	2,27304	0,13215
20.12.2018	133,112	0,001	129,048	0,001	80,482	0,001	58,9098	0,001	29,3423	0,32852	22,2445	0,41809	13,4973	0,64876	9,01055	0,53748	2,21561	0,13726
21.12.2018	133,372	0,001	129,164	0,001	80,6971	0,001	59,0712	0,001	29,1784	0,33898	22,2768	0,41584	13,6464	0,63713	8,77075	0,55964	2,42114	0,1202
22.12.2018	133,611	0,001	129,491	0,001	80,8709	0,001	59,1846	0,001	29,2053	0,33726	22,3454	0,41107	13,7219	0,63124	8,85828	0,55155	2,41466	0,12066
23.12.2018	133,814	0,001	129,785	0,001	81,0045	0,001	59,3117	0,001	28,9755	0,35193	22,3822	0,40851	13,5221	0,64682	8,70777	0,56546	2,40768	0,12115
24.12.2018	134,204	0,001	129,589	0,001	81,184	0,001	59,2825	0,001	29,0923	0,34448	22,4612	0,40301	13,1709	0,67421	8,88465	0,54912	2,24624	0,13454
25.12.2018	134,496	0,001	130,018	0,001	81,2718	0,001	59,2969	0,001	28,9484	0,35367	22,56	0,39613	12,9464	0,69171	8,69107	0,567	2,16787	0,1415
26.12.2018	134,758	0,001	130,22	0,001	81,5467	0,001	59,4895	0,001	29,0761	0,34551	22,5732	0,39522	12,7978	0,7033	8,67959	0,56806	2,15213	0,1429
27.12.2018	135,148	0,001	130,358	0,001	81,7124	0,001	59,4172	0,001	28,8844	0,35775	22,6845	0,38747	12,8696	0,6977	8,4884	0,58573	2,20883	0,13786
28.12.2018	135,423	0,001	130,555	0,001	81,887	0,001	59,7343	0,001	28,9181	0,3556	22,632	0,39112	12,8594	0,6985	8,58737	0,57659	2,26608	0,13277
29.12.2018	135,707	0,001	130,765	0,001	82,0992	0,001	59,7794	0,001	28,8798	0,35804	22,621	0,39189	12,7786	0,7048	8,46051	0,58831	2,1719	0,14114
30.12.2018	136,014	0,001	130,966	0,001	82,2738	0,001	59,9002	0,001	28,9632	0,35272	22,6333	0,39103	12,6438	0,71531	8,47348	0,58711	2,17943	0,14048
31.12.2018	136,289	0,001	131,252	0,001	82,4454	0,001	60,1434	0,001	28,9476	0,35371	22,7258	0,3846	12,729	0,70867	8,61242	0,57427	2,34128	0,12609
1.01.2019	136,566	0,001	131,515	0,001	82,6684	0,001	60,2189	0,001	28,8962	0,357	22,8112	0,37865	12,6391	0,71568	8,39737	0,59414	2,33178	0,12693

2.01.2019	136,857	0,001	131,758	0,001	82,8669	0,001	60,4045	0,001	28,8841	0,35777	22,773	0,38131	12,5613	0,72174	8,24511	0,60821	2,25922	0,13338
3.01.2019	137,146	0,001	132,072	0,001	83,0422	0,001	60,4344	0,001	28,862	0,35918	22,8449	0,37631	12,536	0,72372	8,10648	0,62102	2,27274	0,13218
4.01.2019	137,433	0,001	132,297	0,001	83,1846	0,001	60,5358	0,001	28,8257	0,36149	22,8105	0,3787	12,5818	0,72014	8,08902	0,62264	2,31237	0,12866
5.01.2019	137,722	0,001	132,65	0,001	83,3066	0,001	60,6724	0,001	28,6486	0,3728	22,9272	0,37058	12,4651	0,72925	7,91724	0,63851	2,41026	0,12097
6.01.2019	138,013	0,001	132,961	0,001	83,5212	0,001	60,7538	0,001	28,7907	0,36373	22,9842	0,36661	12,3472	0,73844	7,91484	0,63873	2,48682	0,11553
7.01.2019	138,253	0,001	133,22	0,001	83,69	0,001	60,7674	0,001	28,8519	0,35982	23,0211	0,36404	12,4333	0,73173	7,95054	0,63544	2,5357	0,11206
8.01.2019	138,45	0,001	133,504	0,001	83,8775	0,001	61,018	0,001	28,9568	0,35313	23,0867	0,35948	12,405	0,73393	8,13744	0,61816	2,76917	0,09612
9.01.2019	138,522	0,001	133,74	0,001	84,0024	0,001	61,0121	0,001	29,1776	0,33903	22,9084	0,37189	12,2315	0,74746	7,97314	0,63335	2,7022	0,10023
10.01.2019	138,788	0,001	134,008	0,001	84,1774	0,001	60,6835	0,001	29,1827	0,33871	23,0795	0,35998	12,2857	0,74324	7,81434	0,64802	2,5441	0,11146
11.01.2019	139,085	0,001	134,265	0,001	84,3958	0,001	60,9259	0,001	29,2488	0,33449	23,2136	0,35065	12,3621	0,73728	7,95321	0,63519	2,57738	0,1091
12.01.2019	139,324	0,001	134,5	0,001	84,5414	0,001	61,0576	0,001	29,3106	0,33054	23,3171	0,34344	12,2556	0,74559	7,84111	0,64555	2,52079	0,11312
13.01.2019	139,371	0,001	134,744	0,001	84,6711	0,001	60,9063	0,001	29,2329	0,3355	23,4691	0,33287	12,3833	0,73563	7,68723	0,65977	2,41632	0,12054
14.01.2019	139,354	0,001	135,105	0,001	84,939	0,001	61,3063	0,001	29,3134	0,33036	23,3587	0,34055	12,3041	0,7418	7,78604	0,65064	2,62512	0,10571
15.01.2019	139,533	0,001	135,256	0,001	85,1049	0,001	61,3026	0,001	29,3236	0,32971	23,4273	0,33578	12,3297	0,7398	7,60265	0,66758	2,54575	0,11135
16.01.2019	139,573	0,001	135,63	0,001	85,284	0,001	61,3458	0,001	29,3684	0,32685	23,404	0,33739	12,3579	0,73761	7,63104	0,66496	2,5856	0,10852
17.01.2019	139,943	0,001	135,893	0,001	85,3947	0,001	61,5146	0,001	29,4414	0,32219	23,5031	0,3305	12,4114	0,73343	7,76902	0,65221	2,70512	0,10003
18.01.2019	139,949	0,001	136,169	0,001	85,666	0,001	61,7338	0,001	29,4773	0,3199	23,578	0,32529	12,4271	0,73221	7,76628	0,65246	2,78402	0,09521
19.01.2019	140,158	0,001	136,383	0,001	85,8428	0,001	61,799	0,001	29,5631	0,31442	23,6037	0,3235	12,3515	0,73811	7,81677	0,6478	2,76163	0,09658
20.01.2019	140,262	0,001	136,632	0,001	86,0031	0,001	61,9325	0,001	29,5775	0,3135	23,6841	0,31791	12,3969	0,73456	7,78093	0,65111	2,81038	0,09368
21.01.2019	140,354	0,001	136,881	0,001	86,1834	0,001	61,9904	0,001	29,6182	0,31091	23,7426	0,31383	12,3934	0,73484	7,75205	0,65378	2,93669	0,08662
22.01.2019	140,549	0,001	137,077	0,001	86,3124	0,001	62,0294	0,001	29,6536	0,30865	23,7539	0,31305	12,4234	0,7325	7,57801	0,66986	2,93002	0,08698
23.01.2019	140,738	0,001	137,329	0,001	86,4859	0,001	62,1065	0,001	29,6796	0,30699	23,8031	0,30963	12,4461	0,73073	7,51791	0,67541	2,93734	0,08659
24.01.2019	141,03	0,001	137,49	0,001	86,6424	0,001	62,0936	0,001	29,7043	0,30541	23,8685	0,30508	12,4473	0,73064	7,48619	0,67834	2,95518	0,08562
25.01.2019	141,181	0,001	137,751	0,001	86,7898	0,001	62,3433	0,001	29,7421	0,303	23,9148	0,30185	12,4313	0,73188	7,55334	0,67214	3,01622	0,08248
26.01.2019	141,299	0,001	137,987	0,001	86,9111	0,001	62,4695	0,001	29,8037	0,29907	23,829	0,30782	12,417	0,733	7,61458	0,66648	3,14945	0,07598
27.01.2019	141,374	0,001	138,185	0,001	87,0554	0,001	62,4869	0,001	29,8616	0,29537	23,7532	0,31309	12,402	0,73417	7,60955	0,66695	3,17959	0,07458
28.01.2019	141,783	0,001	138,04	0,001	87,3253	0,001	61,9685	0,001	29,8535	0,29588	23,8915	0,30347	12,402	0,73417	7,17004	0,70756	2,9332	0,08681
29.01.2019	141,992	0,001	138,34	0,001	87,5057	0,001	62,1809	0,001	29,8094	0,29871	24,0053	0,29555	12,4551	0,73002	7,08495	0,71542	3,03083	0,08173
30.01.2019	142,206	0,001	138,415	0,001	87,6931	0,001	62,3972	0,001	29,7761	0,30083	24,1281	0,28701	12,3539	0,73792	6,97	0,72605	2,96554	0,08506
31.01.2019	142,446	0,001	138,741	0,001	87,8683	0,001	62,6559	0,001	29,7761	0,30083	24,0723	0,29089	12,383	0,73565	6,96173	0,72681	2,88458	0,08945
1.02.2019	142,744	0,001	138,757	0,001	88,0704	0,001	62,7776	0,001	29,8265	0,29761	23,972	0,29787	12,371	0,73659	7,07905	0,71597	3,04362	0,08108
2.02.2019	142,978	0,001	139,006	0,001	88,2448	0,001	63,1243	0,001	29,884	0,29394	23,9559	0,29899	12,3188	0,74065	7,16427	0,70809	3,09274	0,07868
3.02.2019	143,232	0,001	139,186	0,001	88,4225	0,001	63,1139	0,001	29,9452	0,29004	23,9617	0,29859	12,3568	0,73769	7,04257	0,71934	3,08104	0,07923
4.02.2019	143,5	0,001	139,492	0,001	88,6021	0,001	63,3287	0,001	29,9876	0,28732	23,9743	0,29771	12,3848	0,73551	7,20037	0,70476	3,29115	0,06967
5.02.2019	143,776	0,001	139,774	0,001	88,7667	0,001	63,6021	0,001	30,0902	0,28078	24,0027	0,29573	12,349	0,7383	7,55456	0,67203	3,40908	0,06485
6.02.2019	144,033	0,001	140,054	0,001	88,9513	0,001	63,7247	0,001	30,1405	0,27757	23,926	0,30107	12,3804	0,73585	7,67965	0,66047	3,49238	0,0617
7.02.2019	144,325	0,001	140,361	0,001	89,1379	0,001	63,673	0,001	30,0084	0,286	24,1902	0,28268	12,4965	0,7268	7,47647	0,67924	3,55536	0,05938
8.02.2019	144,6	0,001	140,622	0,001	89,265	0,001	64,0837	0,001	30,1186	0,27896	24,4497	0,26462	12,2698	0,74448	7,58359	0,66934	3,73087	0,05347
9.02.2019	144,882	0,001	140,925	0,001	89,4385	0,001	64,2096	0,001	30,1865	0,27463	24,5557	0,25724	12,2964	0,7424	7,74767	0,65418	3,80228	0,05123
10.02.2019	145,16	0,001	141,371	0,001	89,606	0,001	64,3447	0,001	30,2311	0,27178	24,5333	0,25881	12,1667	0,75251	7,96689	0,63392	3,83822	0,0501

11.02.2019	145,505	0,001	141,686	0,001	89,803	0,001	64,5209	0,001	30,368	0,26304	24,3877	0,26894	12,3469	0,73847	8,27734	0,60524	3,87055	0,04918
12.02.2019	145,734	0,001	141,963	0,001	89,9741	0,001	64,6566	0,001	30,41	0,26037	24,699	0,24727	12,2429	0,74657	8,05352	0,62592	3,87812	0,04897
13.02.2019	146,091	0,001	142,248	0,001	90,1551	0,001	64,6877	0,001	30,2299	0,27186	24,7657	0,24263	12,3577	0,73763	7,8567	0,64411	3,85721	0,04956
14.02.2019	145,985	0,001	142,543	0,001	90,3264	0,001	64,7892	0,001	30,067	0,28226	24,9203	0,23187	12,3361	0,73931	7,8075	0,64865	3,8539	0,04965
15.02.2019	146,215	0,001	142,752	0,001	90,4638	0,001	65,0726	0,001	30,0661	0,28232	24,8652	0,23571	12,4155	0,73312	8,02948	0,62814	3,89972	0,04836
16.02.2019	146,018	0,001	143,028	0,001	90,6439	0,001	65,1532	0,001	29,9353	0,29067	24,786	0,24122	12,3433	0,73874	7,91465	0,63875	3,88551	0,04876
17.02.2019	146,205	0,001	143,144	0,001	90,8189	0,001	65,2956	0,001	29,5248	0,31687	24,7225	0,24564	12,4438	0,7309	7,87988	0,64196	3,88907	0,04866
18.02.2019	146,216	0,001	143,173	0,001	91,0058	0,001	65,4575	0,001	29,6753	0,30727	24,9947	0,2267	12,4173	0,73298	7,72167	0,65658	3,92887	0,04753
19.02.2019	146,853	0,001	142,925	0,001	91,0967	0,001	65,4435	0,001	29,8096	0,29869	25,0153	0,22526	12,4898	0,72732	8,10631	0,62104	3,97861	0,04613
20.02.2019	146,894	0,001	143,003	0,001	91,293	0,001	65,4028	0,001	29,9805	0,28778	25,1972	0,2126	12,3678	0,73684	8,12794	0,61904	3,99657	0,04562
21.02.2019	147,092	0,001	143,468	0,001	91,4858	0,001	65,5994	0,001	29,9013	0,29283	25,0702	0,22144	12,4896	0,72734	8,00424	0,63047	4,00517	0,04538
22.02.2019	147,344	0,001	143,335	0,001	91,6325	0,001	65,6676	0,001	29,7561	0,3021	25,4036	0,19891	12,5675	0,72127	8,15365	0,61667	4,02261	0,0449
23.02.2019	147,478	0,001	142,931	0,001	91,8113	0,001	65,7602	0,001	30,1934	0,27419	25,4325	0,19767	12,5235	0,72469	7,90645	0,63951	4,03166	0,04467
24.02.2019	147,755	0,001	143,244	0,001	92,0005	0,001	65,9134	0,001	29,8289	0,29746	25,2589	0,20831	12,6249	0,71679	7,92088	0,63818	4,04117	0,04443
25.02.2019	147,338	0,001	143,61	0,001	92,0771	0,001	66,0002	0,001	29,6969	0,30588	25,3575	0,20145	12,5479	0,72279	7,76253	0,65281	4,04916	0,04423
26.02.2019	147,31	0,001	143,88	0,001	92,3169	0,001	66,1129	0,001	29,5975	0,31223	25,1742	0,2142	12,6018	0,71859	7,59046	0,66871	4,05267	0,04415
27.02.2019	147,599	0,001	143,267	0,001	92,4528	0,001	66,2642	0,001	29,6426	0,30935	25,2314	0,21023	12,6246	0,71681	7,74642	0,6543	4,06037	0,04395
28.02.2019	147,799	0,001	142,987	0,001	92,6691	0,001	66,365	0,001	29,7375	0,30329	24,9981	0,22646	12,581	0,72021	7,96355	0,63423	4,06932	0,04373
1.03.2019	148,16	0,001	142,794	0,001	92,8528	0,001	66,2098	0,001	29,8445	0,29646	24,8001	0,24024	12,5641	0,72153	8,41412	0,5926	4,08286	0,04339
2.03.2019	148,382	0,001	142,924	0,001	93,0218	0,001	66,1571	0,001	29,965	0,28877	24,8325	0,23798	12,5455	0,72298	8,61774	0,57378	4,08894	0,04324
3.03.2019	148,665	0,001	143,395	0,001	93,1725	0,001	66,464	0,001	30,0282	0,28474	24,9992	0,22638	12,6069	0,71819	8,5453	0,58047	4,09451	0,0431
4.03.2019	148,959	0,001	143,556	0,001	93,3335	0,001	66,4982	0,001	29,9115	0,29218	25,2475	0,2091	12,7343	0,70825	8,69048	0,56706	4,09324	0,04313
5.03.2019	149,513	0,001	142,554	0,001	93,4673	0,001	64,5798	0,001	30,2887	0,26811	25,7018	0,18608	12,7982	0,70327	8,9928	0,53912	4,00755	0,04531
6.03.2019	149,794	0,001	142,54	0,001	93,5777	0,001	64,7009	0,001	30,4067	0,26058	25,5117	0,19426	12,8109	0,70228	8,99795	0,53865	3,94576	0,04706
7.03.2019	150,237	0,001	142,73	0,001	93,7581	0,001	64,6329	0,001	30,4824	0,25574	25,5076	0,19444	12,9495	0,69147	8,96171	0,54199	3,85591	0,04959
8.03.2019	149,857	0,001	143,726	0,001	93,9847	0,001	65,1732	0,001	30,4559	0,25743	26,0833	0,17025	13,01	0,68676	9,0469	0,53412	3,84534	0,04989
9.03.2019	150,638	0,001	143,79	0,001	94,2212	0,001	64,8514	0,001	30,3257	0,26574	26,8481	0,14208	13,086	0,68083	9,05075	0,53377	3,7978	0,05137
10.03.2019	150,33	0,001	143,773	0,001	94,1863	0,001	65,0667	0,001	30,5814	0,24942	27,2717	0,1279	13,1683	0,67441	9,06859	0,53212	3,82573	0,05049
11.03.2019	150,779	0,001	143,498	0,001	94,2937	0,001	65,1763	0,001	30,2417	0,27111	27,3928	0,12402	13,2323	0,66942	9,03594	0,53514	3,9305	0,04749
12.03.2019	150,537	0,001	143,146	0,001	94,3476	0,001	65,2183	0,001	30,7937	0,23587	27,4186	0,12329	13,3186	0,66269	8,79696	0,55722	3,87448	0,04907
13.03.2019	150,495	0,001	143,265	0,001	94,4779	0,001	65,557	0,001	30,5138	0,25373	27,5019	0,12092	13,3221	0,66242	8,88671	0,54892	3,9255	0,04763
14.03.2019	150,553	0,001	143,287	0,001	94,6587	0,001	65,6885	0,001	30,2272	0,27203	27,6608	0,11642	13,3136	0,66308	8,92852	0,54506	3,94004	0,04722
15.03.2019	150,142	0,001	143,141	0,001	94,778	0,001	65,7789	0,001	30,0431	0,28378	28,0281	0,10602	13,3486	0,66035	8,98676	0,53968	3,90326	0,04826
16.03.2019	150,912	0,001	143,146	0,001	94,7818	0,001	65,5289	0,001	30,1194	0,27891	28,1553	0,10241	13,4658	0,65121	8,69484	0,56666	3,81028	0,05098
17.03.2019	150,257	0,001	143,096	0,001	94,8637	0,001	65,8092	0,001	29,9946	0,28688	27,7528	0,11382	13,4506	0,65239	8,83141	0,55404	3,84034	0,05004
18.03.2019	150,507	0,001	143,533	0,001	94,9288	0,001	65,9444	0,001	29,8261	0,29763	27,7579	0,11367	13,5456	0,64499	8,85618	0,55175	3,87015	0,04919
19.03.2019	150,134	0,001	143,275	0,001	95,1608	0,001	65,9956	0,001	29,7646	0,30156	28,0508	0,10537	13,5388	0,64552	8,84987	0,55233	3,89235	0,04856
20.03.2019	150,178	0,001	143,281	0,001	95,3275	0,001	66,1879	0,001	29,5301	0,31653	27,7676	0,1134	13,4615	0,65154	9,02061	0,53655	3,93971	0,04723
21.03.2019	149,813	0,001	142,947	0,001	95,4983	0,001	66,0935	0,001	29,4135	0,32397	26,9229	0,13958	13,3837	0,65762	9,28607	0,51202	4,03639	0,04455
22.03.2019	150,306	0,001	142,744	0,001	95,4544	0,001	66,3719	0,001	29,4931	0,3189	26,8644	0,14154	13,5089	0,64785	9,06589	0,53237	3,99633	0,04563

23.03.2019	150,065	0,001	142,647	0,001	95,2976	0,001	66,5296	0,001	29,5741	0,31373	26,0443	0,17175	13,4875	0,64952	9,12841	0,52659	3,96905	0,0464
24.03.2019	150,809	0,001	143,105	0,001	95,4488	0,001	66,2871	0,001	29,7274	0,30393	25,9468	0,17554	13,7633	0,62801	8,34628	0,59886	3,85614	0,04959
25.03.2019	150,923	0,001	142,738	0,001	95,6179	0,001	66,8079	0,001	29,8029	0,29911	25,6209	0,18956	13,7044	0,6326	8,56569	0,57859	3,84714	0,04984
26.03.2019	151,146	0,001	143,606	0,001	95,9143	0,001	67,0097	0,001	29,6568	0,30844	25,4573	0,1966	13,7505	0,62901	8,83314	0,55387	3,83812	0,05011
27.03.2019	151,348	0,001	143,307	0,001	96,0721	0,001	66,9457	0,001	29,7136	0,30482	26,5669	0,15172	13,7223	0,63121	8,98851	0,53952	3,73148	0,05345
28.03.2019	151,778	0,001	143,511	0,001	96,1175	0,001	67,0426	0,001	29,6407	0,30947	26,4873	0,15477	13,8003	0,62512	9,0024	0,53823	3,69524	0,05459
29.03.2019	151,746	0,001	143,161	0,001	96,3146	0,001	67,1398	0,001	29,6943	0,30605	25,3039	0,20518	13,7594	0,62831	9,13081	0,52637	3,77598	0,05206
30.03.2019	151,95	0,001	143,357	0,001	96,4195	0,001	67,2624	0,001	29,7472	0,30267	24,836	0,23774	13,8661	0,62	8,9237	0,54551	3,73259	0,05342
31.03.2019	152,27	0,001	143,307	0,001	96,5665	0,001	67,2633	0,001	29,7981	0,29942	24,8236	0,2386	13,9393	0,61429	8,80162	0,55679	3,67339	0,0553
1.04.2019	152,567	0,001	143,851	0,001	96,816	0,001	67,3228	0,001	29,8539	0,29586	24,3504	0,27154	14,1531	0,59761	8,69142	0,56697	3,43756	0,06377
2.04.2019	152,719	0,001	143,777	0,001	97,0432	0,001	66,8151	0,001	29,8865	0,29378	25,6257	0,18935	14,1625	0,59688	8,48051	0,58646	3,08174	0,0792
3.04.2019	150,94	0,001	143,552	0,001	97,2162	0,001	67,2543	0,001	29,9721	0,28832	25,3134	0,20452	14,1438	0,59834	8,98605	0,53974	3,08588	0,079
4.04.2019	151,634	0,001	143,911	0,001	97,1191	0,001	67,2244	0,001	30,1654	0,27598	25,7113	0,18567	14,2974	0,58636	8,74454	0,56206	2,94278	0,08629
5.04.2019	150,975	0,001	143,093	0,001	97,2977	0,001	66,9951	0,001	30,1902	0,27439	26,6325	0,14931	14,2923	0,58676	8,7082	0,56542	2,71918	0,09917
6.04.2019	151,42	0,001	143,284	0,001	97,4198	0,001	67,2613	0,001	30,4455	0,2581	26,1279	0,16854	14,2857	0,58727	8,8426	0,553	2,81242	0,09357
7.04.2019	151,677	0,001	142,598	0,001	97,5925	0,001	67,24	0,001	30,5229	0,25316	25,5799	0,19133	14,3208	0,58454	8,85788	0,55159	2,91334	0,08789
8.04.2019	151,953	0,001	141,742	0,001	97,6318	0,001	66,7082	0,001	30,519	0,2534	24,5126	0,26025	14,2769	0,58796	9,27789	0,51278	3,16788	0,07511
9.04.2019	152,197	0,001	141,85	0,001	97,8347	0,001	67,2659	0,001	30,6299	0,24633	23,9649	0,29836	14,3329	0,58359	9,25213	0,51516	3,23133	0,07229
10.04.2019	152,487	0,001	140,1	0,001	97,9209	0,001	67,164	0,001	30,5655	0,25043	23,7998	0,30986	14,1801	0,59551	9,48122	0,49399	3,40389	0,06505
11.04.2019	152,459	0,001	140,353	0,001	98,1047	0,001	66,8709	0,001	30,6511	0,24497	22,1394	0,4254	14,2477	0,59024	9,50243	0,49203	3,61089	0,05746
12.04.2019	152,761	0,001	139,85	0,001	98,2985	0,001	67,5579	0,001	30,6072	0,24778	22,2475	0,41788	14,3239	0,58429	9,31949	0,50893	3,49588	0,06157
13.04.2019	152,906	0,001	140,247	0,001	98,4888	0,001	67,6843	0,001	30,6576	0,24456	21,7767	0,45065	14,4052	0,57795	9,24749	0,51559	3,3872	0,06573
14.04.2019	153,059	0,001	140,381	0,001	98,6475	0,001	67,8893	0,001	30,6144	0,24731	21,8997	0,44209	14,3866	0,5794	9,15902	0,52376	3,23344	0,07219
15.04.2019	153,603	0,001	140,486	0,001	98,7679	0,001	67,9968	0,001	30,6925	0,24233	21,5257	0,46812	14,5106	0,56973	9,13122	0,52633	3,19158	0,07405
16.04.2019	153,607	0,001	140,645	0,001	98,9208	0,001	68,1107	0,001	30,7861	0,23635	21,81	0,44833	14,5424	0,56725	9,10641	0,52862	3,07298	0,07962
17.04.2019	153,91	0,001	140,854	0,001	99,0887	0,001	68,233	0,001	30,88	0,23036	21,53	0,46782	14,592	0,56339	9,16525	0,52319	3,10359	0,07816
18.04.2019	153,027	0,001	141,51	0,001	99,2592	0,001	67,4679	0,001	30,9184	0,22791	22,667	0,38869	14,6514	0,55875	8,42702	0,5914	2,63066	0,10532
19.04.2019	152,426	0,001	141,96	0,001	99,3763	0,001	66,5027	0,001	30,7142	0,24094	24,1654	0,28441	14,711	0,55411	7,68017	0,66042	1,9076	0,16769
20.04.2019	152,202	0,001	142,392	0,001	99,6229	0,001	67,0361	0,001	30,5688	0,25023	24,2887	0,27583	14,7347	0,55226	7,61217	0,6667	1,69986	0,19272
21.04.2019	153,209	0,001	142,695	0,001	99,7654	0,001	67,3536	0,001	30,872	0,23087	24,0226	0,29435	14,7608	0,55022	7,84951	0,64477	1,8501	0,17387
22.04.2019	153,396	0,001	143,052	0,001	99,9864	0,001	67,3943	0,001	31,2762	0,20507	24,3831	0,26926	14,7809	0,54866	8,09719	0,62188	1,83796	0,17521
23.04.2019	153,645	0,001	143,033	0,001	100,168	0,001	67,6301	0,001	31,463	0,19572	23,383	0,33886	14,8051	0,54677	8,45666	0,58867	2,23499	0,13554
24.04.2019	153,984	0,001	143,174	0,001	100,408	0,001	67,8673	0,001	31,0668	0,21843	22,5439	0,39726	14,8285	0,54495	8,08772	0,62276	2,17042	0,14128
25.04.2019	154,086	0,001	142,844	0,001	100,607	0,001	67,858	0,001	31,1226	0,21488	20,863	0,51424	14,8529	0,54304	8,35615	0,59795	2,35404	0,12496
26.04.2019	154,362	0,001	143,176	0,001	100,794	0,001	68,0146	0,001	31,013	0,22187	20,4864	0,54044	14,8505	0,54323	8,20421	0,61199	2,19132	0,13942
27.04.2019	154,713	0,001	143,043	0,001	100,981	0,001	68,1218	0,001	30,8159	0,23445	19,3868	0,61697	14,8218	0,54547	8,38141	0,59562	2,40164	0,12158
28.04.2019	154,282	0,001	143,534	0,001	101,137	0,001	68,2001	0,001	30,8387	0,233	19,3989	0,61613	14,8972	0,53959	8,16135	0,61595	2,30926	0,12893
29.04.2019	154,675	0,001	143,388	0,001	101,313	0,001	68,3373	0,001	31,0716	0,21813	18,1531	0,70283	14,8263	0,54512	8,47851	0,58665	2,67733	0,102
30.04.2019	154,958	0,001	143,764	0,001	101,483	0,001	68,4447	0,001	31,2586	0,20619	18,0129	0,71258	14,8084	0,54651	8,57838	0,57742	2,51393	0,11361
1.05.2019	155,218	0,001	143,823	0,001	101,655	0,001	68,5782	0,001	31,3224	0,20212	17,7232	0,73275	14,8577	0,54267	8,59882	0,57553	2,61949	0,10611

2.05.2019	155,352	0,001	144,125	0,001	101,79	0,001	68,3647	0,001	31,4103	0,19782	18,2938	0,69304	15,0023	0,53139	8,07518	0,62392	2,16724	0,14156
3.05.2019	155,603	0,001	144,187	0,001	101,925	0,001	68,5146	0,001	31,3031	0,20335	18,2374	0,69696	15,0217	0,52988	8,20325	0,61208	2,11416	0,14628
4.05.2019	155,864	0,001	144,512	0,001	101,821	0,001	68,9801	0,001	31,4062	0,19798	17,4086	0,75464	15,0404	0,52842	8,39219	0,59462	2,35466	0,12492
5.05.2019	156,109	0,001	144,674	0,001	101,966	0,001	69,0549	0,001	31,4832	0,19491	17,6282	0,73935	15,0892	0,52461	8,32386	0,60094	2,32668	0,12738
6.05.2019	156,221	0,001	144,888	0,001	102,164	0,001	69,3688	0,001	31,6995	0,18629	16,7564	0,80003	15,1177	0,52239	8,58306	0,57698	2,47198	0,11659
7.05.2019	156,51	0,001	144,947	0,001	102,25	0,001	69,1943	0,001	31,933	0,17698	15,4586	0,87809	14,7926	0,54774	9,05805	0,53309	2,80923	0,09375
8.05.2019	156,731	0,001	145,03	0,001	102,413	0,001	69,3782	0,001	32,159	0,16869	15,2461	0,88877	14,3407	0,58299	9,0969	0,5295	2,84283	0,09182
9.05.2019	157,171	0,001	144,823	0,001	102,228	0,001	68,9512	0,001	32,478	0,15729	15,2469	0,88873	12,6342	0,71606	9,66187	0,47729	3,35029	0,06724
10.05.2019	157,46	0,001	145,288	0,001	101,974	0,001	69,51	0,001	32,8377	0,14512	15,2279	0,88968	12,3593	0,7375	9,41099	0,50048	2,97165	0,08474
11.05.2019	157,678	0,001	145,07	0,001	101,732	0,001	69,6699	0,001	32,3504	0,16185	15,2547	0,88833	12,9064	0,69484	9,26566	0,51391	3,05411	0,08055
12.05.2019	157,922	0,001	145,114	0,001	101,759	0,001	69,7711	0,001	32,7968	0,1464	15,2085	0,89065	12,0547	0,76125	9,15516	0,52412	2,78956	0,09488
13.05.2019	157,315	0,001	145,362	0,001	98,1867	0,001	69,6067	0,001	32,4288	0,15905	15,2802	0,88705	13,3634	0,6592	8,56882	0,5783	2,56153	0,11023
14.05.2019	157,853	0,001	144,898	0,001	99,3915	0,001	69,7991	0,001	32,556	0,1545	15,3221	0,88495	12,8736	0,69739	8,82909	0,55425	2,22852	0,13611
15.05.2019	153,468	0,001	141,156	0,001	100,135	0,001	68,3741	0,001	32,2085	0,16693	15,3383	0,88413	14,0629	0,60465	8,50405	0,58429	1,90281	0,16821
16.05.2019	151,213	0,001	142,225	0,001	101,67	0,001	68,7852	0,001	31,4128	0,19772	15,3652	0,88278	13,8681	0,61984	8,5054	0,58416	2,11511	0,14619
17.05.2019	151,152	0,001	138,186	0,001	101,427	0,001	69,2218	0,001	31,7664	0,18362	15,3817	0,88195	14,1046	0,6014	8,6635	0,56955	2,02593	0,15498
18.05.2019	150,813	0,001	136,606	0,001	101,589	0,001	68,3238	0,001	33,5786	0,12236	16,1248	0,84031	14,8824	0,54074	8,11165	0,62055	1,34047	0,31479
19.05.2019	150,776	0,001	136,297	0,001	100,899	0,001	68,3175	0,001	33,302	0,13056	16,2242	0,83423	15,1395	0,52069	8,17086	0,61508	1,40751	0,2893
20.05.2019	151,688	0,001	135,771	0,001	100,116	0,001	68,4622	0,001	33,1283	0,13601	16,2958	0,82985	14,7596	0,55032	8,10543	0,62112	1,18453	0,37407
21.05.2019	151,752	0,001	135,644	0,001	99,9977	0,001	67,0993	0,001	32,8199	0,14567	17,564	0,74383	15,1493	0,51993	7,62797	0,66524	0,82436	0,511
22.05.2019	152,041	0,001	135,704	0,001	100,402	0,001	67,7764	0,001	33,3117	0,13026	17,4909	0,74891	15,1036	0,52349	7,84371	0,64531	0,65004	0,57727
23.05.2019	152,485	0,001	135,282	0,001	99,3064	0,001	68,0243	0,001	33,5588	0,12289	17,3373	0,7596	15,0766	0,5256	7,97742	0,63295	0,71042	0,55432
24.05.2019	152,88	0,001	136,196	0,001	100,557	0,001	67,0037	0,001	34,193	0,10603	18,6613	0,66746	15,2831	0,5095	8,0385	0,62731	0,28956	0,71432
25.05.2019	153,127	0,001	135,927	0,001	100,327	0,001	66,5031	0,001	36,0041	0,06758	19,347	0,61974	15,2696	0,51055	7,88484	0,64151	0,10006	0,78637
26.05.2019	153,214	0,001	136,018	0,001	99,5074	0,001	67,1586	0,001	35,0201	0,08644	18,208	0,69901	15,295	0,50857	8,44842	0,58943	0,17089	0,75944
27.05.2019	153,375	0,001	136,245	0,001	99,4702	0,001	67,0376	0,001	34,7837	0,09158	18,2518	0,69596	15,3209	0,50655	9,28648	0,51198	0,24721	0,73042
28.05.2019	153,793	0,001	136,639	0,001	99,21	0,001	66,999	0,001	35,1095	0,08455	18,1124	0,70566	15,3481	0,50443	9,34588	0,50649	0,46963	0,64587
29.05.2019	154,003	0,001	136,88	0,001	100	0,001	67,082	0,001	33,7508	0,11779	18,5354	0,67622	15,3491	0,50434	9,09031	0,53011	0,3878	0,67697
30.05.2019	154,379	0,001	137,103	0,001	99,8867	0,001	67,0792	0,001	34,1894	0,10613	16,6471	0,80718	15,427	0,49828	9,10055	0,52916	0,54105	0,61871
31.05.2019	154,064	0,001	137,334	0,001	98,7698	0,001	67,3473	0,001	33,9876	0,11149	16,5477	0,81369	15,3703	0,50269	9,56261	0,48647	0,6159	0,59026
1.06.2019	154,58	0,001	137,464	0,001	100,055	0,001	67,3496	0,001	33,7579	0,1176	16,3299	0,82776	15,4541	0,49616	9,38895	0,50251	0,30932	0,70681
2.06.2019	154,446	0,001	137,576	0,001	99,9503	0,001	67,4355	0,001	32,7458	0,148	15,8306	0,85761	15,451	0,4964	9,25015	0,51534	0,42453	0,66301
3.06.2019	154,862	0,001	137,845	0,001	100,592	0,001	67,1236	0,001	31,7612	0,18383	15,5549	0,87305	14,3583	0,58161	9,03505	0,53522	0,79191	0,52334
4.06.2019	154,727	0,001	138,03	0,001	100,341	0,001	66,8311	0,001	32,7297	0,1485	15,5518	0,87322	13,4127	0,65536	9,23578	0,51667	1,08897	0,4104
5.06.2019	154,606	0,001	138,122	0,001	100,766	0,001	67,558	0,001	32,6956	0,14957	15,6476	0,86786	14,1639	0,59677	8,96172	0,54199	0,94944	0,46345
6.06.2019	154,845	0,001	138,526	0,001	101,104	0,001	67,669	0,001	33,0016	0,13998	15,7965	0,85952	13,9411	0,61415	8,95486	0,54263	0,82543	0,5106
7.06.2019	155,093	0,001	138,809	0,001	100,903	0,001	67,5483	0,001	32,7848	0,14677	15,8156	0,85845	13,9037	0,61706	8,95942	0,54221	0,89838	0,48286
8.06.2019	155,191	0,001	138,798	0,001	101,386	0,001	67,7075	0,001	32,3912	0,1604	15,9781	0,84929	13,9798	0,61113	8,80027	0,55691	0,8403	0,50494
9.06.2019	155,517	0,001	138,957	0,001	101,234	0,001	67,7845	0,001	32,8073	0,14607	15,8677	0,85553	13,8623	0,62029	8,99401	0,53901	1,06937	0,41785
10.06.2019	155,817	0,001	138,72	0,001	101,607	0,001	68,0793	0,001	32,8409	0,14502	16,256	0,83228	14,1218	0,60006	8,86836	0,55062	0,82485	0,51082

11.06.2019	156,034	0,001	138,315	0,001	101,686	0,001	68,1579	0,001	33,0958	0,13703	16,3795	0,82471	14,1077	0,60115	8,90953	0,54682	0,7096	0,55463
12.06.2019	156,325	0,001	139,242	0,001	101,847	0,001	68,4564	0,001	33,0104	0,1397	16,6515	0,80689	14,6773	0,55673	8,33009	0,60036	0,38728	0,67717
13.06.2019	156,558	0,001	139,332	0,001	102,045	0,001	68,4566	0,001	33,1365	0,13575	16,6603	0,80632	14,972	0,53375	8,28147	0,60485	0,3233	0,7015
14.06.2019	156,846	0,001	139,523	0,001	102,335	0,001	67,8948	0,001	33,1907	0,13405	16,1594	0,83819	14,5908	0,56348	8,60775	0,5747	0,71386	0,55301
15.06.2019	157,142	0,001	139,556	0,001	102,497	0,001	68,4394	0,001	33,0154	0,13955	16,129	0,84006	14,4246	0,57645	8,94584	0,54346	0,76619	0,53312
16.06.2019	157,379	0,001	139,773	0,001	102,286	0,001	68,4556	0,001	32,8147	0,14584	16,0043	0,84769	14,3901	0,57913	9,15113	0,52449	0,89467	0,48427
17.06.2019	157,808	0,001	140,491	0,001	102,522	0,001	69,178	0,001	32,831	0,14533	16,0752	0,84335	14,8701	0,5417	8,59666	0,57573	0,65575	0,5751
18.06.2019	158,029	0,001	140,691	0,001	103,197	0,001	69,2854	0,001	32,9415	0,14186	16,0694	0,8437	14,9109	0,53852	8,4928	0,58533	0,46741	0,64671
19.06.2019	158,322	0,001	140,822	0,001	102,545	0,001	69,4647	0,001	33,0526	0,13838	16,0491	0,84494	15,095	0,52416	8,31434	0,60182	0,36913	0,68407
20.06.2019	158,553	0,001	141,116	0,001	102,351	0,001	69,6983	0,001	33,1644	0,13487	16,119	0,84067	15,4322	0,49787	8,18525	0,61375	0,1701	0,75974
21.06.2019	158,774	0,001	140,508	0,001	101,155	0,001	69,7099	0,001	33,2659	0,13169	16,3083	0,82908	15,7046	0,47662	8,02756	0,62832	0,03755	0,84665
22.06.2019	159,292	0,001	140,757	0,001	99,5895	0,001	69,7451	0,001	33,29	0,13094	15,8048	0,85905	15,4969	0,49282	8,37939	0,59581	0,07101	0,79741
23.06.2019	159,548	0,001	140,612	0,001	98,6147	0,001	69,698	0,001	33,4212	0,12682	15,8519	0,85642	14,9634	0,53443	8,35267	0,59827	0,09826	0,78705
24.06.2019	159,804	0,001	141,011	0,001	97,5977	0,001	69,837	0,001	33,7076	0,11893	16,0378	0,84564	14,8956	0,53971	8,42187	0,59188	0,05959	0,80753
25.06.2019	160,056	0,001	141,549	0,001	95,2235	0,001	69,4812	0,001	34,1492	0,1072	16,224	0,83424	13,5562	0,64416	8,45131	0,58916	0,08058	0,79377
26.06.2019	160,277	0,001	141,498	0,001	93,1773	0,001	68,6792	0,001	31,3363	0,20123	16,0904	0,84242	12,8824	0,69671	7,47173	0,67968	0,31294	0,70543
27.06.2019	160,733	0,001	140,27	0,001	94,5891	0,001	69,0817	0,001	33,5964	0,12189	16,3648	0,82562	12,1919	0,75055	7,61547	0,6664	0,18508	0,75405
28.06.2019	160,465	0,001	141,108	0,001	90,2781	0,001	68,8112	0,001	32,8824	0,14372	16,3358	0,8274	12,3394	0,73905	7,33881	0,69196	0,47696	0,64308
29.06.2019	160,498	0,001	140,64	0,001	100,517	0,001	69,7083	0,001	31,0083	0,22217	16,1459	0,83902	12,2886	0,74301	7,71399	0,65729	0,14428	0,76955
30.06.2019	160,357	0,001	138,49	0,001	95,2871	0,001	69,3768	0,001	31,3054	0,20321	16,1864	0,83654	11,4614	0,80729	7,38654	0,68755	0,63677	0,58232
1.07.2019	160,638	0,001	138,101	0,001	96,8026	0,001	69,7441	0,001	31,4677	0,19553	16,1964	0,83593	11,5763	0,79856	7,59899	0,66792	0,49672	0,63556
2.07.2019	160,827	0,001	139,02	0,001	94,3786	0,001	69,7194	0,001	33,4766	0,12509	16,1894	0,83636	11,3313	0,81714	7,6107	0,66684	0,54215	0,61829
3.07.2019	272,019	0,001	158,672	0,001	84,7212	0,001	63,5437	0,001	40,4171	0,02046	16,8479	0,79366	11,0336	0,83882	7,33593	0,69223	0,99894	0,44463
4.07.2019	161,098	0,001	138,467	0,001	92,6631	0,001	70,3939	0,001	31,7619	0,1838	16,2583	0,83214	11,4468	0,8084	7,23643	0,70142	0,6057	0,59413
5.07.2019	273,328	0,001	159,105	0,001	84,7245	0,001	62,4346	0,001	40,8118	0,01838	16,7885	0,7978	11,1271	0,83216	7,37412	0,6887	0,9346	0,46909
6.07.2019	161,623	0,001	138,303	0,001	91,9849	0,001	70,2303	0,001	32,1293	0,16976	16,2789	0,83088	11,1839	0,82811	7,20069	0,70473	0,60906	0,59285
7.07.2019	161,876	0,001	136,819	0,001	89,2181	0,001	70,4201	0,001	33,2174	0,13321	16,1714	0,83746	11,2099	0,82625	7,20734	0,70411	0,4445	0,65542
8.07.2019	162,13	0,001	137,902	0,001	86,473	0,001	70,1502	0,001	33,3793	0,12814	16,1548	0,83848	11,1765	0,82863	7,07123	0,71669	0,47712	0,64302
9.07.2019	162,229	0,001	137,953	0,001	86,2948	0,001	69,7803	0,001	32,8488	0,14477	16,1244	0,84034	10,8381	0,85254	6,8282	0,73915	0,57791	0,6047
10.07.2019	162,507	0,001	137,293	0,001	86,3069	0,001	69,6914	0,001	32,1377	0,16946	16,1434	0,83917	10,7626	0,8575	6,50282	0,76922	0,88862	0,48657
11.07.2019	162,729	0,001	137,517	0,001	87,2604	0,001	69,5847	0,001	33,2003	0,13375	16,189	0,83638	10,4813	0,87587	6,47762	0,77155	1,03244	0,43189
12.07.2019	162,991	0,001	135,899	0,001	86,3863	0,001	70,0604	0,001	31,9474	0,17641	16,2285	0,83396	11,0915	0,8347	6,56608	0,76337	0,90184	0,48154
13.07.2019	163,326	0,001	133,3	0,001	88,155	0,001	70,4965	0,001	29,8321	0,29725	16,3609	0,82586	11,072	0,83608	6,38279	0,78031	1,09688	0,40739
14.07.2019	277,343	0,001	159,261	0,001	78,4079	0,001	63,2259	0,001	39,7665	0,02461	16,5695	0,81227	10,814	0,85413	6,62594	0,75784	1,76537	0,18441
15.07.2019	277,81	0,001	160,787	0,001	78,8674	0,001	64,2403	0,001	37,5585	0,04504	17,1764	0,7708	10,847	0,85196	6,22237	0,79513	2,5247	0,11284
16.07.2019	164,128	0,001	134,161	0,001	88,7927	0,001	69,7952	0,001	31,4133	0,1977	16,575	0,81191	10,1332	0,89643	6,1248	0,80436	2,34379	0,12586
17.07.2019	164,507	0,001	134,359	0,001	86,4121	0,001	70,1229	0,001	32,502	0,15643	16,5816	0,81147	10,4398	0,87832	6,41009	0,77779	1,9535	0,16276
18.07.2019	280,57	0,001	160,887	0,001	79,4884	0,001	64,6932	0,001	39,0643	0,02991	17,3809	0,75657	10,8339	0,85282	6,61595	0,75876	1,97839	0,16009
19.07.2019	281,008	0,001	160,599	0,001	79,2979	0,001	64,4873	0,001	38,8715	0,03162	17,0663	0,77846	10,814	0,85413	6,53343	0,76639	1,79289	0,18092
20.07.2019	281,279	0,001	161,08	0,001	79,4955	0,001	62,9969	0,001	38,3788	0,03615	17,2528	0,76548	11,0258	0,83938	6,53687	0,76607	1,74878	0,18651

21.07.2019	281,831	0,001	161,043	0,001	79,8109	0,001	63,2009	0,001	37,7218	0,04318	17,3306	0,76007	11,0229	0,83958	6,62512	0,75792	1,84828	0,17407
22.07.2019	282,243	0,001	160,75	0,001	79,7604	0,001	62,9727	0,001	37,3545	0,04761	17,4112	0,75446	11,066	0,83651	6,51025	0,76853	1,94217	0,16398
23.07.2019	282,713	0,001	161,021	0,001	79,8028	0,001	63,2132	0,001	37,5331	0,04536	17,4672	0,75056	11,0447	0,83803	6,62085	0,75831	2,15356	0,14278
24.07.2019	283,132	0,001	161,289	0,001	79,752	0,001	63,1824	0,001	37,9096	0,04104	17,554	0,74452	11,0123	0,84034	6,88618	0,73379	2,28007	0,13153
25.07.2019	165,998	0,001	131,663	0,001	84,3831	0,001	71,1378	0,001	31,1627	0,21232	16,9209	0,78858	10,7153	0,8606	6,74292	0,74703	1,97917	0,16001
26.07.2019	166,253	0,001	131,527	0,001	84,6254	0,001	71,3347	0,001	30,8419	0,23279	16,9876	0,78394	10,7089	0,86103	6,73076	0,74815	2,00842	0,15686
27.07.2019	166,436	0,001	131,697	0,001	84,9617	0,001	71,415	0,001	31,0642	0,2186	16,9734	0,78493	10,665	0,86391	6,50963	0,76859	2,12061	0,14571
28.07.2019	166,722	0,001	131,934	0,001	85,0822	0,001	71,5202	0,001	31,1786	0,2113	17,0399	0,7803	10,6602	0,86422	6,40148	0,77858	2,14347	0,14367
29.07.2019	166,923	0,001	132,162	0,001	85,4539	0,001	71,6174	0,001	31,3753	0,19922	17,0645	0,77859	10,5925	0,86867	6,35262	0,7831	2,19453	0,13913
30.07.2019	167,184	0,001	132,424	0,001	85,0311	0,001	71,7127	0,001	31,7189	0,18552	17,0219	0,78155	10,5624	0,87065	6,28352	0,78948	2,21204	0,13758
31.07.2019	167,408	0,001	132,716	0,001	85,0408	0,001	71,8376	0,001	31,833	0,18097	17,0354	0,78061	10,6028	0,86799	6,38053	0,78052	2,10549	0,14705
1.08.2019	167,62	0,001	132,905	0,001	84,456	0,001	71,9363	0,001	31,7343	0,1849	16,8657	0,79242	10,7517	0,85822	6,34542	0,78376	1,96556	0,16147
2.08.2019	167,877	0,001	133,054	0,001	84,2649	0,001	72,0248	0,001	31,9234	0,17736	16,7246	0,80211	10,6865	0,86249	6,08207	0,80851	2,06074	0,15124
3.08.2019	168,12	0,001	133,246	0,001	83,7075	0,001	72,1044	0,001	32,0206	0,17365	16,5645	0,81259	10,6327	0,86603	6,01464	0,81505	2,10375	0,1472
4.08.2019	168,391	0,001	133,47	0,001	83,0659	0,001	72,0846	0,001	32,3111	0,16326	16,2715	0,83133	10,5939	0,86858	5,97044	0,81935	2,05765	0,15157
5.08.2019	168,507	0,001	133,732	0,001	82,5053	0,001	72,1454	0,001	32,2518	0,16538	16,3167	0,82857	10,5971	0,86837	5,82454	0,83308	2,16047	0,14216
6.08.2019	168,789	0,001	133,864	0,001	82,2883	0,001	72,288	0,001	32,5435	0,15495	16,053	0,84471	10,5638	0,87055	5,71899	0,84282	1,98766	0,15909
7.08.2019	168,973	0,001	134,075	0,001	79,6908	0,001	72,3442	0,001	32,1907	0,16756	15,7678	0,86113	10,8181	0,85385	5,66515	0,84778	1,93213	0,16506
8.08.2019	169,234	0,001	133,78	0,001	79,5866	0,001	72,6382	0,001	31,6776	0,18716	15,6235	0,86921	10,9831	0,84242	5,86512	0,82934	1,65229	0,19875
9.08.2019	169,489	0,001	134,232	0,001	78,7549	0,001	72,607	0,001	31,0204	0,2214	15,7208	0,86376	10,9272	0,8464	5,5258	0,85994	1,95598	0,1625
10.08.2019	169,876	0,001	133,993	0,001	78,6805	0,001	72,8807	0,001	31,6308	0,18903	15,7559	0,8618	10,8177	0,85388	5,87233	0,82868	1,83894	0,17508
11.08.2019	169,865	0,001	134,176	0,001	78,4046	0,001	73,0021	0,001	31,4372	0,19675	15,8433	0,8569	10,8869	0,84928	6,07462	0,80923	1,90191	0,16831
12.08.2019	170,093	0,001	133,487	0,001	78,3066	0,001	73,1145	0,001	30,3681	0,26304	15,9345	0,85179	10,9058	0,84793	6,0359	0,81299	1,89771	0,16876
13.08.2019	170,155	0,001	132,894	0,001	79,235	0,001	73,1635	0,001	29,3098	0,3306	16,1661	0,83778	10,8652	0,85076	5,95071	0,82126	2,15901	0,14229
14.08.2019	170,385	0,001	132,943	0,001	79,8216	0,001	73,3944	0,001	30,6168	0,24716	16,185	0,83663	10,6587	0,86432	5,86714	0,82916	2,39475	0,12207
15.08.2019	170,249	0,001	133,048	0,001	79,3807	0,001	73,4962	0,001	30,5658	0,25042	16,2397	0,83328	10,8302	0,85306	5,95967	0,82039	2,36228	0,12438
16.08.2019	170,34	0,001	133,42	0,001	79,5265	0,001	73,5966	0,001	30,3784	0,26238	16,2827	0,83065	10,8084	0,85449	5,8514	0,83061	2,45826	0,11756
17.08.2019	170,612	0,001	133,307	0,001	78,8904	0,001	73,6915	0,001	30,6666	0,24398	16,2462	0,83288	10,7948	0,85539	5,6486	0,84931	2,49308	0,11509
18.08.2019	170,855	0,001	133,577	0,001	78,7989	0,001	73,7876	0,001	31,1314	0,21431	16,2119	0,83498	10,7916	0,8556	5,70224	0,84436	2,36815	0,12396
19.08.2019	171,102	0,001	133,556	0,001	78,6128	0,001	73,8941	0,001	30,8162	0,23443	16,0881	0,84256	10,8653	0,85076	5,60412	0,85319	2,33385	0,12675
20.08.2019	171,345	0,001	133,584	0,001	79,2065	0,001	74,0137	0,001	30,2706	0,26926	16,2834	0,83061	10,799	0,85511	5,49202	0,86285	2,48532	0,11564
21.08.2019	171,608	0,001	133,41	0,001	79,4169	0,001	74,0194	0,001	30,7494	0,2387	16,3681	0,82542	10,7157	0,86058	5,50043	0,86212	2,56527	0,10996
22.08.2019	171,827	0,001	133,65	0,001	79,2373	0,001	74,0299	0,001	31,0275	0,22095	16,3976	0,82352	10,704	0,86135	5,56479	0,85658	2,53453	0,11214
23.08.2019	171,982	0,001	133,558	0,001	79,7485	0,001	74,2182	0,001	30,7147	0,24091	16,5394	0,81423	10,6832	0,86271	5,56111	0,85689	2,5566	0,11058
24.08.2019	172,196	0,001	133,45	0,001	79,7147	0,001	74,2771	0,001	30,9156	0,22809	16,5508	0,81349	10,5979	0,86832	5,39948	0,87082	2,63803	0,10479
25.08.2019	172,442	0,001	133,69	0,001	79,7718	0,001	74,4678	0,001	31,2389	0,20745	16,5476	0,8137	10,592	0,8687	5,40847	0,87005	2,69362	0,10084
26.08.2019	172,662	0,001	134,023	0,001	80,0776	0,001	74,5445	0,001	31,1496	0,21315	16,6365	0,80788	10,6065	0,86775	5,33558	0,87622	2,74169	0,09779
27.08.2019	172,884	0,001	133,971	0,001	80,2805	0,001	74,5505	0,001	30,9374	0,22669	16,8166	0,79584	10,56	0,8708	5,23737	0,88397	2,82632	0,09277
28.08.2019	173,067	0,001	134,184	0,001	80,7996	0,001	74,7451	0,001	31,272	0,20534	16,9974	0,78326	10,3561	0,88327	5,01702	0,90127	3,02475	0,08204
29.08.2019	173,154	0,001	134,426	0,001	81,1474	0,001	74,8384	0,001	31,7064	0,18601	17,152	0,7725	10,1264	0,89683	4,83809	0,91411	3,12425	0,07718

30.08.2019	173,211	0,001	134,482	0,001	81,0459	0,001	74,9337	0,001	31,7236	0,18533	17,1793	0,7706	10,1909	0,89302	4,8765	0,91143	3,12223	0,07728
31.08.2019	173,244	0,001	134,654	0,001	81,2564	0,001	75,0512	0,001	31,9693	0,17553	17,2566	0,76521	10,0275	0,90248	4,61855	0,92862	3,16413	0,07528
1.09.2019	173,518	0,001	134,862	0,001	80,925	0,001	75,1631	0,001	32,15	0,16902	17,0579	0,77904	10,0642	0,90047	4,44748	0,93892	3,13805	0,07652
2.09.2019	173,679	0,001	135,128	0,001	80,4783	0,001	75,2681	0,001	32,1167	0,17021	16,7401	0,80109	10,2545	0,88927	4,28022	0,94813	3,12482	0,07715
3.09.2019	173,965	0,001	135,322	0,001	80,5153	0,001	75,3931	0,001	32,1576	0,16874	16,7714	0,79899	10,1541	0,8952	4,14152	0,95514	3,13576	0,07663
4.09.2019	174,232	0,001	135,48	0,001	80,4274	0,001	75,4845	0,001	32,2733	0,16461	16,6946	0,80407	10,0382	0,90189	3,91407	0,96531	3,15969	0,07549
5.09.2019	174,319	0,001	135,616	0,001	79,7812	0,001	75,5125	0,001	32,0984	0,17086	16,6288	0,80838	10,2546	0,88926	4,07901	0,95805	3,16319	0,07533
6.09.2019	174,468	0,001	135,649	0,001	79,9611	0,001	75,6419	0,001	32,2998	0,16366	16,6678	0,80583	10,1341	0,89638	4,14651	0,9549	3,16472	0,07526
7.09.2019	174,589	0,001	135,723	0,001	79,4023	0,001	75,6693	0,001	32,2572	0,16518	16,7608	0,79972	10,0667	0,90033	4,13881	0,95527	3,16422	0,07528
8.09.2019	174,553	0,001	135,81	0,001	79,6205	0,001	75,7157	0,001	32,275	0,16455	16,9168	0,78886	9,92922	0,90776	4,21371	0,95155	3,1621	0,07538
9.09.2019	174,369	0,001	135,739	0,001	79,3922	0,001	75,7866	0,001	32,1356	0,16953	17,0334	0,78075	9,8381	0,91249	4,20652	0,95191	3,18013	0,07456
10.09.2019	174,475	0,001	135,798	0,001	79,7506	0,001	75,8419	0,001	32,3284	0,16264	17,1544	0,77233	9,7978	0,91456	4,19357	0,95256	3,17657	0,07471
11.09.2019	174,457	0,001	136,262	0,001	79,6162	0,001	76,1533	0,001	32,6996	0,14945	17,1936	0,7696	9,66775	0,92099	4,05164	0,95933	3,18942	0,07414
12.09.2019	174,259	0,001	136,461	0,001	79,3954	0,001	76,2544	0,001	32,7101	0,14911	17,2073	0,76865	9,73481	0,9177	3,93397	0,96447	3,18541	0,07432
13.09.2019	174,218	0,001	136,613	0,001	79,1298	0,001	76,2976	0,001	32,7462	0,14798	17,1926	0,76967	9,71911	0,91848	3,85055	0,96783	3,18958	0,07414
14.09.2019	173,962	0,001	136,733	0,001	78,9369	0,001	76,1992	0,001	32,7885	0,14666	17,2797	0,76361	9,64372	0,92214	3,78922	0,97024	3,17546	0,07476
15.09.2019	173,63	0,001	136,867	0,001	79,3152	0,001	76,3912	0,001	32,8763	0,1439	17,4572	0,75126	9,50863	0,92845	3,70715	0,97318	3,1324	0,07679
16.09.2019	173,231	0,001	136,785	0,001	79,5763	0,001	76,4503	0,001	32,9748	0,14082	17,5739	0,74313	9,479	0,9298	3,64369	0,97539	3,13705	0,07657
17.09.2019	173,694	0,001	136,358	0,001	79,3981	0,001	76,1735	0,001	32,9642	0,14115	17,6229	0,73973	9,5817	0,9251	3,54249	0,97858	3,20973	0,07324
18.09.2019	174,261	0,001	135,379	0,001	79,2205	0,001	76,1932	0,001	32,9071	0,14294	17,5798	0,74272	9,76032	0,91643	3,98068	0,96245	3,20893	0,07328
19.09.2019	173,723	0,001	135,604	0,001	79,6209	0,001	76,4394	0,001	33,017	0,1395	17,6745	0,73613	9,88648	0,91002	3,73389	0,97222	3,2279	0,07244
20.09.2019	173,716	0,001	136,287	0,001	79,0068	0,001	76,2655	0,001	33,0284	0,13914	17,8627	0,72304	9,84241	0,91227	3,74391	0,97186	3,22551	0,07255
21.09.2019	173,573	0,001	136,091	0,001	78,7264	0,001	76,4843	0,001	33,0972	0,13698	17,8039	0,72713	9,72491	0,91819	3,77705	0,97068	3,21309	0,0731
22.09.2019	173,164	0,001	136,024	0,001	79,0684	0,001	76,7031	0,001	33,1424	0,13556	18,0228	0,7119	9,68995	0,91993	3,88927	0,96629	3,1088	0,07791
23.09.2019	172,932	0,001	135,983	0,001	79,8758	0,001	76,8604	0,001	32,9692	0,14099	18,4226	0,68407	9,63368	0,92262	3,99174	0,96197	2,82254	0,09298
24.09.2019	172,936	0,001	136,077	0,001	80,4386	0,001	77,2339	0,001	33,2702	0,13156	18,7947	0,65817	9,48329	0,92961	4,19533	0,95247	2,44403	0,11857
25.09.2019	172,763	0,001	135,683	0,001	80,6845	0,001	77,3973	0,001	33,3126	0,13023	18,9864	0,64484	9,53864	0,92707	4,29834	0,94717	2,49931	0,11464
26.09.2019	172,44	0,001	135,402	0,001	80,949	0,001	77,5255	0,001	33,3812	0,12808	19,1381	0,63428	9,49644	0,929	4,33083	0,94545	2,44478	0,11852
27.09.2019	172,221	0,001	134,882	0,001	80,8213	0,001	77,6361	0,001	33,4275	0,12663	19,1432	0,63392	9,5908	0,92467	4,23724	0,95038	2,3339	0,12674
28.09.2019	172,076	0,001	135,195	0,001	81,0735	0,001	77,7398	0,001	33,486	0,12483	19,1966	0,63021	9,61371	0,92357	4,24595	0,94994	2,23052	0,13593
29.09.2019	172,313	0,001	135,231	0,001	80,9622	0,001	77,9081	0,001	33,4165	0,12697	19,1557	0,63305	9,55862	0,92616	4,25364	0,94954	2,12385	0,14542
30.09.2019	172,435	0,001	135,257	0,001	80,9005	0,001	77,9034	0,001	33,4633	0,1255	19,0997	0,63695	9,59374	0,92453	4,22124	0,95118	2,14278	0,14373
1.10.2019	172,574	0,001	135,444	0,001	80,9582	0,001	77,9577	0,001	33,5039	0,12435	19,0595	0,63975	9,55957	0,92611	4,20865	0,95181	2,18564	0,13992
2.10.2019	172,796	0,001	135,431	0,001	80,946	0,001	78,0135	0,001	33,5765	0,12242	19,0863	0,63788	9,5498	0,92656	4,20167	0,95215	2,11079	0,14658
3.10.2019	173,013	0,001	135,597	0,001	81,1846	0,001	78,1532	0,001	33,615	0,12139	19,1524	0,63328	9,50816	0,92847	4,21305	0,95159	2,14234	0,14377
4.10.2019	173,232	0,001	135,566	0,001	81,2317	0,001	78,0836	0,001	33,6594	0,12022	19,175	0,63171	9,47865	0,92982	4,21133	0,95167	2,15489	0,14266
5.10.2019	173,383	0,001	135,575	0,001	81,4286	0,001	78,2239	0,001	33,7531	0,11773	19,3685	0,61824	9,48318	0,92961	4,24598	0,94994	2,14217	0,14379
6.10.2019	173,7	0,001	135,577	0,001	81,4062	0,001	78,266	0,001	33,6857	0,11952	19,2033	0,62974	9,42836	0,93203	4,19223	0,95262	2,16334	0,14191
7.10.2019	173,859	0,001	135,858	0,001	81,2812	0,001	78,1784	0,001	33,7976	0,11654	19,2511	0,62641	9,4666	0,93035	4,2019	0,95214	2,22063	0,13681
8.10.2019	174,139	0,001	135,898	0,001	81,2589	0,001	78,2775	0,001	33,7121	0,11881	19,0092	0,64325	9,40514	0,93304	4,07161	0,9584	2,24866	0,13432

8.10.2019	174,139	0,001	135,898	0,001	81,2589	0,001	78,2775	0,001	33,7121	0,11881	19,0092	0,64325	9,40514	0,93304	4,07161	0,9584	2,24866	0,13432
9.10.2019	174,299	0,001	135,92	0,001	80,9869	0,001	77,7032	0,001	33,8948	0,11396	18,7573	0,66078	9,64975	0,92185	4,01706	0,96088	2,39175	0,12228
10.10.2019	174,493	0,001	136,014	0,001	81,2079	0,001	78,1161	0,001	34,0239	0,11053	18,8682	0,65306	9,62226	0,92317	4,03722	0,96	2,29619	0,1301
11.10.2019	174,916	0,001	136,232	0,001	81,1577	0,001	78,2231	0,001	33,992	0,11137	18,9355	0,64838	9,47961	0,92978	4,09268	0,95742	2,2388	0,1352
12.10.2019	175,117	0,001	136,495	0,001	81,2991	0,001	78,0117	0,001	34,0705	0,10929	18,9092	0,65021	9,56087	0,92605	4,10917	0,95665	2,39032	0,12239
13.10.2019	175,353	0,001	136,353	0,001	81,3226	0,001	77,4925	0,001	34,1771	0,10645	18,7353	0,66231	9,63789	0,92242	4,00994	0,96118	2,7136	0,09951
14.10.2019	175,629	0,001	136,402	0,001	81,3964	0,001	77,5647	0,001	34,2197	0,10532	18,8188	0,6565	9,66222	0,92126	4,03048	0,9603	2,63794	0,1048
15.10.2019	175,866	0,001	136,487	0,001	81,5603	0,001	77,5958	0,001	34,2622	0,10419	18,841	0,65495	9,72738	0,91807	4,06072	0,95891	2,65979	0,10325
16.10.2019	176,081	0,001	136,905	0,001	81,6215	0,001	77,7991	0,001	34,2833	0,10363	18,8704	0,65291	9,66197	0,92127	4,15123	0,95466	2,63203	0,10522
17.10.2019	176,342	0,001	136,993	0,001	81,7298	0,001	77,3809	0,001	34,3669	0,10141	18,9148	0,64982	9,74974	0,91696	4,14176	0,95513	2,82786	0,09268
18.10.2019	176,566	0,001	137,168	0,001	81,8391	0,001	77,5976	0,001	34,4072	0,10034	18,9262	0,64903	9,71627	0,91862	4,18462	0,953	2,78129	0,09538
19.10.2019	176,807	0,001	137,342	0,001	81,9456	0,001	77,5702	0,001	34,3981	0,10058	18,8405	0,65499	9,7159	0,91864	4,13971	0,95522	2,85251	0,09126
20.10.2019	177,02	0,001	137,548	0,001	82,0483	0,001	77,6872	0,001	34,4564	0,09914	18,8359	0,65531	9,73285	0,9178	4,15646	0,9544	2,79581	0,09452
21.10.2019	177,255	0,001	137,736	0,001	82,1399	0,001	77,7798	0,001	34,5232	0,09756	18,8568	0,65386	9,72443	0,91821	4,19786	0,95234	2,75312	0,0971
22.10.2019	177,443	0,001	137,909	0,001	82,1161	0,001	77,8075	0,001	34,6113	0,09548	19,0292	0,64186	9,75232	0,91683	4,31065	0,94652	2,66998	0,10252
23.10.2019	177,646	0,001	138,007	0,001	82,0841	0,001	78,1657	0,001	34,5889	0,09601	19,1582	0,63288	9,65369	0,92166	4,37112	0,94323	2,53199	0,11232
24.10.2019	177,963	0,001	138,318	0,001	82,2888	0,001	78,083	0,001	34,3134	0,10283	18,8193	0,65647	9,62483	0,92304	4,19135	0,95267	2,76182	0,09657
25.10.2019	178,134	0,001	138,66	0,001	82,3915	0,001	77,9699	0,001	34,3723	0,10127	18,5257	0,67689	9,68974	0,91994	4,06477	0,95872	2,86144	0,09075
26.10.2019	178,364	0,001	138,376	0,001	82,3977	0,001	78,0631	0,001	34,4054	0,10039	18,1859	0,70054	9,72029	0,91842	3,98768	0,96215	2,67367	0,10226
27.10.2019	178,594	0,001	138,272	0,001	82,5046	0,001	78,1171	0,001	34,6162	0,09536	18,1196	0,70515	9,68102	0,92036	3,98942	0,96207	2,61151	0,10668
28.10.2019	178,56	0,001	138,986	0,001	82,6142	0,001	77,9911	0,001	34,6883	0,09373	17,855	0,72357	9,66809	0,92098	3,91757	0,96517	2,72733	0,09867
29.10.2019	178,712	0,001	139,145	0,001	82,7517	0,001	78,064	0,001	34,6877	0,09374	17,9768	0,7151	9,6822	0,9203	3,89985	0,96587	2,81409	0,09347
30.10.2019	178,932	0,001	139,253	0,001	82,9421	0,001	78,3317	0,001	34,7952	0,09132	17,97	0,71557	9,68334	0,92025	3,91236	0,96538	2,83546	0,09224
31.10.2019	179,167	0,001	139,607	0,001	82,8863	0,001	78,3575	0,001	34,9212	0,08856	18,0076	0,71295	9,67781	0,92051	3,94139	0,96415	2,91321	0,0879
1.11.2019	179,401	0,001	139,777	0,001	82,9255	0,001	78,4505	0,001	34,9772	0,08736	17,9685	0,71567	9,65145	0,92177	3,99401	0,96187	3,00439	0,08308
2.11.2019	179,481	0,001	139,946	0,001	83,0392	0,001	78,4176	0,001	34,97	0,08751	17,9804	0,71485	9,68606	0,92012	4,03784	0,95997	3,04431	0,08105
3.11.2019	179,727	0,001	140,114	0,001	83,1464	0,001	78,4841	0,001	35,0694	0,08538	17,9133	0,71951	9,71411	0,91873	4,01426	0,961	3,05894	0,0803
4.11.2019	179,944	0,001	140,291	0,001	83,2201	0,001	78,5807	0,001	35,0808	0,08514	17,9549	0,71662	9,72158	0,91836	4,07237	0,95836	3,16112	0,07543
5.11.2019	180,207	0,001	140,407	0,001	83,3796	0,001	78,6564	0,001	35,1562	0,08359	17,9696	0,7156	9,69151	0,91985	4,14101	0,95516	3,23262	0,07223

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Publications:

1) Topuz, Hümeyra (2018): ''Blockchain Technology: Distributed Database Providing Encrypted Process Tracking''. İstanbul: Bilimevi İktisat Journal No (2), 0-138.

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