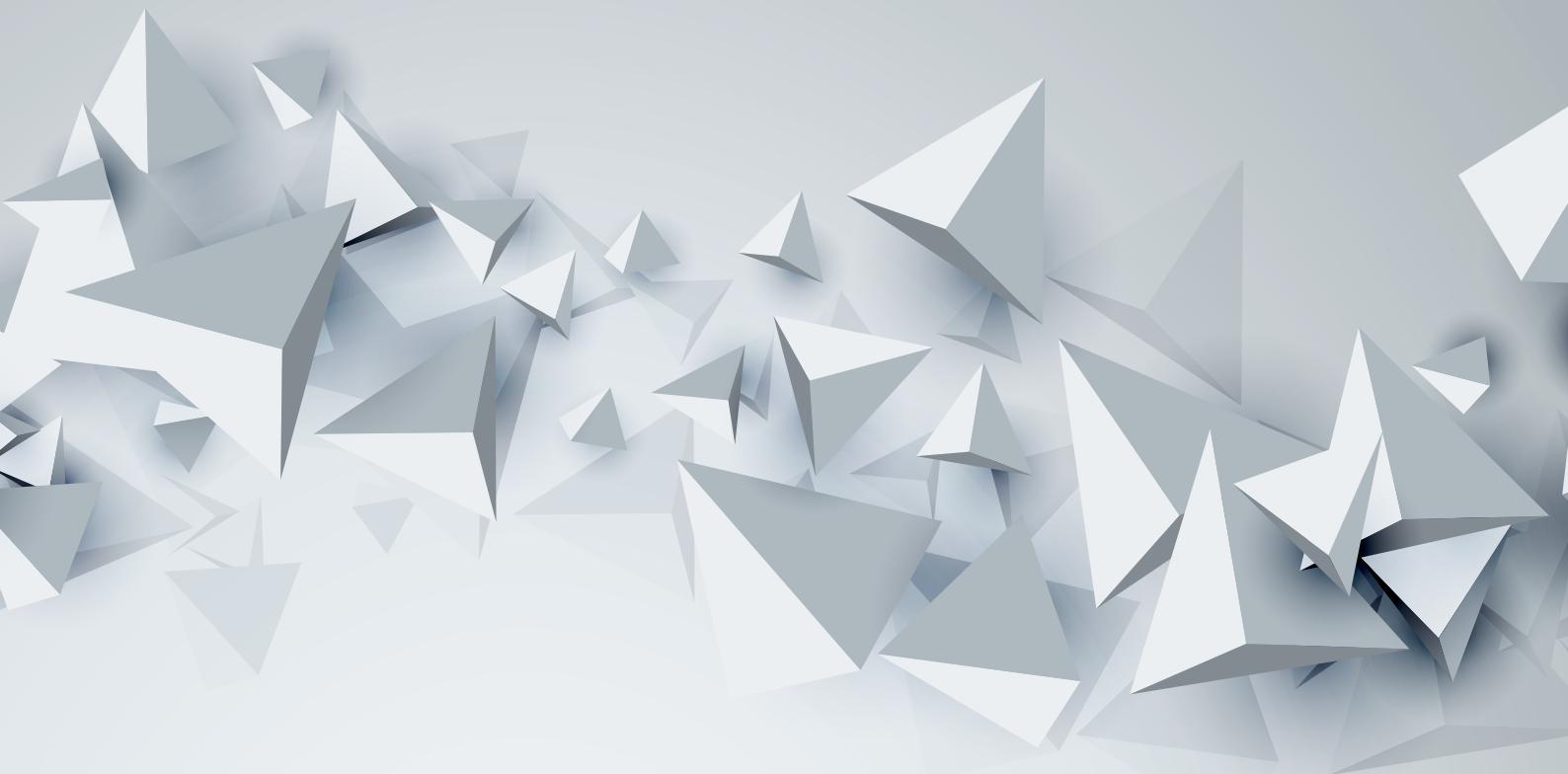


# RIALTO AI

Crypto AI arbitrage and market maker





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*"In all chaos there is a cosmos, in all disorder a secret order."*  
- Carl Jung

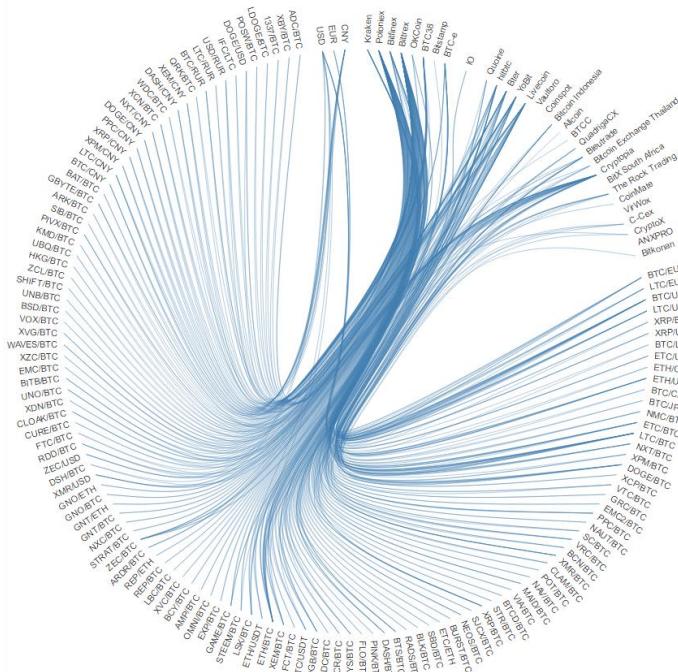
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# ABOUT THE PROJECT

*"It will be everywhere and the world will have to readjust."*

- John McAfee about Bitcoin

The blockchain industry is only at its inception and the growth potential matches the internet expansion in the late nineties. Just as search engines, browsers and social networks disrupted the Internet; Bitcoin, Ethereum, and other blockchain-associated ecosystems will force traditional institutions to reconsider and change their roles in the industry. Every day new projects are being introduced, established institutions are entering the blockchain, and a growing number of users are adopting the blockchain disruptive technology. Great projects like Ionomi and Taas have already successfully connected users to the landscape of several cryptocurrencies and crypto assets. Our part is to connect thousands of gateways with millions of transactions that are currently executed within the isolated exchanges.



**Figure 1. Crypto exchanges diversity plot is exposing trading pairs associated with a given exchange.**

At the time of writing, there are 756 different cryptocurrencies and 128 different digital assets that trade between 4179 exchanges and gateways worldwide. The volume of daily crypto transactions represents an unprecedented opportunity to exploit the price differences between multiple exchanges. Arbitrage Digital Asset Pool will cover the largest number of gateways and seek to profit on every transaction that is processed by proprietary algorithms. Such market maker is well positioned to own a single entry point to any cryptocurrency or digital asset worldwide.

We are dedicated to the mission of establishing RIALTO.AI as the largest arbitrage and market maker in the growing multi-billion landscape of cryptocurrencies, digital assets, and blockchain transactions.

By providing liquidity and matching orders, we are increasing the efficiency of crypto markets, while earning a fraction on every transaction for our supporters.



# WHITEPAPER

*"The value of an idea lies in the using of it."*

- Thomas Edison

The purpose of this document is for every supporter to gain a clear insight into our business model, the team behind it and our long term vision. Our core algorithms for automated arbitrage will be described and proposed improvements using machine learning approach will be exposed.

Since our inception, we have managed to grow into a strong team, thanks to the community of initial supporters, evangelists, and partners, to whom we owe gratitude for the results that we have achieved and will improve on in the future.

Whitepaper can be subject to updates. Last published update: 15th of June 2017. We suggest that you review this information periodically for changes.

**For the purposes of this Whitepaper, the following terms are explained:**

<b>Gateway</b>	Service that automates the transaction	<b>Floating Capital</b>	Offline stored digital assets and fiat currencies that are movable and storable
<b>Arbitrage</b>	Simultaneous buying and selling of an asset in different markets	<b>Digital Asset Pool</b>	Tokens in possession of RIALTO.AI available in particular public blockchain network
<b>Market Making</b>	Quoting both a buy and a sell price in different gateways	<b>Hard Cap</b>	The amount to which the distribution of RIALTO.AI tokens is limited
<b>Script</b>	Program or sequence of instructions	<b>Floor</b>	Minimum value (threshold) that the crowdsale will raise
<b>Volatility</b>	Statistical measure of dispersion of returns for a given asset	<b>Liquidity Pool</b>	Possible amount of instant trading volume on exchanges and gateways
<b>Spread</b>	Difference between the bid and the ask price of an asset in one or different gateways	<b>Arbitrage Event</b>	Occurrence of optimal volume match & sufficient price difference after netting all transaction fees
<b>Slippage</b>	Difference between the expected price of a trade and the price at which the trade is actually executed	<b>Trade Event</b>	Every arbitrage event that meets preconditions of order book depth parameter, and execution slippage indicator
<b>XRL</b>	RIALTO.AI token on Ethereum platform	<b>Token</b>	Fungible digital asset available in particular public blockchain network



## BUSINESS FOUNDATION

*"In the business world, the rearview mirror is always clearer than the windshield."*

- Warren Buffett

Business foundation of RIALTO.AI is built on four pillars for successful implementation and feasibility of arbitrage and market making strategies in the cryptocurrency markets.

1. Scaling up of private arbitrage scripts, their running stability, and executing efficiency.
2. Utilizing economies of scale through successful crowdsale (lowering the “spill-over” costs of the need for having pools of assets allocated at different exchanges and gateways).
3. Increasing transactional efficiency by lowering volume based fees and negotiating individual agreements.
4. Multiplying the number of end trade events by covering additional exchanges and gateways.

We are closely monitoring development of new markets and gateways within the blockchain transactional landscape. The industry exhibits strong double-digit growth rates and we expect this trend to continue in the near future. In order to have the advantage of positioning as the first mover, we evaluate different expanding options on the ongoing basis. Any new market entrances will be announced through press releases.



# EXECUTIVE TEAM

*"It's not about ideas. It's about making ideas happen."*  
- Scott Belsky



## LEON KOJCJANCIC

PhD Researcher at the Defence Academy of the United Kingdom

**Role:** Design and development of data processing algorithms used in trade execution systems

**Expertise:** Advanced simulations of engineering processes, supercomputing, microwave technology, signal processing



## VALENTIN GJORGJOSKI

PhD in Computer Science with Focus on Data Mining

**Role:** Leading developer, specialized for data exploration, visualization and data mining

**Expertise:** Machine learning, math and algorithms, scalable software development, consulting experience, cofounder of several businesses, including Grabit



## VLADIMIR KUZMANOVSKI

PhD in Information and Communication Technologies

**Role:** Data mining and development of live market information internal database

**Expertise:** Artificial intelligence, data mining, database development, geoinformatics



## HRISTIJAN GJORESKI

PhD in Computer Science, Focus on Data Science and Machine Learning

**Role:** Design and development of machine learning algorithms for time-series analysis and prediction

**Expertise:** Data science, artificial intelligence, machine learning, deep learning, time series



### DARKO CHEREPNAKOLSKI

PhD in Computer Science with Focus  
on Machine Learning and Data Science

**Role:** Machine learning, artificial  
intelligence and data mining operations

**Expertise:** Developing machine learning  
algorithms and models, social network  
analysis

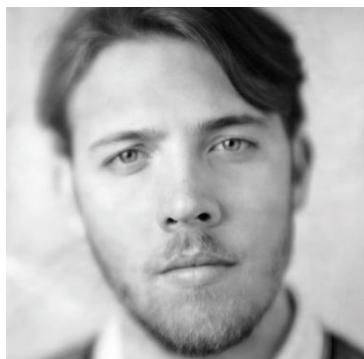


### VITO MARTIN HRZENJAK

Finance Specialist with  
International Experience

**Role:** Market predictions, connecting  
Engineers with the market, deep  
experience in financial sector analysis

**Expertise:** Industry analyst with trading,  
banking and fintech experience



### UROS STOJSAVLJEVIC

Specialist in Political Economy  
and Market Synergies

**Role:** Overseeing business development,  
project management and external  
communications

**Expertise:** Product market synergies,  
applied commodification and capital  
multiplication, strategic negotiation,  
organizational leadership



### PATRICIJA JUKIC

Business Specialist with  
International Experience

**Role:** Business development and  
improving efficiency of internal  
business processes

**Expertise:** Strategy development,  
performance improvement, risk  
management, consulting experience

In addition to our executive team, we expect to further increase our team by cooperating with the best external experts and consultants on the market for legal compliance (blockchain & financial markets), crowdfunding procedure, general business development, and digital marketing.



# MARKET INSIGHT

*"I never guess. It is a capital mistake to theorize before one has data."*  
- Sir Arthur Conan Doyle

We perform regular market analysis to keep an eye on the big picture. It is of extreme importance to recognize general market trends to maximize the potential of our developed arbitrage algorithms.

Volume, volatility and technological feasibility of API implementations are major determining factors. Therefore, it is at the sole discretion of the team to decide which markets and exchanges will be covered. The decision will always be made in accordance with the value maximization guidelines.

Data depicted below represents the most relevant information about the current state of crypto markets. The market is a dynamical growing system and as such is a subject of constant change. The chart below demonstrates BTC dominance in the market that reaches 39% at the time of writing.

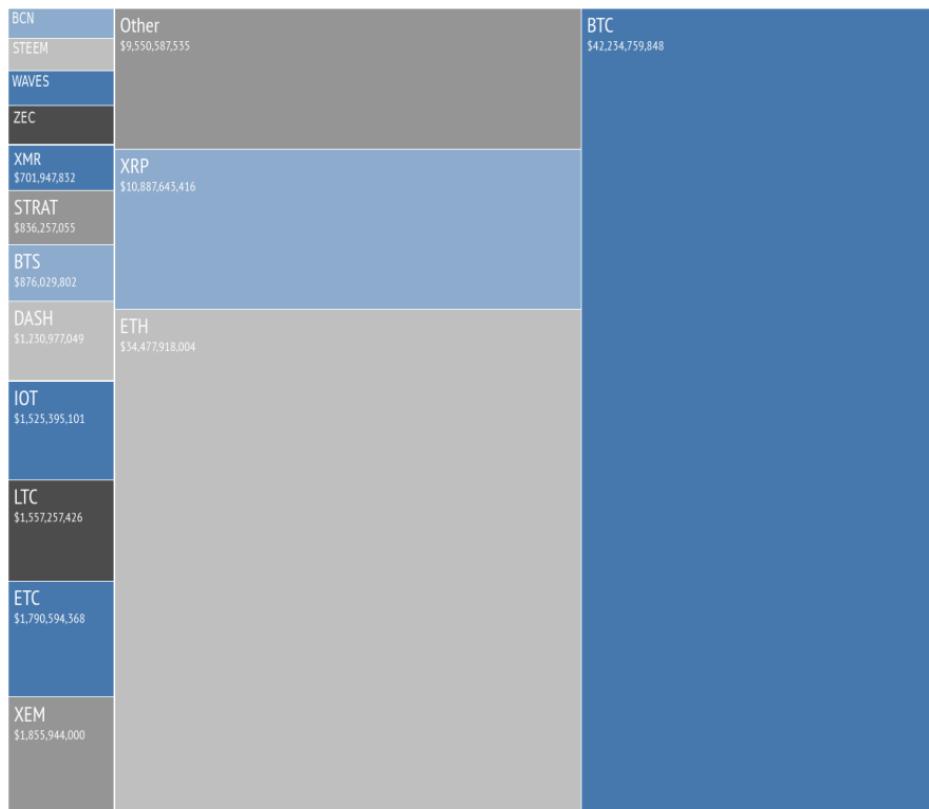


Figure 2. Cryptocurrencies by market capitalization.

More important metric for arbitrage is 24h trading volume of a certain currency. We can see in the figure below that BTC is again dominating with 1.6 billion USD of trading volume in one day. ETH daily trading volume is exhibiting higher growth and can surpass BTC in case this trend continues. All the currencies listed below have trading volumes large enough for automatic trading execution.

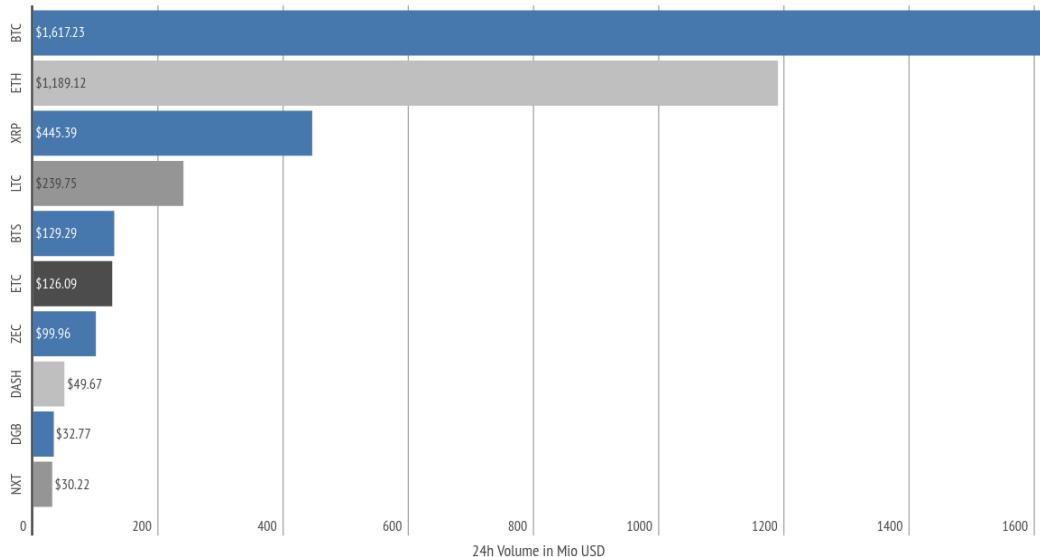


Figure 3. Cryptocurrencies listed by 24h trading volume.

Arbitrage can be executed among different trading pairs. Pairs that exceed \$10 Mio in terms of 24h trading volume are listed below. Trading pairs below provide enough liquidity for simultaneous selling and buying procedures executed by our trading algorithms.

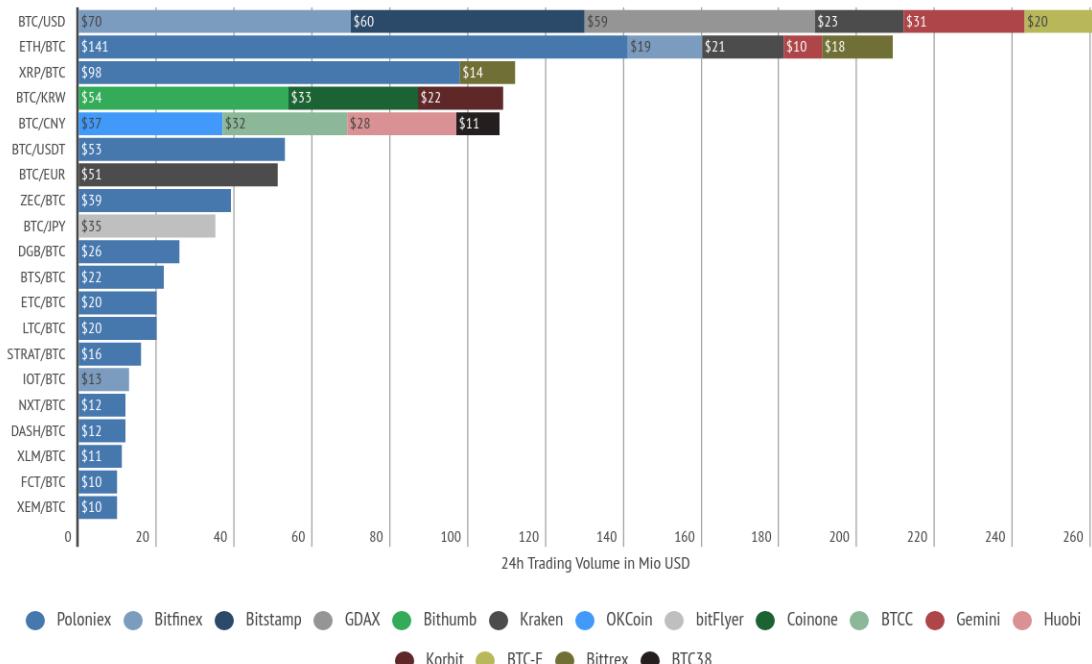


Figure 4. Cryptocurrency trading pairs with daily volume above \$10 Mio.

Tokens deriving from numerous crowdsale projects represent another potential opportunity for arbitrage trading. Besides cryptocurrencies, such tokens are also listed on major exchanges and represent more diverse trading environment that can be exploited. In the first three months, RIALTO.AI will not execute any trades on listed tokens from recent successful crowdsales as the majority of tokens are listed for less than 12 months and sufficient market data for reliable evaluation does not yet exist. We see it as the first potential for expanding our strategy when the market trading parameters for tokens will match the ones of largest cryptocurrencies.

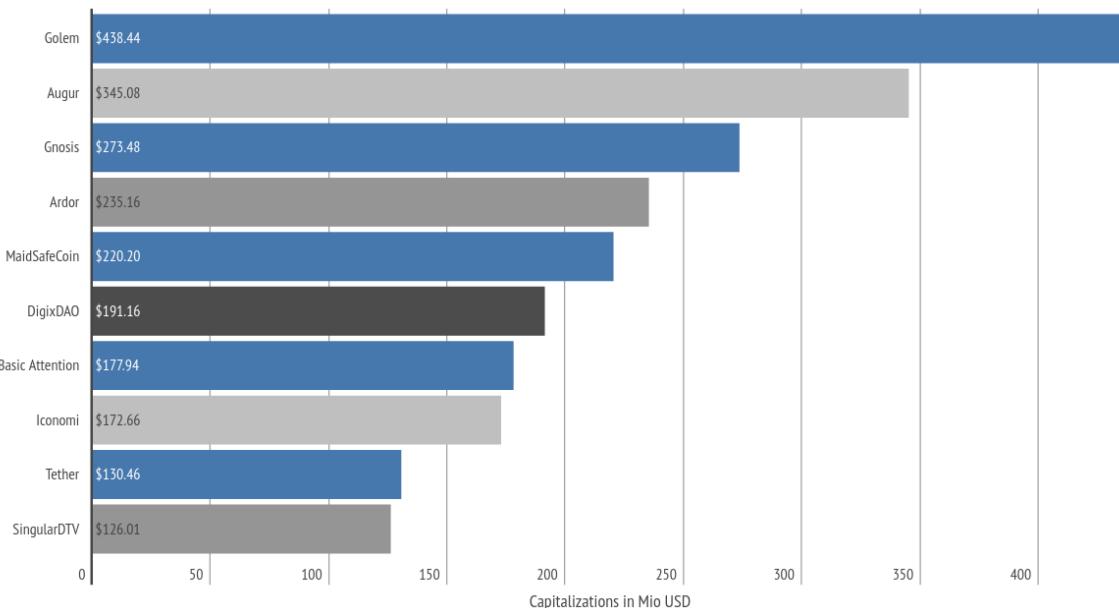


Figure 5. Major assets that are listed on crypto exchanges.

## Spread Analysis

Arbitrage and market making feasibility is dependent on the spread between prices for individual asset. In the growing and especially young markets, spreads and complementary inefficiencies tend to be higher. This is because demand and supply vary according to the characteristics of particular local markets, features of individual exchange, reputation of particular exchange, limitation of capital flows between countries, etc. Cryptocurrency markets exhibit the same evolvement pattern and the price difference can be exploited for a profit while satisfying the need of the market for efficient order matchmaking and liquidity.

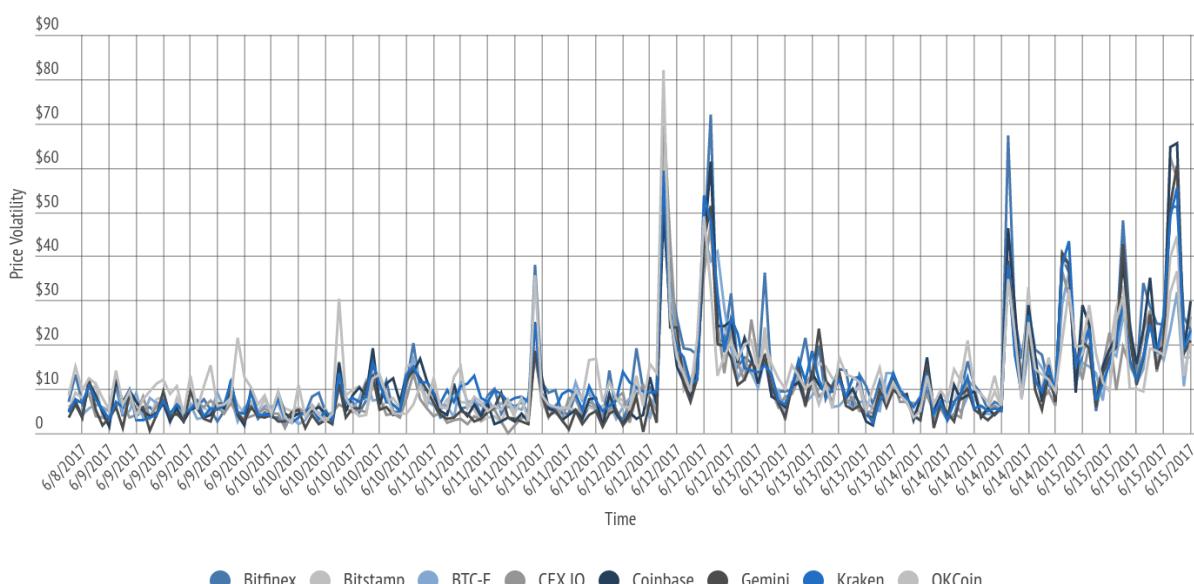
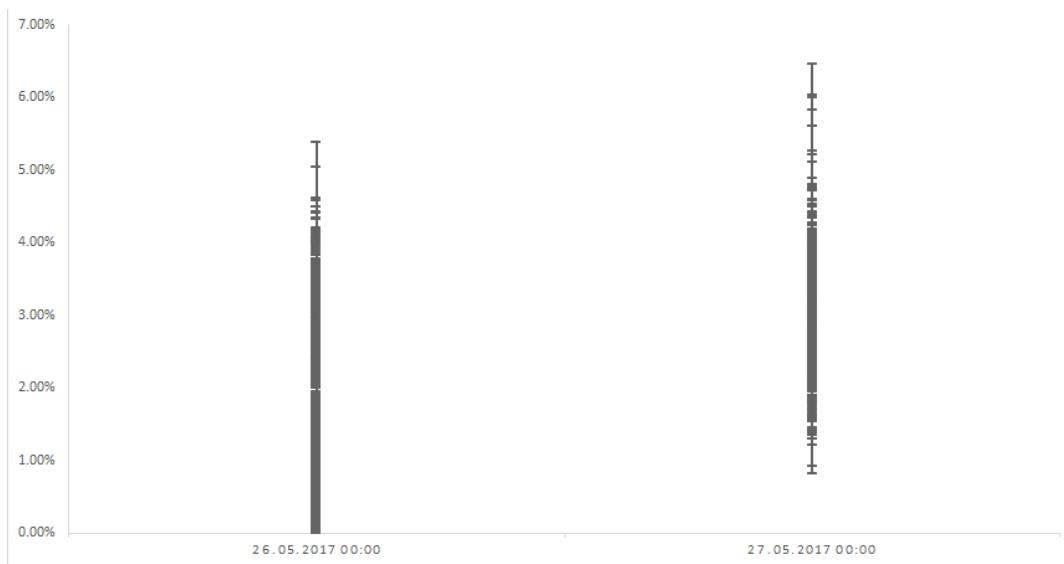


Figure 6. Price volatility is a statistical measure of a price fluctuation. Higher volatility tends to result in more trading opportunities.

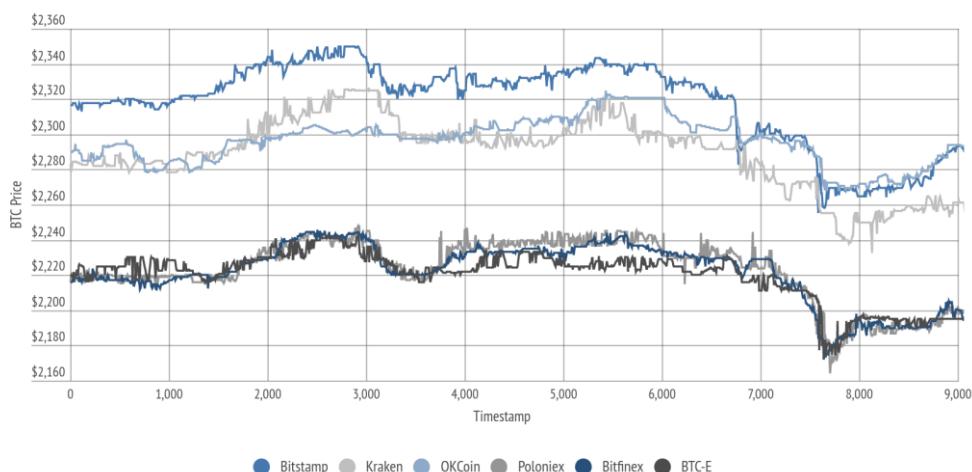


Volatility is an important influencing factor that is highly correlated with the arbitrage spread margins. In the times of higher market volatility prices between exchanges tend to vary disproportionately. This increase in margins occurs due to different trading volumes on exchanges, efficiency of the underlying execution systems, and market psychology (e.g. panic selling). As the market settles and observed asset is trading within the narrow channel, the spread margins converge closer.



**Figure 7. Increase of spread margins (Bitstamp-Kraken) in times of increased market volatility during the 48-hour period.**

Number of price divergence events is growing in the cryptocurrency markets. We expect this trend to steadily continue in the near future as new exchanges and gateways are entering the market. The spread margins however are projected to stay the same. If in the medium term, the regulation environment for blockchain and crypto markets improves this would result in establishment of the few institutional and licensed coin exchanges. Therefore the price spreads between the designated exchanges would converge to lower percentage but also enable arbitrage on a larger average volume per trade.



**Figure 8. BTC price comparison in a 3 hour trading window. The visible price difference for different exchanges is exploited by the arbitrage algorithm that executes trades at two exchanges simultaneously.**

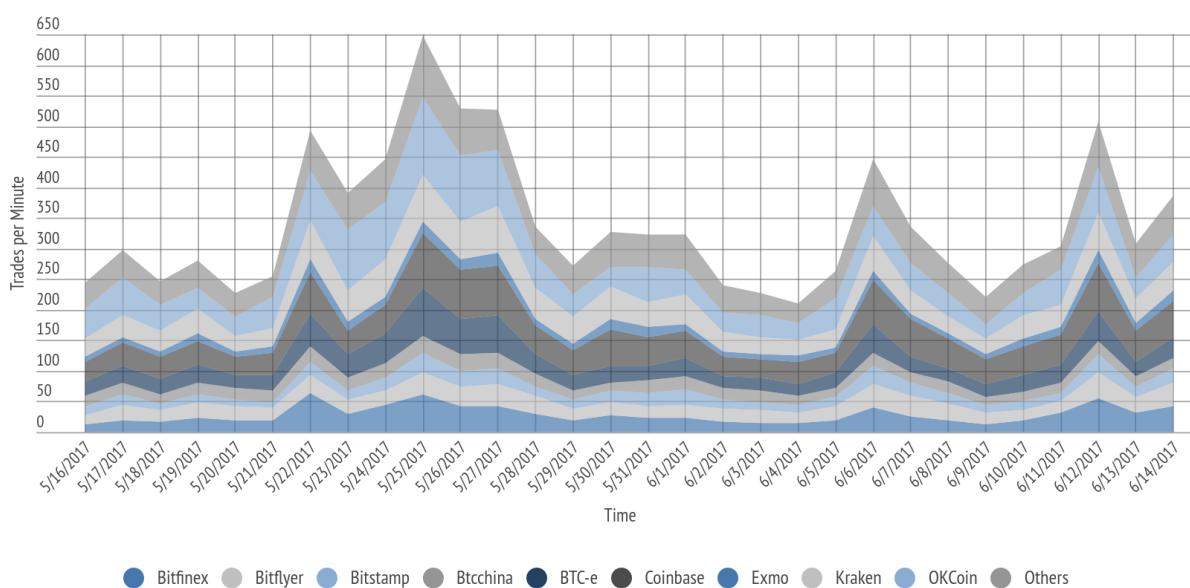


Key part of the arbitrage algorithm is the selective filtering through the database of available arbitrage events. Arbitrage event is defined as the occurrence of optimal volume match and sufficient price difference between identical assets that enables minimum net margin after transaction fees on both gateways are met.

***Table of arbitrage events is included in Appendix 1.***

Trade event is labelled every arbitrage event that complies with preconditioned order book depth parameter, and execution slippage indicator.

***Table of trade events is included in Appendix 2.***



**Figure 9. Number of total price divergence events for major exchanges.**

Our target amount and hard cap of \$10 million in nominal value is calculated on the optimal performance we could achieve at the current market volume. In case the market will disproportionately outgrow our projections, we would evaluate potential for expanding to institutional investments, which would further benefit our crowdsale supporters.

Calculation is based on the average available arbitrage volume in most recent period on selected exchanges. The change in price of cryptocurrencies used in trading (e.g. BTC and ETH) varies and therefore directly influences the need and optimal amount for liquidity pools and floating capital.



## EXAMPLE OF TRADING LIQUIDITY CYCLE ON BTC:

$$(\$BTCprice \times avg.trade\ volume \times avg.hourly\ trades \times 24)$$

≡

*Average Turnover On 1 Exchange (TRN)*

## LIQUIDITY POOL

$$TRN \times 2 (bid \& ask) \times Number\ Of\ Exchanges$$

*Example on BTC \$ price of 2.800*  
 $(\$2.800 \times 1 \times 8 \times 24) \times 2 \times 5 = \$5.376.000$

## FLOATING CAPITAL

$$Total\ digital\ asset\ pool - Liquidity\ pool \equiv Floating\ capital$$

$$\$10.000.000 - \$5.376.000 = \$4.624.000$$

Floating capital consists of cryptocurrencies and fiat assets in circulations which are movable and storable. This capital is crucial and enables ongoing utilisation of arbitrage algorithm. Absence of sufficient floating capital is weighing on performance of small-scale arbitrage and market making funds.

We monitor the amount of liquidity pools on every exchange and use a predictive model to estimate when the relocation of floating capital will be necessary. Performing such strategy allows us enough time to relocate assets and optimize running performance.



# STRATEGY

*"The most powerful force in the universe is compound interest."*

- Albert Einstein

The competitive advantage of RIALTO.AI is carved into the proprietary nature of algorithms and software tools. They help identify trade opportunities, interpret the historical database, find data patterns, and adjust the parameters in real-time. The in-house research and development of algorithms and trading tools is the main driver behind the success of the fund and will represent the winning edge and growth driver in the future.

## 1. Arbitrage

The developed arbitrage algorithm executes simultaneous purchase and sale of a cryptocurrency pair to profit from a difference in the price between different exchanges. The algorithm uses 24/7 live data stream of order books from several exchanges that fulfil the background check criteria. The trading algorithm only executes arbitrage trades when all of the predefined criteria are checked. The control parameters are adjusted in real-time. One simple criterion is sufficient divergence (Fig. 7), i.e., the minimum difference in prices between two exchanges that still enables a profitable trade after netting the execution fees. Another criterion is the depth and the deviation of the market order book, which insures that the trade is executed simultaneously or it does not enter the trade at all.

In the second development phase, when the representative sample will be big enough for implementation (>30.000 executions), we intend to use machine learning techniques to train the classifier which will automate the decision making process for executing trades. In particular, we will use expert knowledge to extract features, which describe data in the best possible manner. Each criterion will be

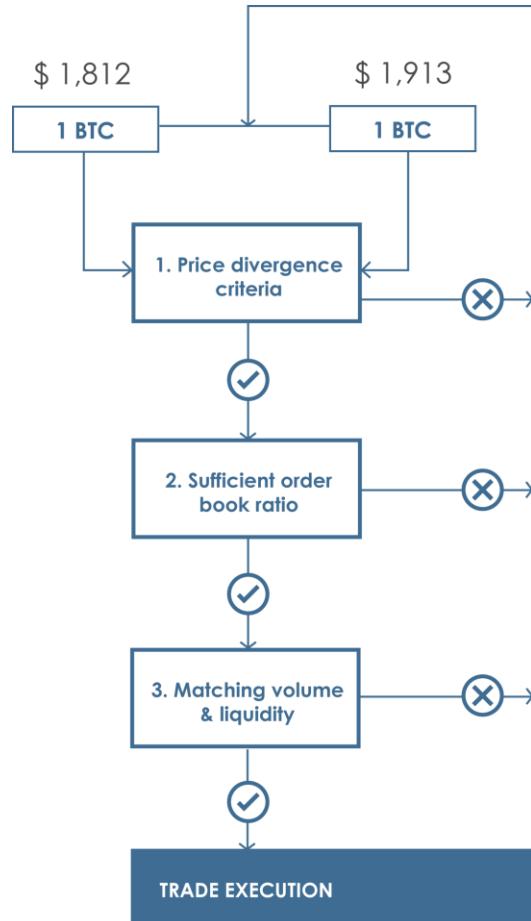


Figure 10. Arbitrage flow chart.



represented by a set of features. In the last step, we intend to use historical data to train the classifier and fine-tune the classification parameters.

## 2. Market Making

With the market making on less liquid markets, we provide liquidity, reduce average transaction time and earn a fraction of the cost of a traded currency. The market making algorithm is a modification of an arbitrage strategy and includes pushing orders out in contrast to only accepting the existing orders. The greatest potential to be exploited is in creating the market between gateways within the Ripple payment protocol. With the growing number of new gateways, there is an increasing demand for a designated market maker. We are well positioned to benefit from any upside trend in volume and number of transactions.

We intend to improve automated decision making process with the adoption of machine learning. The decision on exchanges that should be used for the bids and asks will be made by a classifier trained specifically for this purpose. The classifier will take into account the bid and asking prices for each exchange for the particular cryptocurrency, the depth of the order books, and changes of the volatility ratios. The classifier will be trained and tested using the historical data, and validated on the actual real-time data. The algorithm parameters will be adjusted to satisfy the predefined performance metrics (such as the net return, slippage ratio, execution time and others).

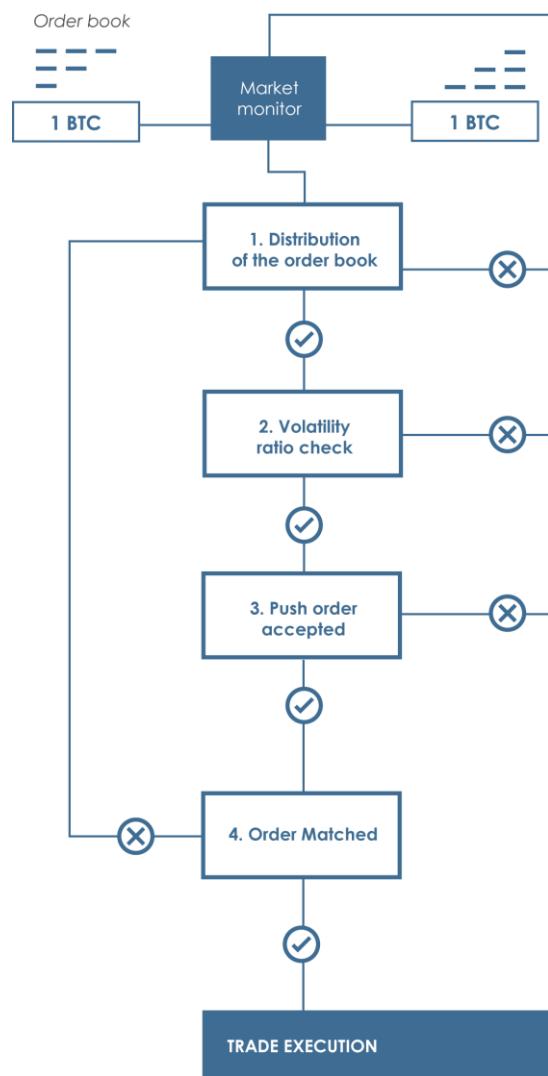


Figure 11. Market making flow chart.



### 3. AI Tradebot

(In development)

In finance, if you could monitor all Goldman Sachs' transactional accounts, you would have the competitive advantage of positioning yourself before the big market movements. In most cryptocurrencies, addresses and transactions are part of a publicly distributed ledger. While it is impossible to follow the accounts and movements manually, we are developing a proprietary self-learning algorithm that will be able to track & pool addresses into matching patterns. In the second step, the algorithm compares transaction flows against the historical data and forms the output of predefined pattern recognition. Focus is on the implementation potential at the three initial levels:

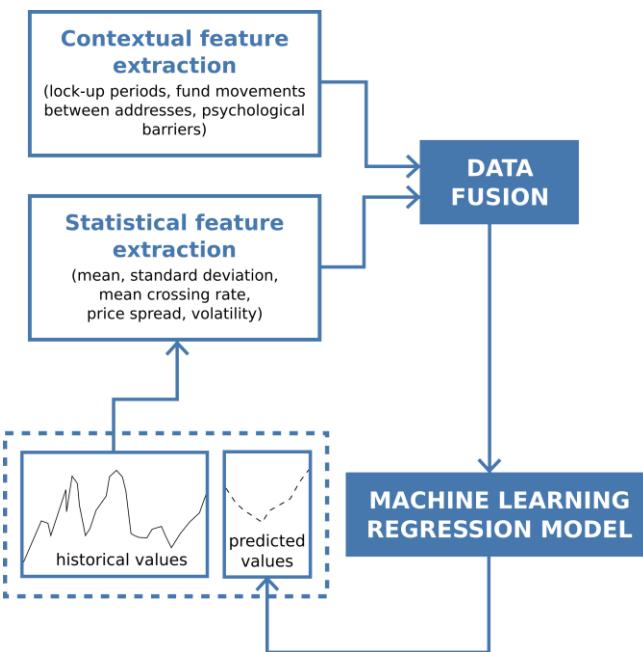


Figure 11. AI tradebot flow chart.

1. Monitoring of crowdsale raised funds within the lock up periods (tracking crowdsale addresses).
2. Recognition pattern for market manipulation schemes such as pump and dump (anomaly in the number of participating transactions from repetitive or connected addresses).
3. Unusual movements (outliers) in the known major institutional addresses. (Satoshi, Kraken etc.)

## Forecasting Price Movements

We use time series approach to monitor and evaluate general trends in selected cryptocurrencies. This helps us identify potential volatility and positioning opportunities on chosen cryptocurrency in the future.

The value of a cryptocurrency changes with time and, therefore, it can be considered a time series. Artificial intelligence, and especially machine learning methods, are proven to be of essential asset of finding repeating patterns, predicting the future course, and the trend of the time series. Machine learning methods usually use numerous hand-crafted features, some of them representing the expert knowledge and some of them are extracted using statistics of the time-series itself (mean, standard deviation, mean crossing rate). In this way, the machine learning model is able to analyze thousands and sometimes millions of feature vectors in order to learn some patterns and better forecast the future trends. In our approach, we will additionally include contextual information about the current value, which is not present in the time series data itself, but it is known and available for human experts. This contextual information includes lock up periods (for example, tracking crowdsale addresses), movements in the known major institutional addresses (Satoshi, Kraken, etc.),



approaching a psychological barriers with the value, the trend of other cryptocurrencies, amount and volume of trades, etc. With the previously described approach we will emulate the behaviour and thinking of an experienced trading person, which takes into account additional contextual information when making the analysis and the prediction of the cryptocurrency value.

Artificial intelligence has proven its power and advantage at recognizing general trends, in trading traditional stocks and other time-series analysis tasks. Inspired by this, we focus on creating an artificial intelligence tradebot that will be able to predict the course and the trend of particular cryptocurrency. In particular, we apply two types of predictive models. The first is a classification model, which predicts the direction of the change: whether it is going to be positive, negative or constant. The second algorithm is a forecasting model that will use the input of the first one, and will project the price of the cryptocurrency.

## WHY SUPPORT US?

*"For profit, diversification, and increased efficiency of crypto markets."*

- RIALTO.AI Team

Arbitrage and market making strategies are not sensitive to one direction price movements, like buy and hold strategies, and therefore enable you to profit in times of both bull (raising prices) and bear market (falling prices).

Every cryptocurrency investor is heavily exposed to any potential market corrections, downtrends, or bigger turmoil that could cause the instability of the prices and result in a loss of part, or all of the investor's crypto investments. For example, during the last week of May 2017, the total cryptocurrency market lost more than 30% in value over the course of 48 hours.

Through investment in arbitrage and market making, you can hedge your existing investments and secure your stream of profits in cases of market downturns or increased volatility. In fact, we embrace volatility as in times of swinging market prices the arbitrage spreads are higher and our profitability margins expands. Vice versa, arbitrage spreads are lower when the markets move in a narrow sideways frame.

This is why we recommend everyone to hedge their crypto investments and invest part of their portfolio to arbitrage and market making strategies, whether they do this manually by themselves, or they invest in the arbitrage Digital Asset Pool.

As a market maker we hold large volumes of assets on different gateways and can fulfil a large amount of orders in the financial markets, ensuring that blockchain users can fill crypto asset orders quickly and efficiently. By providing additional liquidity to the markets, we are reducing the average volatility and maintaining a fair and orderly market.

Our project is positioned to evolve into leading arbitrage fund in the field, with the team that has strong and proven background in the industry. We have a perfect market fit combination to follow and benefit from the growing need for connectivity of cryptocurrencies, digital assets, and blockchain transactions.



# HOW TO PARTICIPATE?

*"While we are making up our minds as to when we shall begin, the opportunity is lost."*

- Marcus Fabius Quintilianus

## CROWDSALE

July 15th 2017 - August 15th 2017 or until maximum cap is reached.

## ACCEPTED CURRENCIES

BTC, ETH, XRP

## TRANSACTION OF CURRENCIES

BTC, ETH, XRP can be sent to the list of addresses, which will be published on the RIALTO.AI website before the start of the crowdsale.

## ALLOCATION OF THE FUNDS:

The 75% of the total funds will represent the Digital Asset Pool of the RIALTO.AI.

The rest is reserved for software maintenance & development, IT security and compliance, licensing & regulation, outsourcing costs, legal expenses, and incorporation expenses.

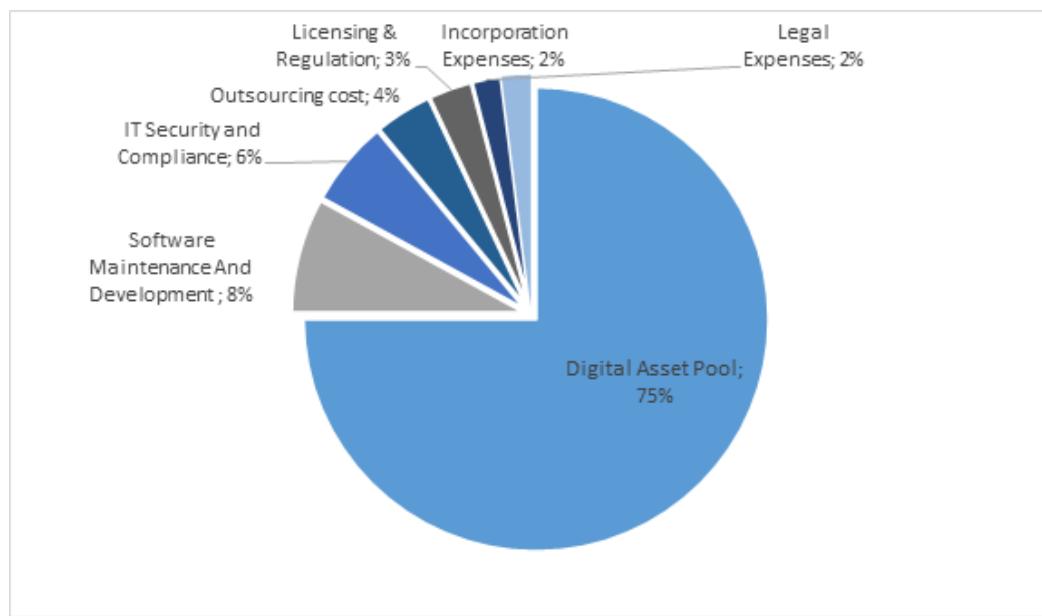


Figure 10. Allocation of funds gathered during crowdsale.

## TOKEN NAME: XRL

## WHAT DOES IT REPRESENT FOR A SUPPORTER?

XRL tokens represent a Proof of Membership in RIALTO.AI Digital Asset Pool. It grants ownership rights to RIALTO.AI proprietary software, data tools, algorithms, and other intellectual property. However, XRL token does not give a supporter any kind of share or equity in any of RIALTO.AI legal entities. Consequently, XRL does not qualify as a security. Legal nature of XRL token will be further described in "General Terms and Conditions."



## NET CREATED VALUE DISTRIBUTION

100% of additional net value created will be distributed through a buyback structure semi-annually. Eligible for distribution are all RIALTO.AI (XRL) token holders on a predetermined record date.

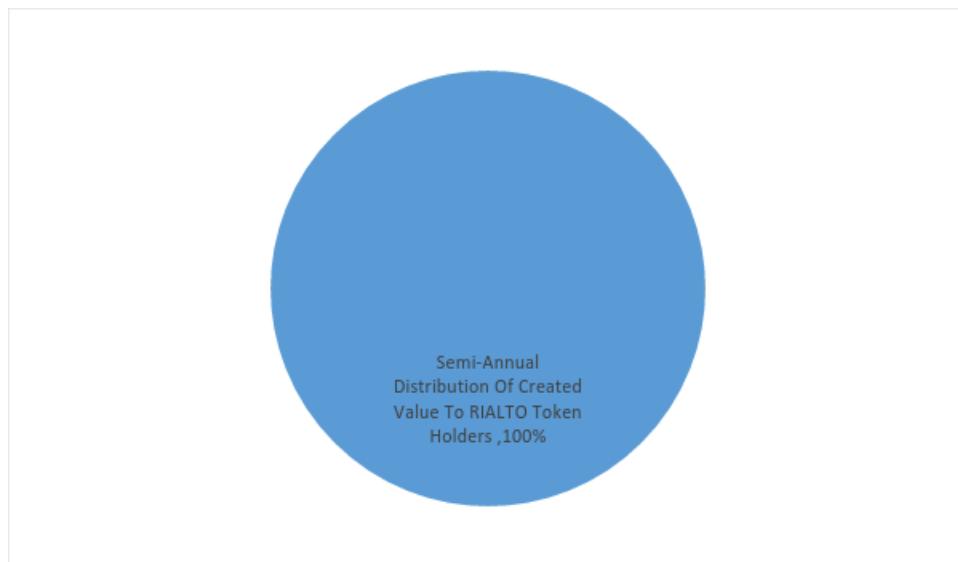


Figure 11. Semi-annual distribution of created value to token holders.

## WHERE CAN I STORE THE TOKEN?

RIALTO.AI will issue a list of supported wallets and recommendations about the ones that fulfil all up to date specifications.

### TOTAL SUPPLY:

100,000,000 tokens

Tokens not sold during the crowdsale will be burnt. No additional RIALTO.AI (XRL) tokens will ever be created.

### PRICE PER TOKEN:

1 XRL = 0.2 USD

### DISTRIBUTION OF TOKENS:

The 75% of total tokens will be distributed among the crowdsale supporters.

The 25% is reserved for the team, partners, and external advisors within a 180-day lock-up period to ensure long-term development of the project.

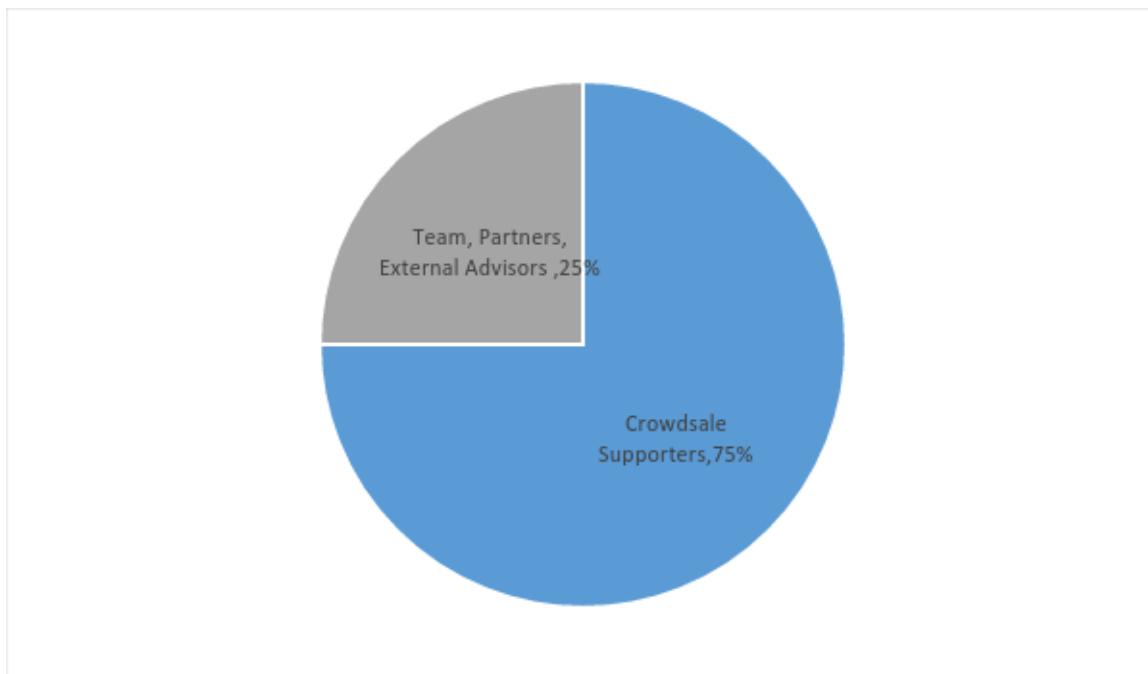


Figure 12. Distribution of RIALTO.AI ( XRL) tokens.

### HARD CAP

For optimal performance and maximization of fund's returns for all supporters, crowdsale is capped and available to a limited number of participants on a first come – first serve basis.

Crowdsale will finish on 15<sup>th</sup> of August or at the point where the total raised amount will reach the nominal value of \$10.0 million. After reaching hard cap, no further funds will be accepted.

### FLOOR

Floor is set to the nominal value of \$1.0 million. If floor will not be reached, the funds in full amount and it the same currency will be returned to the supporters after the end of the crowdsale.

### PROTECTING SUPPORTERS:

In order to put RIALTO.AI's early supporters in best possible position, RIALTO.AI will introduce several measures before, during and after the crowdsale:

- **Hard cap;**
- **Floor;**
- **Lock-up period** (team and external consultants vesting period);
- **Escrow account** (see under "Security").

### REWARDING OUR EARLY SUPPORTERS

Pre-crowdsale and crowdsale bonuses will be determined on a basis of the participation time and participating amount. Exact amount of bonuses will be released on RIALTO.AI webpage before pre-crowdsale starting period and will vary from 5-25%. Pre-crowdsale will be available for supporters with larger allocation and is limited to 40% of the hard cap. Pre-crowd supporters will represent a panel with members who understand the business model and will enable long-term development of the project through industry connections, business know-how, and global positioning.



# ROADMAP

*"Screw it let's do it."*

- Richard Branson

## Crowdsale Timeline



### June 1<sup>st</sup> Launch of the New Website

Start of the crowdsale campaign, invitation to supporters.



### June 1<sup>st</sup> – June 2<sup>nd</sup> Blockchain Expo Berlin

Our team participated at the event with more than 1500 industry experts from key blockchain industries.



### June 14<sup>th</sup> – June 15<sup>th</sup> Global Blockchain Conference in Chengdu

We were present at the GBCC as a proud sponsor of the event. Our live arbitrage dashboard was revealed for the first time.



### June 17<sup>th</sup> Whitepaper Release

Introducing the details of crowdfunding opportunities that RIALTO.AI as a cryptocurrency arbitrage and market maker presents.



### June 25<sup>th</sup> Team Members' Interviews

We have decided to give you an in depth presentation of our team, its background, experience, and individual overviews of our project.



### June 14<sup>th</sup> – July 14<sup>th</sup> Roadshow

Visiting globally established channels with a goal to be in touch with the community. You will have the opportunity to meet us in St. Petersburg, Ljubljana, and London.



### July 15<sup>th</sup> Crowdsale Starts

Beginning of the project funding. Pre-crowdsale allocations for whale supporters will close on the 14<sup>th</sup> of July. Pre-crowdsale funding is limited to 40% of the hard cap.



### August 15<sup>th</sup> Crowdsale Ends

Tokens will be distributed within 5 days after the crowdsale finishes. Report on the crowdsale is issued, the team will be available for Q&A.



## Operational Timeline

-  **September 15<sup>th</sup>** Digital Asset Pool Inception  
Incorporation of the RIALTO.AI, start of the operational and legal establishing processes.
-  **October 1<sup>st</sup>** Trading Kickstart  
Assets are allocated on selected gateways and exchanges that fulfil background criteria. Established trading algorithms will connect RIALTO.AI Digital Asset Pool. Weekly trading log will be streamed onto the RIALTO.AI website.
-  **December 31<sup>st</sup>** First Audited Report  
Report from the inception point and the first running period of two and a half months will be published in accordance with the compliance guidelines given by a third party. Designated auditor will be announced through press release until 15<sup>th</sup> of September.
-  **March 15<sup>th</sup>** First Distribution of Created Value  
100% of semi-annual net value created will be distributed through buybacks, proportionally to the RIALTO.AI (XRL) token holders.
-  **September 1<sup>st</sup>** Single Access Point  
Pilot project of connecting several most reliable exchanges into a single access point platform will be revealed. Test users will be able to transact through a directory of selected gateways.



## SECURITY

*"A watched pot never boils."*

- Someone's grandma

RIALTO.AI will follow uncompromising guidelines of internal and external compliance in order to influence industry practices and establish itself as the first representative institutional arbitrage and market maker in the blockchain industry.

All assets under RIALTO.AI ownership will be distributed among different multi signature wallets. Neither of the wallets or transactional accounts will have single point access. Access will be distributed and rotated in accordance with internal compliance factors. Neither of the wallets or transactional accounts will hold more than 10% of the total assets. Recover phrases and key access codes will be secured at the designated bank without single person access. This will be further clarified in the *"General terms and conditions."*

Security guidelines will include, but will not be limited to: performing internal compliance checks, monitoring of effectiveness, eliminating one-point access to the running algorithms and stored assets, performing a third party audit report, ensure the integrity of data sources, fulfil a background check for partner business entities, transparency of accounting figures, and disclosure of private holdings or other decision influencing factors.

RIALTO.AI will have an independent auditing process, which will be performed by a third party on a semi-annual basis. The report will cover:

- Stated balance in terms of assets at funds' inception
- Overview of placed, burned, and executed transactions,
- Statistical report on distribution of trades by cryptocurrency, exchange, and gateways
- Effectiveness of the Digital Asset Pool allocation and proposed optimization strategies
- Evaluation of compliance procedures and identified shortcomings
- Return on invested capital and risk ratio calculations

Third party auditing company will be revealed through press release before the inception of RIALTO.AI Digital Asset Pool on 15<sup>th</sup> September.

## Risk Exposure and Mitigating Factors

The arbitrage risk exposure that RIALTO.AI has is weighed mostly on the partial amount of funds that are stored at several exchanges in order to be well positioned for arbitrage. Those funds are potentially vulnerable for hacker attacks, denials of service, etc. To mitigate that risk, RIALTO.AI uses a dynamically balancing system of storing majority of funds in cold wallets and only transferring the optimal amount of needed capital for positions. The optimal balance is constantly recalculated using dynamic calibration, to signal the need before the spilling effect among exchanges. Furthermore, Rialto carefully selects only reliable exchanges that pass comprehensive background check (known owner, compliance, secure access points, audit, etc.). RIALTO.AI will on best effort basis ensure all other possible measures to limit all the possible risks.



## LONG TERM OUTLOOK

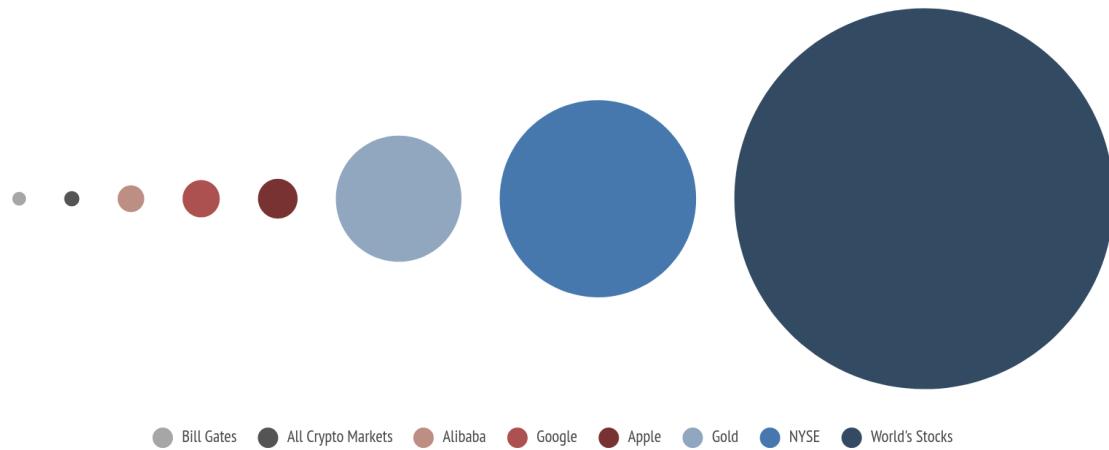
*"The people who are crazy enough to think they can change the world are the ones who do."*  
- Steve Jobs

We have a unique opportunity to fully exploit the advantages of being the first and the largest arbitrage and market making fund in the growing industry of blockchain transactions.

A successful establishment as the largest market maker will enable us the coverage of the largest number of exchanges and gateways in the blockchain transaction industry, which includes cryptocurrencies, digital assets and payment protocols.

In September 2018, the pilot project of connecting several most reliable exchanges into a single point access platform will be revealed. Goal of the project is to test the feasibility of optimal transactional structure, fees, and connectivity of the platform. Subscribed test users will be invited to join beta platform and transact through a directory of selected gateways.

A single point access gives you the ability to reach any cryptocurrency at any exchange in the world. RIALTO.AI will be looking into different ways to develop into a platform, where users will be able to buy or sell any crypto asset at the currently best price worldwide. The buyers and sellers will benefit from consolidated supply, transparency of prices, greater pool of available market orders, and most importantly from access simplicity. The long-term goal is to evolve into an entry single point for crypto transactions, as Google is for the search queries.



**Figure 13. Relative comparison of different company and market capitalizations.**

# Contacts

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**RIALTO AI**

Crypto arbitrage and market maker





## APPENDIX 1

### Table of Arbitrage Events

(12.6. - 17.6.)

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
BTC	Bitstamp	2493.25	Bitfinex	2496.7	0.138277939	3.45	0.55032117
BTC	Bitstamp	2450.03	Bitfinex	2452	0.080374865	1.97	0.52741714
BTC	Bitstamp	2449.75	Bitfinex	2453.6	0.157035496	3.85	0.54495357
BTC	Bitstamp	2457.55	Bitfinex	2461.651966	0.166773616	4.10196551	1.39815951
BTC	Bitstamp	2459.21	Bitfinex	2461.7	0.101200794	2.49	0.97811031
BTC	Bitstamp	2434.42	Bitfinex	2438	0.146949565	3.58	0.73224811
BTC	Bitstamp	2479.9	Bitfinex	2484.1	0.169218372	4.2	0.90124445
BTC	Bitstamp	2477.25	Bitfinex	2475	0.090867787	2.25	2.2622
BTC	Bitstamp	2449	Bitfinex	2451.4	0.097951188	2.4	1.710855
BTC	Bitstamp	2422.62	Bitfinex	2420	0.108205889	2.62	0.739
BTC	Bitstamp	2699.27	Bitfinex	2695	0.158316139	4.27	0.634383
BTC	Bitstamp	2707.5	Bitfinex	2711	0.129187044	3.5	1
BTC	Bitstamp	2710.72	Bitfinex	2713.9	0.117243235	3.18	0.80417828
BTC	Bitstamp	2710.19	Bitfinex	2713.9	0.13679714	3.71	0.656
BTC	Bitstamp	2224.43	Bitfinex	2220	0.199350648	4.43	1.456
BTC	Bitstamp	2223.66	Bitfinex	2222	0.074679575	1.66	0.90973909
BTC	Bitstamp	2360	Bitfinex	2363.9	0.165117805	3.9	0.83812471
BTC	Bitstamp	2395.99	Bitfinex	2392.8	0.133227809	3.19	0.57883342
BTC	Bitstamp	2336.59	Bitfinex	2339.3	0.115913762	2.71	1.28
BTC	Bitstamp	2455.96	Bitfinex	2451.9	0.165448892	4.06	0.55489203
BTC	Bitstamp	2441.31	Bitfinex	2445.1	0.15512411	3.79	0.75044072
BTC	Bitstamp	2358.7	Bitfinex	2362.2	0.148276812	3.5	2.10619333
BTC	Bitstamp	2224.6	Bitfinex	2229	0.197592959	4.4	1
BTC	Bitstamp	2225.02	Bitfinex	2227.3	0.102418514	2.28	0.56883803
BTC	Bitstamp	2155.02	Bitfinex	2151.6	0.15882525	3.42	2
BTC	Bitstamp	2171.47	Bitfinex	2175.5	0.185416509	4.03	0.89928888
BTC	Bitstamp	2310	Bitfinex	2312	0.086542622	2	0.54
BTC	Bitstamp	2430	Bitfinex	2431.8	0.074046649	1.8	1
BTC	Bitstamp	2443.29	Bitfinex	2439.7	0.147041055	3.59	0.65
BTC	Bitstamp	2457	Bitfinex	2453	0.16293279	4	0.5702
BTC	Bitstamp	2452.38	Bitfinex	2455	0.106777955	2.62	1.59178069
BTC	Bitstamp	2386.15	Bitfinex	2383.1	0.12790271	3.05	0.9841668
BTC	Bitstamp	2370.6	Bitfinex	2366.2	0.185779429	4.4	1.05969863
BTC	Bitstamp	2445.75	Bitfinex	2449.5	0.153209744	3.75	0.692
BTC	Bitstamp	2432.58	Bitfinex	2435.5	0.119965161	2.92	0.9214
BTC	Bitstamp	2431.01	Bitfinex	2434.8	0.155780846	3.79	0.696
BTC	Bitstamp	2504.29	Bitfinex	2508.2	0.156010286	3.91	0.9
BTC	Bitstamp	2497.25	Bitfinex	2500	0.110060533	2.75	2
BTC	Bitstamp	2504.31	Bitfinex	2500	0.172251519	4.31	1.40326388
BTC	Bitstamp	2502.88	Bitfinex	2506.473237	0.1434611	3.59323664	0.6574
BTC	Bitstamp	2483	Bitfinex	2479	0.161225312	4	0.59074177
BTC	Bitstamp	2423	Bitfinex	2427	0.164948454	4	0.938728
BTC	Bitstamp	2429.99	Bitfinex	2427	0.123121522	2.99	0.53599353
BTC	Bitstamp	2495.04	Bitfinex	2497.7	0.106554717	2.66	0.71819369
BTC	Bitstamp	2500.69	Bitfinex	2505	0.172204032	4.31	1
BTC	Bitstamp	2502	Bitfinex	2499	0.119976005	3	1.25463272
BTC	Bitstamp	2497.92	Bitfinex	2494.7	0.12899039	3.22	0.74608473
BTC	Bitstamp	2495.77	Bitfinex	2499	0.129335285	3.23	1
BTC	Bitstamp	2479.75	Bitfinex	2482	0.090693808	2.25	0.70141097

BTC	Bitstamp	2464.02 Bitfinex	2462.1	0.077951816	1.92	2
BTC	Bitstamp	2471.67 Bitfinex	2468	0.148592922	3.67	1.138
BTC	Bitstamp	2433.64 Bitfinex	2430.6	0.124993833	3.04	1.88
BTC	Bitstamp	2480.33 Bitfinex	2477.8	0.102054605	2.53	0.66008847
BTC	Bitstamp	2488 Bitfinex	2484.1	0.156875365	3.9	0.64832444
BTC	Bitstamp	2482.01 Bitfinex	2484.1	0.084170508	2.09	2
BTC	Bitstamp	2438.96 Bitfinex	2434.9	0.166603062	4.06	2
BTC	Bitstamp	2364.7 Bitfinex	2363.1	0.067684758	1.6	1.7219147
BTC	Bitstamp	2367.82 Bitfinex	2365	0.119167853	2.82	0.5213
BTC	Bitstamp	2352.35 Bitfinex	2354.9	0.108343513	2.55	1.414492
BTC	Bitstamp	2309.9 Bitfinex	2313.9	0.173017864	4	1.016
BTC	Bitstamp	2309.91 Bitfinex	2311.6	0.073136269	1.69	1.00095674
BTC	Bitstamp	2384.96 Bitfinex	2387	0.085499459	2.04	1.197975

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
BTC	Bitstamp	2570	Poloniex	2490	3.162055336	80	1.002
BTC	Bitstamp	2550	Poloniex	2466	3.349282296	83.99999999	0.88735607
BTC	Bitstamp	2550.01	Poloniex	2476	2.945079695	74.01	0.50688518
BTC	Bitstamp	2566.08	Poloniex	2475	3.613511392	91.08000003	1.54165462
BTC	Bitstamp	2566.09	Poloniex	2476	3.573518124	90.09	2
BTC	Bitstamp	2581.36	Poloniex	2479	4.045561976	102.36	0.82729746
BTC	Bitstamp	2588.12	Poloniex	2474.82083	4.475626871	113.2991701	0.81270134
BTC	Bitstamp	2580	Poloniex	2474.001	4.194656867	105.999	0.66655932
BTC	Bitstamp	2581	Poloniex	2471.428571	4.337376651	109.5714286	1.9678
BTC	Bitstamp	2556	Poloniex	2479.529	3.037257854	76.47100001	0.56516748
BTC	Bitstamp	2548.58	Poloniex	2490	2.325258307	58.58	0.63080218
BTC	Bitstamp	2544	Poloniex	2481.331103	2.494120102	62.66889663	0.6779764
BTC	Bitstamp	2552.18	Poloniex	2500.186667	2.058177356	51.99333334	0.91848145
BTC	Bitstamp	2545.18	Poloniex	2500.186667	1.783550585	44.99333334	0.68978018
BTC	Bitstamp	2545.21	Poloniex	2506.481367	1.533293727	38.72863342	1
BTC	Bitstamp	2555.15	Poloniex	2506.692054	1.914636814	48.45794572	2
BTC	Bitstamp	2554.76	Poloniex	2491.011018	2.526828186	63.74898215	2
BTC	Bitstamp	2587.85	Poloniex	2516.818582	2.782998213	71.03141771	1.002
BTC	Bitstamp	2580.74	Poloniex	2518	2.461000169	62.74	1.61661851
BTC	Bitstamp	2580	Poloniex	2518	2.432326403	62	1.9592035
BTC	Bitstamp	2572.14	Poloniex	2513.817326	2.293478702	58.32267403	1.24728999
BTC	Bitstamp	2567.19	Poloniex	2510	2.25282095	57.18999999	0.98876926
BTC	Bitstamp	2564.69	Poloniex	2511	2.115574435	53.69000001	0.70763762
BTC	Bitstamp	2562	Poloniex	2509	2.090317491	52.99999999	0.69450541
BTC	Bitstamp	2557	Poloniex	2506	2.01461584	51	1.312
BTC	Bitstamp	2555	Poloniex	2510.944957	1.739262601	44.05504301	0.58232918
BTC	Bitstamp	2556.73	Poloniex	2510.944957	1.806944739	45.78504302	0.74209795
BTC	Bitstamp	2601.99	Poloniex	2506	3.758425526	95.99	0.833329
BTC	Bitstamp	2618.12	Poloniex	2535	3.226006769	83.12	0.82764108
BTC	Bitstamp	2618.12	Poloniex	2535	3.226006769	83.12	1.18336356
BTC	Bitstamp	2618.83	Poloniex	2534.618826	3.268148249	84.21117378	1.43323473
BTC	Bitstamp	2630.5	Poloniex	2540	3.500628566	90.50000001	1.60246708
BTC	Bitstamp	2635	Poloniex	2540.149136	3.665628234	94.85086395	0.82516477
BTC	Bitstamp	2640.12	Poloniex	2534.22	4.093275664	105.9	0.98
BTC	Bitstamp	2642.37	Poloniex	2529.81646	4.352261518	112.5535405	1.5122358
BTC	Bitstamp	2630	Poloniex	2526	4.034134989	104	2.14457716
BTC	Bitstamp	2629.99	Poloniex	2526	4.033754915	103.99	1.13750756
BTC	Bitstamp	2565.8	Poloniex	2455	4.413639261	110.8	0.77916357
BTC	Bitstamp	2565.16	Poloniex	2454.231671	4.41999097	110.9283293	2.46367825
BTC	Bitstamp	2559.97	Poloniex	2461.534683	3.92055064	98.435317	0.57376015
BTC	Bitstamp	2540	Poloniex	2460.1	3.195936079	79.89999994	0.54621882
BTC	Bitstamp	2554.62	Poloniex	2466	3.530241285	88.62	1.15266095
BTC	Bitstamp	2556.83	Poloniex	2465	3.657232523	91.83	0.656
BTC	Bitstamp	2547.28	Poloniex	2462.108713	3.400466299	85.17128748	1.5
BTC	Bitstamp	2556.99	Poloniex	2462.108713	3.78080978	94.88128749	2
BTC	Bitstamp	2563.49	Poloniex	2469	3.755198719	94.49	0.656
BTC	Bitstamp	2576.04	Poloniex	2475	4.000760239	101.04	0.525
BTC	Bitstamp	2563.1	Poloniex	2456	4.267697396	107.1	0.52623499
BTC	Bitstamp	2562	Poloniex	2466	3.818615752	96.00000001	0.9999

BTC	Bitstamp	2566.07 Poloniex	2461.133598	4.174742457	104.9364015	1.94779944
BTC	Bitstamp	2526.98 Poloniex	2458	2.767513611	68.98	0.99426638
BTC	Bitstamp	2526.62 Poloniex	2465	2.46893794	61.62	0.989116
BTC	Bitstamp	2500 Poloniex	2458	1.694231545	42	0.87121522
BTC	Bitstamp	2504.89 Poloniex	2448	2.297244639	56.89	1.21786991
BTC	Bitstamp	2493.81 Poloniex	2440.851041	2.146407171	52.95895923	2.378
BTC	Bitstamp	2493.81 Poloniex	2449.308977	1.800524046	44.5010229	0.91083
BTC	Bitstamp	2540.09 Poloniex	2500	1.590844609	40.09000003	0.656
BTC	Bitstamp	2548.96 Poloniex	2490	2.34016543	58.95999997	0.65731
BTC	Bitstamp	2542.31 Poloniex	2496.450797	1.820257193	45.85920292	1
BTC	Bitstamp	2531.42 Poloniex	2491	1.609582627	40.4199999	1.312
BTC	Bitstamp	2528.45 Poloniex	2473	2.217356966	55.45	1.80826132
BTC	Bitstamp	2542.48 Poloniex	2479.440214	2.510584923	63.03978587	1.41577769
BTC	Bitstamp	2542 Poloniex	2470	2.873104549	72	2.44844546
BTC	Bitstamp	2548.67 Poloniex	2472	3.054174043	76.66999996	1.33546535
BTC	Bitstamp	2553.99 Poloniex	2485	2.738247152	68.99000007	0.61091566
BTC	Bitstamp	2544.55 Poloniex	2482	2.488784554	62.55	0.916919
BTC	Bitstamp	2544.7 Poloniex	2474.061093	2.814993816	70.63890719	0.9380473
BTC	Bitstamp	2559.99 Poloniex	2474.061093	3.413906835	85.92890717	1.09806086
BTC	Bitstamp	2565.73 Poloniex	2479	3.438439718	86.73	0.84489198
BTC	Bitstamp	2574.79 Poloniex	2480	3.750501999	94.79	0.62555457
BTC	Bitstamp	2570.11 Poloniex	2472	3.891624736	98.11	0.974
BTC	Bitstamp	2570 Poloniex	2470	3.968253968	100	0.84027846
BTC	Bitstamp	2569.16 Poloniex	2465	4.138128307	104.16	1.07710688
BTC	Bitstamp	2556 Poloniex	2456.974876	3.950752852	99.02512394	0.64784045
BTC	Bitstamp	2569.98 Poloniex	2456.974876	4.495967309	113.0051239	0.71437217
BTC	Bitstamp	2564.67 Poloniex	2456.98	4.289028507	107.69	1.45398362
BTC	Bitstamp	2560.13 Poloniex	2476.3999	3.324912258	83.7301	0.656
BTC	Bitstamp	2573.77 Poloniex	2478.2	3.783474566	95.57000001	0.81290893
BTC	Bitstamp	2581.99 Poloniex	2472	4.352600617	109.99	0.73458043
BTC	Bitstamp	2538.99 Poloniex	2484.058084	2.187194517	54.93191614	2
BTC	Bitstamp	2539 Poloniex	2480.913198	2.31425522	58.08680162	0.69468093
BTC	Bitstamp	2525.08 Poloniex	2475.982423	1.963485868	49.09757697	0.59124201
BTC	Bitstamp	2525.05 Poloniex	2474.231637	2.033026628	50.81836345	1.312
BTC	Bitstamp	2522.88 Poloniex	2470	2.11821634	52.88	0.656
BTC	Bitstamp	2522.78 Poloniex	2474.231637	1.943095874	48.54836346	0.52478746
BTC	Bitstamp	2527.8 Poloniex	2475	2.11081794	52.79999995	0.93730517
BTC	Bitstamp	2526.36 Poloniex	2474.231637	2.084887839	52.12836346	2
BTC	Bitstamp	2522.79 Poloniex	2469.876505	2.119648689	52.91349507	0.656
BTC	Bitstamp	2520 Poloniex	2471	1.963534361	48.99999998	0.52132285
BTC	Bitstamp	2520 Poloniex	2473.941377	1.844580037	46.05862285	1.32538169
BTC	Bitstamp	2538 Poloniex	2468	2.796644027	69.99999999	0.65182381
BTC	Bitstamp	2533.61 Poloniex	2470	2.542564269	63.61	0.75
BTC	Bitstamp	2543.14 Poloniex	2468	2.998918405	75.13999988	0.54231757
BTC	Bitstamp	2545.6 Poloniex	2468	3.095580018	77.59999989	0.5106629
BTC	Bitstamp	2535 Poloniex	2468	2.678392949	66.99999963	0.64123088
BTC	Bitstamp	2535.01 Poloniex	2468	2.678787355	67.00999963	1
BTC	Bitstamp	2544.99 Poloniex	2470	2.990634079	74.99	0.55734993
BTC	Bitstamp	2541.31 Poloniex	2475	2.643776003	66.31	0.60665479
BTC	Bitstamp	2538.05 Poloniex	2484	2.152507443	54.05000001	0.549

BTC	Bitstamp	2544.94 Poloniex	2490.1245	2.177350459	54.8155	1.17598843
BTC	Bitstamp	2538 Poloniex	2490.1245	1.904308455	47.8755	0.92684196
BTC	Bitstamp	2539.4 Poloniex	2490	1.96444904	49.4	0.656
BTC	Bitstamp	2538.66 Poloniex	2470	2.74165146	68.66	0.5688699
BTC	Bitstamp	2521.64 Poloniex	2470	2.069059467	51.64	1.91704286
BTC	Bitstamp	2521.64 Poloniex	2470	2.069059467	51.64	1.09011194
BTC	Bitstamp	2520.01 Poloniex	2470	2.00440408	50.00999999	0.74511222
BTC	Bitstamp	2446.94 Poloniex	2485.496565	1.563388189	38.55656535	1.21688279
BTC	Bitstamp	2437.36 Poloniex	2486.8	2.008058227	49.43999999	0.90998988
BTC	Bitstamp	2449.97 Poloniex	2502.721	2.130195483	52.75099999	0.692
BTC	Bitstamp	2441.01 Poloniex	2510	2.786906106	68.98999999	1.5
BTC	Bitstamp	2439.84 Poloniex	2512	2.914472196	72.16	0.692
BTC	Bitstamp	2418 Poloniex	2511.7	3.801448364	93.69999999	1.10091515
BTC	Bitstamp	2415 Poloniex	2511.7	3.925548541	96.69999999	0.902
BTC	Bitstamp	2410 Poloniex	2510	4.06504065	100	0.78922351
BTC	Bitstamp	2418.77 Poloniex	2524.69	4.285257693	105.92	1.44747789
BTC	Bitstamp	2444.3 Poloniex	2513.732053	2.800790819	69.43205327	1.01736284
BTC	Bitstamp	2437.64 Poloniex	2509.827602	2.918163719	72.1876023	1.1550088
BTC	Bitstamp	2463.96 Poloniex	2509	1.811396034	45.0400001	0.97572464
BTC	Bitstamp	2463.83 Poloniex	2510.05907	1.858870177	46.22907029	0.95742183
BTC	Bitstamp	2454.39 Poloniex	2515.728579	2.468294407	61.33857946	1
BTC	Bitstamp	2454.45 Poloniex	2515.728579	2.46585021	61.27857946	0.692
BTC	Bitstamp	2454.38 Poloniex	2513.750989	2.390073404	59.37098872	0.55420724
BTC	Bitstamp	2454 Poloniex	2515.728579	2.48418313	61.72857949	1.2543856
BTC	Bitstamp	2437.36 Poloniex	2517.505673	3.235029099	80.14567318	0.51265493
BTC	Bitstamp	2467.07 Poloniex	2506.296224	1.577451666	39.22622419	1.134
BTC	Bitstamp	2461 Poloniex	2502.366119	1.666857443	41.36611879	1
BTC	Bitstamp	2460 Poloniex	2500	1.612903226	40	0.75653758
BTC	Bitstamp	2459.99 Poloniex	2500	1.613309704	40.01	0.804362
BTC	Bitstamp	2459.99 Poloniex	2500	1.613309704	40.01	0.56525087
BTC	Bitstamp	2445 Poloniex	2496.47358	2.083329157	51.47357995	0.79178069
BTC	Bitstamp	2444.85 Poloniex	2494.70705	2.018685065	49.85705022	1.22827938
BTC	Bitstamp	2439.99 Poloniex	2488	1.948461746	48.01	1.12
BTC	Bitstamp	2432.88 Poloniex	2475	1.716423386	42.12000004	1.28057876
BTC	Bitstamp	2425.16 Poloniex	2487.91	2.554410989	62.75	0.50003407
BTC	Bitstamp	2440.2 Poloniex	2489.99999	2.020201619	49.79999	0.692
BTC	Bitstamp	2437.4 Poloniex	2488	2.054655459	50.6	1.52855091
BTC	Bitstamp	2428.01 Poloniex	2498.453359	2.859794291	70.44335895	0.79131003
BTC	Bitstamp	2400 Poloniex	2505.231	4.290562463	105.231	1
BTC	Bitstamp	2400 Poloniex	2504.125999	4.246465086	104.1259992	1
BTC	Bitstamp	2400 Poloniex	2500	4.081632653	100	1.4898923
BTC	Bitstamp	2396.74 Poloniex	2499.76671	4.208171925	103.0267104	1.345
BTC	Bitstamp	2391 Poloniex	2485	3.85561936	94	0.54715305
BTC	Bitstamp	2384.98 Poloniex	2487	4.188030329	102.02	1.04521621
BTC	Bitstamp	2398.7 Poloniex	2488.37	3.66968347	89.66999999	0.60154172
BTC	Bitstamp	2387.13 Poloniex	2489.862701	4.212952849	102.7327015	0.666
BTC	Bitstamp	2406.04 Poloniex	2474.163565	2.791832907	68.12356453	0.87644914
BTC	Bitstamp	2401.05 Poloniex	2470.551693	2.853340526	69.50169267	0.78229097
BTC	Bitstamp	2386.62 Poloniex	2467.097943	3.316135959	80.47794302	0.72821619
BTC	Bitstamp	2380 Poloniex	2465.026024	3.509827349	85.02602423	0.6474497

BTC	Bitstamp	2371.02 Poloniex	2467.615904	3.992691555	96.59590355	0.61052732
BTC	Bitstamp	2381.82 Poloniex	2465	3.432353585	83.18000002	0.68630657
BTC	Bitstamp	2360 Poloniex	2464	4.311774462	104	1.33314379
BTC	Bitstamp	2358.67 Poloniex	2464	4.368119735	105.33	1.7797
BTC	Bitstamp	2352.67 Poloniex	2450	4.053162095	97.33	1.49092926
BTC	Bitstamp	2370.67 Poloniex	2478.975107	4.466516829	108.3051074	1.966
BTC	Bitstamp	2388.99 Poloniex	2465	3.131856473	76.01	0.78884674
BTC	Bitstamp	2399.13 Poloniex	2465.322134	2.72146305	66.19213369	0.71
BTC	Bitstamp	2717.25 Poloniex	2673.555583	1.621071892	43.69441702	0.76426072
BTC	Bitstamp	2717.98 Poloniex	2673.75582	1.640443118	44.22417959	0.550407
BTC	Bitstamp	2707.06 Poloniex	2639	2.546174192	68.06	0.55497697
BTC	Bitstamp	2711.36 Poloniex	2636	2.818587115	75.35999998	0.561074
BTC	Bitstamp	2719.98 Poloniex	2633.747951	3.221383302	86.23204912	0.88485013
BTC	Bitstamp	2715.47 Poloniex	2640.089611	2.815033152	75.38038925	0.62379953
BTC	Bitstamp	2713.11 Poloniex	2644	2.580122491	69.10999999	0.67582162
BTC	Bitstamp	2708 Poloniex	2642	2.46728972	66	0.59873752
BTC	Bitstamp	2713.81 Poloniex	2633.682	2.996844128	80.12799999	0.6337625
BTC	Bitstamp	2713.94 Poloniex	2631	3.103496017	82.94	0.59362572
BTC	Bitstamp	2698.89 Poloniex	2623	2.85199431	75.89	1.0854308
BTC	Bitstamp	2699.1 Poloniex	2620.381126	2.959644825	78.71887393	0.656
BTC	Bitstamp	2701 Poloniex	2617.127193	3.154223422	83.87280678	1.31126486
BTC	Bitstamp	2706 Poloniex	2620.99991	3.191293094	85.00009012	0.99006792
BTC	Bitstamp	2699 Poloniex	2616.001	3.123197907	82.999	1.37464516
BTC	Bitstamp	2733.66 Poloniex	2650	3.107922863	83.66	0.53211085
BTC	Bitstamp	2734.99 Poloniex	2650	3.156551823	84.99	1.99149796
BTC	Bitstamp	2726.07 Poloniex	2650	2.82994827	76.06999998	0.99287451
BTC	Bitstamp	2723.1 Poloniex	2651	2.683239984	72.1	1.00827711
BTC	Bitstamp	2725 Poloniex	2647	2.903946389	78	1.41605443
BTC	Bitstamp	2723 Poloniex	2638	3.171050177	85	0.68628817
BTC	Bitstamp	2757.28 Poloniex	2664.184091	3.434345686	93.09590905	0.51722916
BTC	Bitstamp	2756.91 Poloniex	2659	3.61564354	97.91000001	0.90450465
BTC	Bitstamp	2750.07 Poloniex	2653.916704	3.558605932	96.15329571	1.453
BTC	Bitstamp	2760.45 Poloniex	2663.274354	3.583354892	97.17564599	0.99064362
BTC	Bitstamp	2755.32 Poloniex	2653.2	3.776264113	102.1199999	0.833
BTC	Bitstamp	2743.87 Poloniex	2663.283463	2.98073793	80.5865371	1.13182554
BTC	Bitstamp	2733.56 Poloniex	2658.786953	2.77330251	74.77304671	0.656
BTC	Bitstamp	2741.49 Poloniex	2666	2.792053245	75.49	0.65260846
BTC	Bitstamp	2752.82 Poloniex	2664.130233	3.27452768	88.68976739	1.13936119
BTC	Bitstamp	2751.62 Poloniex	2666.055082	3.158731981	85.56491772	0.95357337
BTC	Bitstamp	2736.59 Poloniex	2670.782261	2.434000677	65.80773872	1
BTC	Bitstamp	2761.86 Poloniex	2658.753911	3.804221822	103.1060886	0.98214191
BTC	Bitstamp	2763.19 Poloniex	2649.416017	4.204037125	113.7739832	0.82934953
BTC	Bitstamp	2439.61 Poloniex	2550	4.424794723	110.39	0.57154307
BTC	Bitstamp	2440 Poloniex	2544	4.173354735	104	1
BTC	Bitstamp	2445 Poloniex	2550	4.204204205	105	1.02258455
BTC	Bitstamp	2443.72 Poloniex	2549.99	4.256154242	106.27	1
BTC	Bitstamp	2444.19 Poloniex	2551	4.276514005	106.81	0.692
BTC	Bitstamp	2488 Poloniex	2560	2.852614897	72	0.53633726
BTC	Bitstamp	2480.06 Poloniex	2560	3.172184458	79.94	1
BTC	Bitstamp	2370 Poloniex	2471.970928	4.211959516	101.9709276	0.71421783

BTC	Bitstamp	2328.54 Poloniex	2406.27561	3.283574982	77.73561041	1.384
BTC	Bitstamp	2440.04 Poloniex	2387.1	2.193431307	52.94	1.1148258
BTC	Bitstamp	2422.51 Poloniex	2383	1.644362409	39.50999999	1.678
BTC	Bitstamp	2420 Poloniex	2379.196525	1.700429436	40.80347519	1.712
BTC	Bitstamp	2435.15 Poloniex	2391.768364	1.797487856	43.38163572	1.002
BTC	Bitstamp	2455.55 Poloniex	2380	3.12477381	75.54999998	1
BTC	Bitstamp	2454.65 Poloniex	2391.743611	2.596008259	62.90638919	0.56736529
BTC	Bitstamp	2345.82 Poloniex	2398.039535	2.201563275	52.21953467	2
BTC	Bitstamp	2316.02 Poloniex	2410.9998	4.018591164	94.97979999	0.73851388
BTC	Bitstamp	2344.15 Poloniex	2400	2.354478674	55.85	0.51040982
BTC	Bitstamp	2360 Poloniex	2400	1.680672269	40	0.76508074
BTC	Bitstamp	2356.58 Poloniex	2403.7	1.979715479	47.12	1.29695531
BTC	Bitstamp	2430.05 Poloniex	2393	1.536372213	37.05	0.50753925
BTC	Bitstamp	2429.42 Poloniex	2385.358401	1.830264897	44.06159946	0.84499456
BTC	Bitstamp	2444.83 Poloniex	2390	2.268125249	54.82999998	0.97331224
BTC	Bitstamp	2459.75 Poloniex	2398	2.542329267	61.74999999	1
BTC	Bitstamp	2467.17 Poloniex	2400	2.760125494	67.17	0.68522346
BTC	Bitstamp	2465 Poloniex	2400.011768	2.671657744	64.98823182	0.73000037
BTC	Bitstamp	2456 Poloniex	2415	1.68343256	41	0.58561005
BTC	Bitstamp	2460.15 Poloniex	2409.5	2.080231639	50.65	1.05513193
BTC	Bitstamp	2465.44 Poloniex	2410	2.274256269	55.43999991	0.54868028
BTC	Bitstamp	2457.85 Poloniex	2410	1.965960327	47.8499999	0.72961769
BTC	Bitstamp	2457.29 Poloniex	2399.78	2.368094345	57.51	1
BTC	Bitstamp	2449 Poloniex	2406	1.771369722	43	1.712
BTC	Bitstamp	2360 Poloniex	2401	1.722327242	41	0.83513026
BTC	Bitstamp	2352.03 Poloniex	2400	2.018926648	47.97	0.9454932
BTC	Bitstamp	2352.04 Poloniex	2400	2.018501528	47.96	0.71984512
BTC	Bitstamp	2300 Poloniex	2395.129751	4.052273554	95.1297506	0.692
BTC	Bitstamp	2281.38 Poloniex	2378	4.147332908	96.62000003	1.47
BTC	Bitstamp	2310 Poloniex	2372.358134	2.663535421	62.35813372	0.87049885
BTC	Bitstamp	2336.74 Poloniex	2383	1.960277473	46.26	1
BTC	Bitstamp	2351.02 Poloniex	2387	1.518777886	35.98	0.74954332
BTC	Bitstamp	2413.78 Poloniex	2359	2.295517497	54.78	1.002
BTC	Bitstamp	2444.82 Poloniex	2351	3.912573865	93.81999997	0.64955391
BTC	Bitstamp	2436.44 Poloniex	2335	4.251965864	101.44	1.27
BTC	Bitstamp	2432.02 Poloniex	2335	4.070467504	97.02	1.672655
BTC	Bitstamp	2399 Poloniex	2331	2.875264271	68	1.07824829
BTC	Bitstamp	2390 Poloniex	2326.222596	2.704596851	63.77740391	1.78138534
BTC	Bitstamp	2289.91 Poloniex	2335	1.94987578	45.08999996	1.2239
BTC	Bitstamp	2292.73 Poloniex	2335	1.826813578	42.27	0.98234419
BTC	Bitstamp	2299.95 Poloniex	2335	1.512421925	35.05000001	0.692
BTC	Bitstamp	2391 Poloniex	2342	2.07056835	49	0.692
BTC	Bitstamp	2443 Poloniex	2347.168071	4.001192766	95.83192916	0.70562333
BTC	Bitstamp	2417.16 Poloniex	2350	2.817610485	67.16000001	1.25912965
BTC	Bitstamp	2397.61 Poloniex	2310	3.722058539	87.61	0.69542565
BTC	Bitstamp	2395.72 Poloniex	2316.504778	3.3621156	79.21522219	0.57552495
BTC	Bitstamp	2354.04 Poloniex	2304	2.148543164	50.03999999	0.71250953
BTC	Bitstamp	2239.99 Poloniex	2340	4.367258444	100.01	0.63502448
BTC	Bitstamp	2243.24 Poloniex	2341	4.265047205	97.76	1.16266179
BTC	Bitstamp	2269.01 Poloniex	2341.767259	3.15596505	72.75725941	1.96884

BTC	Bitstamp	2284.97 Poloniex	2346.783761	2.66912986	61.81376134	0.55203788
BTC	Bitstamp	2272.68 Poloniex	2374.9	4.398848432	102.22	0.82365182
BTC	Bitstamp	2278.93 Poloniex	2369.005633	3.875941516	90.07563342	1.79257018
BTC	Bitstamp	2278.93 Poloniex	2370	3.917890783	91.07	1.37973282
BTC	Bitstamp	2283.55 Poloniex	2367.9	3.626826043	84.35	0.9122124
BTC	Bitstamp	2306 Poloniex	2385.981011	3.409264053	79.981011	0.59606313
BTC	Bitstamp	2312 Poloniex	2382.279851	2.994276165	70.27985136	0.79696535
BTC	Bitstamp	2299.25 Poloniex	2381.279851	3.505152363	82.02985135	0.61195047
BTC	Bitstamp	2304.76 Poloniex	2377.611016	3.11171479	72.85101572	0.71728888
BTC	Bitstamp	2300.62 Poloniex	2381.279851	3.445603447	80.65985133	0.65638492
BTC	Bitstamp	2288.94 Poloniex	2387.858425	4.230176977	98.91842513	1.02258262
BTC	Bitstamp	2300 Poloniex	2369.465188	2.97529523	69.4651875	0.65948403
BTC	Bitstamp	2318.87 Poloniex	2370.933	2.220263836	52.063	0.80353645
BTC	Bitstamp	2306.21 Poloniex	2367	2.601637846	60.79	0.55473236
BTC	Bitstamp	2306.21 Poloniex	2370	2.728277815	63.79	0.55167607
BTC	Bitstamp	2310.24 Poloniex	2370	2.553715194	59.75999999	0.51084458
BTC	Bitstamp	2268.72 Poloniex	2355.393598	3.748765946	86.67359793	0.84707565
BTC	Bitstamp	2253.39 Poloniex	2353.695949	4.354420545	100.3059485	0.947
BTC	Bitstamp	2278.04 Poloniex	2354	3.279764423	75.96	1.37136709
BTC	Bitstamp	2278.04 Poloniex	2354	3.279764423	75.96	0.72496801
BTC	Bitstamp	2300 Poloniex	2362.682177	2.688674644	62.68217671	0.8601
BTC	Bitstamp	2299.37 Poloniex	2363.372356	2.745266675	64.00235601	0.5113
BTC	Bitstamp	2300 Poloniex	2368.285714	2.925515637	68.28571428	1.05561587
BTC	Bitstamp	2306 Poloniex	2361	2.356974502	55	1.56
BTC	Bitstamp	2306.01 Poloniex	2361	2.356540912	54.99	0.63624903
BTC	Bitstamp	2315.96 Poloniex	2362.559048	1.992042673	46.59904796	1.5
BTC	Bitstamp	2322 Poloniex	2370.12561	2.051335096	48.12560969	1.226603
BTC	Bitstamp	2300.4 Poloniex	2378	3.317373461	77.6	1.152
BTC	Bitstamp	2319 Poloniex	2375	2.386024712	56	0.68423027
BTC	Bitstamp	2279.99 Poloniex	2363.507212	3.597168625	83.51721242	0.63814639
BTC	Bitstamp	2410 Poloniex	2373	1.547146143	37	1
BTC	Bitstamp	2464 Poloniex	2388	3.132728771	75.99999998	1.0049096
BTC	Bitstamp	2460.3 Poloniex	2390	2.898789766	70.30000001	0.7100424
BTC	Bitstamp	2441.28 Poloniex	2390	2.122832872	51.28	1.5266304
BTC	Bitstamp	2447.58 Poloniex	2386.02	2.547169812	61.56000001	1.08330805
BTC	Bitstamp	2457.19 Poloniex	2385.6216	2.955654928	71.56839986	0.99157433
BTC	Bitstamp	2450 Poloniex	2379.610049	2.914933113	70.38995127	0.76196
BTC	Bitstamp	2450.01 Poloniex	2383.903876	2.735097288	66.10612367	2
BTC	Bitstamp	2461.2 Poloniex	2386.042294	3.10105008	75.15770553	2
BTC	Bitstamp	2461.2 Poloniex	2388.059377	3.016568811	73.14062297	1.83962321
BTC	Bitstamp	2464.96 Poloniex	2379.603186	3.52381881	85.3568144	2
BTC	Bitstamp	2453.69 Poloniex	2390	2.629813223	63.69000004	0.53675201
BTC	Bitstamp	2467.97 Poloniex	2383.881811	3.46623071	84.08818875	0.92644432
BTC	Bitstamp	2464.31 Poloniex	2381.607927	3.413267596	82.70207317	0.90418513
BTC	Bitstamp	2481.41 Poloniex	2383.761136	4.014200562	97.64886354	1.637
BTC	Bitstamp	2455.59 Poloniex	2361	3.927674973	94.58999998	0.68623428
BTC	Bitstamp	2452 Poloniex	2375	3.190387404	77	0.59551601
BTC	Bitstamp	2452 Poloniex	2372.480604	3.296495604	79.51939551	0.64573444
BTC	Bitstamp	2450 Poloniex	2374.923281	3.112037816	75.07671855	0.62
BTC	Bitstamp	2444.44 Poloniex	2375	2.8816626	69.44	0.90579861

BTC	Bitstamp	2438 Poloniex	2365.699675	3.010193398	72.30032524	0.71424948
BTC	Bitstamp	2430 Poloniex	2365	2.711157455	64.99999999	0.87564912
BTC	Bitstamp	2430.25 Poloniex	2365	2.721443095	65.25	1.39273477
BTC	Bitstamp	2422.01 Poloniex	2365	2.381862582	57.01	1.53523
BTC	Bitstamp	2427.97 Poloniex	2365	2.627598337	62.97	1
BTC	Bitstamp	2426.88 Poloniex	2365	2.582702405	61.88000001	0.9478
BTC	Bitstamp	2426.91 Poloniex	2365	2.583938347	61.91000001	0.67735
BTC	Bitstamp	2428.32 Poloniex	2372	2.346510233	56.32	0.8016
BTC	Bitstamp	2426.14 Poloniex	2380	1.920043944	46.14	1
BTC	Bitstamp	2485.52 Poloniex	2388.021508	4.001135203	97.49849245	0.55678819
BTC	Bitstamp	2502.99 Poloniex	2398	4.284440491	104.99	0.68075434
BTC	Bitstamp	2499 Poloniex	2400	4.041641151	99	0.8679614
BTC	Bitstamp	2494.05 Poloniex	2400	3.843442546	94.04999995	0.75312047
BTC	Bitstamp	2508.74 Poloniex	2399.99	4.430881307	108.75	0.58112997
BTC	Bitstamp	2466.83 Poloniex	2392	3.08016539	74.83	0.84669
BTC	Bitstamp	2429.99 Poloniex	2325.981011	4.37382771	104.008989	0.63146554
BTC	Bitstamp	2435.98 Poloniex	2330	4.447353954	105.98	0.84225584
BTC	Bitstamp	2619.68 Poloniex	2669.642502	1.889183425	49.962502	0.5437501
BTC	Bitstamp	2596.57 Poloniex	2689.12264	3.502006138	92.55264035	1.312
BTC	Bitstamp	2593.65 Poloniex	2679.945081	3.272723047	86.29508081	0.61098326
BTC	Bitstamp	2593 Poloniex	2685.359877	3.499567273	92.35987742	0.68221618
BTC	Bitstamp	2575.38 Poloniex	2683.534464	4.113185909	108.1544644	0.56899386
BTC	Bitstamp	2570.52 Poloniex	2683.485624	4.300171414	112.965624	0.62967958
BTC	Bitstamp	2575 Poloniex	2691.207878	4.413341855	116.2078782	0.63546423
BTC	Bitstamp	2571.51 Poloniex	2677.700414	4.045957591	106.1904136	0.50592
BTC	Bitstamp	2553.91 Poloniex	2661	4.10706993	107.0900003	0.62006217
BTC	Bitstamp	2565.79 Poloniex	2674	4.130318199	108.21	0.58217682
BTC	Bitstamp	2570 Poloniex	2680.89	4.223664938	110.8899999	1.29220834
BTC	Bitstamp	2567 Poloniex	2680.89	4.340411093	113.8899999	1
BTC	Bitstamp	2568.39 Poloniex	2677	4.141160143	108.61	0.67719409
BTC	Bitstamp	2569.98 Poloniex	2679	4.153949911	109.02	1.312
BTC	Bitstamp	2583 Poloniex	2676.633031	3.560439703	93.63303135	0.64332298
BTC	Bitstamp	2592 Poloniex	2676	3.189066057	83.99999995	0.60718252
BTC	Bitstamp	2579.98 Poloniex	2666	3.279463513	86.02	0.53404506
BTC	Bitstamp	2585.45 Poloniex	2674.817932	3.397847138	89.36793169	0.65378332
BTC	Bitstamp	2570.41 Poloniex	2673.612	3.935986539	103.202	0.61072405
BTC	Bitstamp	2560.27 Poloniex	2676.615019	4.443290957	116.3450192	0.656
BTC	Bitstamp	2560.3 Poloniex	2672.284776	4.280285186	111.9847755	0.812
BTC	Bitstamp	2780 Poloniex	2672.979431	3.925214464	107.0205687	0.72352598
BTC	Bitstamp	2785.38 Poloniex	2667.866605	4.309850744	117.5133947	0.50229531
BTC	Bitstamp	2781.01 Poloniex	2669.113131	4.106214351	111.8968691	0.7350863
BTC	Bitstamp	2762.96 Poloniex	2671.99999	3.34721912	90.96000998	0.67091115
BTC	Bitstamp	2761.08 Poloniex	2670.623441	3.330688412	90.45655854	1.99334037
BTC	Bitstamp	2762.01 Poloniex	2670.623441	3.364355778	91.38655854	0.70867952
BTC	Bitstamp	2750 Poloniex	2680.608411	2.555573283	69.39158884	0.92631909
BTC	Bitstamp	2743.58 Poloniex	2685.951387	2.122784043	57.62861296	0.54439632
BTC	Bitstamp	2732 Poloniex	2689.949695	1.551113818	42.05030546	1.34
BTC	Bitstamp	2727 Poloniex	2680.330129	1.726170593	46.66987127	0.69492831
BTC	Bitstamp	2751 Poloniex	2693.628712	2.107445377	57.37128805	0.54387762
BTC	Bitstamp	2742.21 Poloniex	2697.31806	1.650582171	44.89194016	2

BTC	Bitstamp	2751.22 Poloniex	2700	1.87921236	51.22	1.77
BTC	Bitstamp	2751 Poloniex	2706.918497	1.615322867	44.08150277	1.37657557
BTC	Bitstamp	2751.01 Poloniex	2706.918497	1.615686347	44.09150277	0.67548921
BTC	Bitstamp	2760.77 Poloniex	2710	1.856045858	50.77	0.57002501
BTC	Bitstamp	2761.85 Poloniex	2710	1.89515429	51.85	0.6907749
BTC	Bitstamp	2763.3 Poloniex	2712.549831	1.853599723	50.75016866	1
BTC	Bitstamp	2772.5 Poloniex	2711.89	2.210273158	60.61000003	0.51689457
BTC	Bitstamp	2767 Poloniex	2708.793752	2.125947431	58.20624829	0.57991551
BTC	Bitstamp	2800 Poloniex	2714.566026	3.098484027	85.43397374	0.708
BTC	Bitstamp	2800 Poloniex	2718.369105	2.958515218	81.63089489	1.65810761
BTC	Bitstamp	2800 Poloniex	2718.369105	2.958515218	81.63089489	1.1385526
BTC	Bitstamp	2800 Poloniex	2720	2.898550725	80.00000001	0.69268505
BTC	Bitstamp	2754.5 Poloniex	2712.601809	1.532738634	41.89819079	0.74021858
BTC	Bitstamp	2663.21 Poloniex	2707.13535	1.635848232	43.92534972	0.656
BTC	Bitstamp	2650 Poloniex	2707.13535	2.133056046	57.13534973	0.56043513
BTC	Bitstamp	2645.01 Poloniex	2705.527332	2.262102979	60.51733219	2.031
BTC	Bitstamp	2615.56 Poloniex	2697.912997	3.0997804	82.35299726	0.656
BTC	Bitstamp	2612 Poloniex	2698.816134	3.26940837	86.8161336	1.01763421
BTC	Bitstamp	2497.09 Poloniex	2394.881255	4.178632287	102.2087452	1.68368035
BTC	Bitstamp	2480 Poloniex	2423.993837	2.284104123	56.00616271	0.56329321
BTC	Bitstamp	2478.3 Poloniex	2416.418649	2.528494727	61.88135146	0.979
BTC	Bitstamp	2477.79 Poloniex	2416.418649	2.50791725	61.37135147	0.53717451
BTC	Bitstamp	2450 Poloniex	2390	2.479338843	60	1.91736973
BTC	Bitstamp	2416.34 Poloniex	2350	2.783687274	66.34	1
BTC	Bitstamp	2415 Poloniex	2349.503104	2.74936944	65.49689616	1.13901053
BTC	Bitstamp	2415 Poloniex	2345.507437	2.919544369	69.4925634	1.77
BTC	Bitstamp	2419.99 Poloniex	2330	3.789060607	89.98999996	0.83
BTC	Bitstamp	2372 Poloniex	2282	3.867640739	90	0.84029128
BTC	Bitstamp	2368 Poloniex	2277	3.918191604	91	0.70603859
BTC	Bitstamp	2392.97 Poloniex	2300	3.962096498	92.97	2
BTC	Bitstamp	2379.99 Poloniex	2334.7665	1.918381151	45.22350001	0.85740192
BTC	Bitstamp	2389.84 Poloniex	2332	2.449892414	57.83999999	0.93437218
BTC	Bitstamp	2398.47 Poloniex	2323	3.196885716	75.47	0.91332498
BTC	Bitstamp	2398.49 Poloniex	2321.341118	3.269137377	77.1488816	0.86660883
BTC	Bitstamp	2400 Poloniex	2322.929508	3.263673193	77.07049213	1.85356723
BTC	Bitstamp	2408.08 Poloniex	2328.001338	3.381642178	80.07866206	0.80054805
BTC	Bitstamp	2404.99 Poloniex	2340	2.739310304	64.99	0.80464568
BTC	Bitstamp	2406.19 Poloniex	2327.001337	3.346100225	79.188663	0.51690656
BTC	Bitstamp	2400 Poloniex	2312	3.735144312	87.99999999	1.82967854
BTC	Bitstamp	2383.68 Poloniex	2311	3.096270669	72.67999992	1.03908971
BTC	Bitstamp	2383.37 Poloniex	2325	2.47941432	58.37000002	0.86880356
BTC	Bitstamp	2395 Poloniex	2321	3.138252761	74.0000001	0.91897286
BTC	Bitstamp	2394.14 Poloniex	2313	3.447528648	81.13999999	1.978272
BTC	Bitstamp	2394.35 Poloniex	2313	3.456297067	81.35	1.24569376
BTC	Bitstamp	2388.36 Poloniex	2314	3.162667256	74.36	0.62
BTC	Bitstamp	2388.45 Poloniex	2314	3.166434517	74.44999998	0.95134678
BTC	Bitstamp	2389.94 Poloniex	2327.001337	2.668621825	62.938663	1.66
BTC	Bitstamp	2419.52 Poloniex	2345	3.128122034	74.51999997	0.66377729
BTC	Bitstamp	2423 Poloniex	2342	3.399790136	80.99999999	1.55461285
BTC	Bitstamp	2410.29 Poloniex	2350	2.533038955	60.29000004	0.75

BTC	Bitstamp	2432.74 Poloniex	2343	3.758161038	89.73999997	0.52678963
BTC	Bitstamp	2365 Poloniex	2326.884726	1.624731904	38.11527401	2.0331024
BTC	Bitstamp	2329.26 Poloniex	2377.049661	2.030876176	47.78966083	1.584
BTC	Bitstamp	2326.97 Poloniex	2373	1.958735906	46.02999999	0.777777
BTC	Bitstamp	2359.03 Poloniex	2425.329229	2.7714988	66.29922931	1.78898988
BTC	Bitstamp	2418.57 Poloniex	2360	2.451360972	58.57	0.91
BTC	Bitstamp	2420.85 Poloniex	2348.481224	3.034755731	72.36877632	0.63728527
BTC	Bitstamp	2275.56 Poloniex	2350	3.218637311	74.44	0.822972
BTC	Bitstamp	2282.78 Poloniex	2343.087642	2.607408908	60.30764249	0.74685358
BTC	Bitstamp	2282.79 Poloniex	2345.507437	2.710173122	62.71743657	0.500998
BTC	Bitstamp	2249.01 Poloniex	2338.022887	3.881066017	89.01288729	0.63916022
BTC	Bitstamp	2225.02 Poloniex	2280	2.440832672	54.98000001	0.92912574
BTC	Bitstamp	2232.04 Poloniex	2266.254208	1.521208091	34.21420772	1.5
BTC	Bitstamp	2403.33 Poloniex	2444.087777	1.681628391	40.75777678	1.31788928
BTC	Bitstamp	2395.43 Poloniex	2442.811558	1.958627224	47.38155817	0.50906911
BTC	Bitstamp	2422 Poloniex	2382.965505	1.624756513	39.034495	0.544872
BTC	Bitstamp	2350 Poloniex	2411	2.562486873	61	0.742
BTC	Bitstamp	2370.41 Poloniex	2414.858	1.857701596	44.448	1
BTC	Bitstamp	2353.36 Poloniex	2410.5	2.398895015	57.14000003	0.696
BTC	Bitstamp	2332.89 Poloniex	2269	2.776685232	63.89	1
BTC	Bitstamp	2337.02 Poloniex	2259	3.395111422	78.02	0.90388834
BTC	Bitstamp	2328.01 Poloniex	2253	3.274823674	75.01	0.63642614
BTC	Bitstamp	2325 Poloniex	2251	3.234265734	74	0.79142407
BTC	Bitstamp	2329.5 Poloniex	2250	3.471994759	79.5	0.90234814
BTC	Bitstamp	2329.5 Poloniex	2250.5	3.44978166	79.00000002	1.05483174
BTC	Bitstamp	2369.84 Poloniex	2330	1.695376864	39.84	1.11814677
BTC	Bitstamp	2323.05 Poloniex	2246	3.372692354	77.05	0.782583
BTC	Bitstamp	2381 Poloniex	2300	3.460798975	81	1.651
BTC	Bitstamp	2370.17 Poloniex	2300	3.005029795	70.17	1.29698608
BTC	Bitstamp	2396.01 Poloniex	2295.2914	4.293844774	100.7186	1.08831561
BTC	Bitstamp	2300.01 Poloniex	2355	2.362615763	54.99000001	0.59554414
BTC	Bitstamp	2338.92 Poloniex	2379.979	1.740194057	41.05899998	0.61499359
BTC	Bitstamp	2339.2 Poloniex	2379	1.687084057	39.79999999	2
BTC	Bitstamp	2413.24 Poloniex	2367.331969	1.920608301	45.90803104	0.56168699
BTC	Bitstamp	2341 Poloniex	2384	1.820105819	42.99999998	0.81065419
BTC	Bitstamp	2457.2 Poloniex	2414.253551	1.763188278	42.94644899	0.65574222
BTC	Bitstamp	2410.85 Poloniex	2365.678179	1.891408142	45.17182144	0.721244
BTC	Bitstamp	2422.77 Poloniex	2365.349092	2.398474529	57.42090842	0.95261128
BTC	Bitstamp	2440 Poloniex	2367.458097	3.017890196	72.5419033	0.9131
BTC	Bitstamp	2421.99 Poloniex	2332	3.785872499	89.99	1.77
BTC	Bitstamp	2351.57 Poloniex	2269	3.574017923	82.56999997	1.04860387
BTC	Bitstamp	2320.01 Poloniex	2240.918	3.468241551	79.092	0.6034767
BTC	Bitstamp	2339.99 Poloniex	2237.516333	4.477270366	102.4736673	1.38833728
BTC	Bitstamp	2328.25 Poloniex	2230.556314	4.285932722	97.69368577	1.99585455
BTC	Bitstamp	2299 Poloniex	2234	2.867857931	65	0.87607353
BTC	Bitstamp	2175.41 Poloniex	2270	4.255625466	94.59000002	0.80303834
BTC	Bitstamp	2320.23 Poloniex	2250	3.073368299	70.23	0.91507991
BTC	Bitstamp	2311.03 Poloniex	2260.99	2.1889668	50.03999995	1.5
BTC	Bitstamp	2340 Poloniex	2269	3.080928625	71.00000017	0.64316475
BTC	Bitstamp	2343.5 Poloniex	2269	3.230352311	74.50000017	1.67440431

BTC	Bitstamp	2340 Poloniex	2273.981011	2.861693138	66.018989	1.18416738
BTC	Bitstamp	2320 Poloniex	2280.981011	1.696116066	39.01898906	0.53111018
BTC	Bitstamp	2352.88 Poloniex	2291.320906	2.651009077	61.55909378	1.5
BTC	Bitstamp	2360 Poloniex	2289.306069	3.041053008	70.69393103	1.18348218
BTC	Bitstamp	2340.64 Poloniex	2260	3.505599221	80.64	0.99812256
BTC	Bitstamp	2340.97 Poloniex	2260	3.519692587	80.97	0.80793673
BTC	Bitstamp	2339.63 Poloniex	2260	3.462452415	79.63	0.83913744
BTC	Bitstamp	2160 Poloniex	2219	2.694679151	59.00000001	1.40877903
BTC	Bitstamp	2170 Poloniex	2240	3.174603175	70	0.57935576
BTC	Bitstamp	2154.77 Poloniex	2226	3.251939729	71.23000004	1.72081215
BTC	Bitstamp	2185 Poloniex	2126	2.737183953	59.00000001	0.76185
BTC	Bitstamp	2156.79 Poloniex	2123.098822	1.574395012	33.69117806	0.55228605
BTC	Bitstamp	2170 Poloniex	2109.278139	2.837948799	60.72186128	0.66263606
BTC	Bitstamp	2156.78 Poloniex	2109.278139	2.226967366	47.50186128	1.11410315
BTC	Bitstamp	2171.99 Poloniex	2123.098822	2.276608475	48.89117806	0.75693457
BTC	Bitstamp	2169.41 Poloniex	2120	2.303813345	49.41	1.43780311
BTC	Bitstamp	2231 Poloniex	2173	2.633969119	57.99999999	1.43320317
BTC	Bitstamp	2226.17 Poloniex	2178.797999	2.150844269	47.37200088	1.18035205
BTC	Bitstamp	2217.47 Poloniex	2178.693762	1.764094316	38.77623753	1.05787488
BTC	Bitstamp	2222 Poloniex	2180	1.908223535	42	0.77544095
BTC	Bitstamp	2250 Poloniex	2163	3.942895987	86.99999996	1.1310224
BTC	Bitstamp	2235.99 Poloniex	2185	2.306723155	50.99	1.358034
BTC	Bitstamp	2158.76 Poloniex	2240	3.693768244	81.24	1.23023954
BTC	Bitstamp	2165.52 Poloniex	2235	3.157808622	69.47999999	0.8877683
BTC	Bitstamp	2162 Poloniex	2225	2.87212218	63.00000001	1.5
BTC	Bitstamp	2134.98 Poloniex	2179	2.040806861	44.0199999	0.58186227
BTC	Bitstamp	2121.1 Poloniex	2190	3.196399991	68.9	2
BTC	Bitstamp	2161.31 Poloniex	2198.1099	1.688293436	36.7999	0.66051
BTC	Bitstamp	2169.59 Poloniex	2207	1.709550127	37.40999995	0.56369323
BTC	Bitstamp	2290 Poloniex	2245	1.984564498	45	0.52540457
BTC	Bitstamp	2299.88 Poloniex	2260	1.749168838	39.88	1.2016195
BTC	Bitstamp	2332.65 Poloniex	2275	2.502360206	57.65000001	1.5045854
BTC	Bitstamp	2331.68 Poloniex	2275	2.460774354	56.68000001	0.692
BTC	Bitstamp	2350 Poloniex	2277	3.155392263	73	0.79086686
BTC	Bitstamp	2360 Poloniex	2279.395772	3.474772676	80.6042283	2
BTC	Bitstamp	2298.62 Poloniex	2233	2.896094553	65.62	0.82648186
BTC	Bitstamp	2294.94 Poloniex	2234.596522	2.664443824	60.34347806	1.46754877
BTC	Bitstamp	2188 Poloniex	2148.11	1.839897973	39.89	0.62137306
BTC	Bitstamp	2197.49 Poloniex	2147	2.324323453	50.49	0.96437005
BTC	Bitstamp	2219.96 Poloniex	2159	2.784222738	60.96000001	0.56872244
BTC	Bitstamp	2237 Poloniex	2170.110101	3.035544721	66.88989902	0.9459
BTC	Bitstamp	2255.04 Poloniex	2179	3.429829231	76.04000001	0.72569157
BTC	Bitstamp	2241.18 Poloniex	2150	4.152870071	91.18	2.30903157
BTC	Bitstamp	2234.95 Poloniex	2141	4.293924747	93.94999999	1.5
BTC	Bitstamp	2230 Poloniex	2145	3.885714288	85.00000005	1.08536525
BTC	Bitstamp	2215.71 Poloniex	2140	3.476356323	75.71	2
BTC	Bitstamp	2219.94 Poloniex	2133.110101	3.989382018	86.82989899	0.58788337
BTC	Bitstamp	2170.99 Poloniex	2119.418966	2.404014858	51.57103449	0.61982811
BTC	Bitstamp	2171.48 Poloniex	2119.418966	2.426579368	52.06103449	0.52740345
BTC	Bitstamp	2174.24 Poloniex	2119.418966	2.55358122	54.82103449	0.51717956

BTC	Bitstamp	2180.63 Poloniex	2120	2.819586898	60.63	1.9370488
BTC	Bitstamp	2180.76 Poloniex	2119.418966	2.852952632	61.34103449	2.11509015
BTC	Bitstamp	2200 Poloniex	2119.418966	3.731105278	80.58103449	0.81429721
BTC	Bitstamp	2200.1 Poloniex	2129	3.284747407	71.1	1.55902128
BTC	Bitstamp	2200.93 Poloniex	2129.98	3.276447675	70.95000001	1.537
BTC	Bitstamp	2200 Poloniex	2110	4.176334107	90	0.83341675
BTC	Bitstamp	2200.01 Poloniex	2105	4.413927029	95.01	2
BTC	Bitstamp	2195.2 Poloniex	2109.278139	3.992208045	85.92186128	0.81829577
BTC	Bitstamp	2210.02 Poloniex	2120	4.157948462	90.02	0.6521029
BTC	Bitstamp	2289.42 Poloniex	2196.388581	4.147810463	93.03141885	0.8895987
BTC	Bitstamp	2441.34 Poloniex	2345	4.025622919	96.34	2.42153441
BTC	Bitstamp	2417.05 Poloniex	2350	2.813060488	67.05	0.927755
BTC	Bitstamp	2439.49 Poloniex	2337.5	4.270052899	101.99	0.72568108
BTC	Bitstamp	2434.97 Poloniex	2366.362797	2.85783993	68.60720292	0.55256811
BTC	Bitstamp	2430.61 Poloniex	2366	2.693985961	64.61	0.61121321
BTC	Bitstamp	2426.98 Poloniex	2358	2.883188644	68.97999998	0.503
BTC	Bitstamp	2427 Poloniex	2355	3.011292346	72	0.59318
BTC	Bitstamp	2411.46 Poloniex	2332.3	3.33743697	79.16	1.1
BTC	Bitstamp	2411.7 Poloniex	2334.571089	3.250084505	77.12891062	1.002
BTC	Bitstamp	2419 Poloniex	2323.697461	4.018917064	95.30253877	1.3751778
BTC	Bitstamp	2400 Poloniex	2333.157929	2.82441752	66.84207089	1.5
BTC	Bitstamp	2403.03 Poloniex	2332.978897	2.95823357	70.05110253	2
BTC	Bitstamp	2436 Poloniex	2339.9	4.02437237	96.1	1
BTC	Bitstamp	2435 Poloniex	2340.246675	3.968520624	94.75332458	1.0379838
BTC	Bitstamp	2425.69 Poloniex	2326.807431	4.161288671	98.8825686	0.58833148
BTC	Bitstamp	2404 Poloniex	2319.864074	3.562165391	84.13592558	0.94493381
BTC	Bitstamp	2409.99 Poloniex	2318.88352	3.853200118	91.10648002	0.68491985
BTC	Bitstamp	2420.87 Poloniex	2318.71397	4.310759376	102.1560302	0.78585038
BTC	Bitstamp	2374.01 Poloniex	2294.425006	3.409493503	79.58499412	0.5984663
BTC	Bitstamp	2380.97 Poloniex	2310	3.025813425	70.97	0.692
BTC	Bitstamp	2364 Poloniex	2305.542238	2.503789832	58.45776189	0.62285716
BTC	Bitstamp	2357.47 Poloniex	2309.337461	2.062760879	48.1325393	1.22519338
BTC	Bitstamp	2363.71 Poloniex	2314.895339	2.086718483	48.81466117	0.88803567
BTC	Bitstamp	2389.03 Poloniex	2318.613783	2.991569454	70.41621672	2
BTC	Bitstamp	2400 Poloniex	2325	3.174603175	75	0.78832183
BTC	Bitstamp	2404.99 Poloniex	2327.796243	3.262085093	77.19375726	0.9859897
BTC	Bitstamp	2390.01 Poloniex	2330	2.542791223	60.01	1.48652096
BTC	Bitstamp	2380 Poloniex	2333.415953	1.976657601	46.58404735	1.09657164
BTC	Bitstamp	2393.37 Poloniex	2342.78271	2.136218695	50.58728982	0.75098248
BTC	Bitstamp	2392.05 Poloniex	2354.125313	1.598115742	37.9246874	0.56813451
BTC	Bitstamp	2389.99 Poloniex	2354	1.51728819	35.99	1.67445809
BTC	Bitstamp	2395 Poloniex	2359	1.514514093	36	1.2868188
BTC	Bitstamp	2400 Poloniex	2349.051218	2.145640452	50.948782	1.239
BTC	Bitstamp	2404.96 Poloniex	2365.789908	1.642093713	39.17009214	0.52227247
BTC	Bitstamp	2404.95 Poloniex	2365.844486	1.639371147	39.10551414	1
BTC	Bitstamp	2405.45 Poloniex	2368	1.569095727	37.45	0.86846947
BTC	Bitstamp	2336.44 Poloniex	2376.622595	1.705158565	40.18259526	2
BTC	Bitstamp	2341.17 Poloniex	2377.622595	1.544996714	36.45259526	0.84022325
BTC	Bitstamp	2351.86 Poloniex	2388	1.524939555	36.14	1
BTC	Bitstamp	2349.84 Poloniex	2388.687529	1.639645593	38.8475289	1.22826354

BTC	Bitstamp	2346.07 Poloniex	2390	1.855124608	43.93	1
BTC	Bitstamp	2338.22 Poloniex	2385.7	2.010194927	47.48000009	0.57087937
BTC	Bitstamp	2333.53 Poloniex	2395.864748	2.636056054	62.3347483	0.978
BTC	Bitstamp	2346.44 Poloniex	2414.981011	2.879014933	68.54101097	1.595
BTC	Bitstamp	2360 Poloniex	2410	2.096436059	50	0.52229937
BTC	Bitstamp	2314 Poloniex	2413.57	4.212312033	99.57	0.66458261
BTC	Bitstamp	2297.77 Poloniex	2399.879998	4.347279943	102.1099981	0.68263669
BTC	Bitstamp	2297.77 Poloniex	2394.397965	4.118691643	96.62796492	1.2939477
BTC	Bitstamp	2291.76 Poloniex	2396.288602	4.459365118	104.528602	0.65605891
BTC	Bitstamp	2310 Poloniex	2395	3.613177472	85.00000003	2
BTC	Bitstamp	2321 Poloniex	2395	3.138252757	74	0.6669194
BTC	Bitstamp	2324.22 Poloniex	2391.991132	2.873965146	67.77113208	0.50217603
BTC	Bitstamp	2324 Poloniex	2391.991132	2.883429174	67.99113207	0.50217603
BTC	Bitstamp	2299.82 Poloniex	2400.218658	4.272248174	100.3986579	0.86861507
BTC	Bitstamp	2250.19 Poloniex	2316.851977	2.919262712	66.66197673	0.9828273
BTC	Bitstamp	2244.01 Poloniex	2312.976293	3.026837871	68.96629346	0.50318687
BTC	Bitstamp	2225.1 Poloniex	2314.968019	3.958884274	89.86801943	2
BTC	Bitstamp	2228.41 Poloniex	2316.557118	3.878889139	88.14711795	1.04167506
BTC	Bitstamp	2232.12 Poloniex	2331.70831	4.364244374	99.58831014	0.5808406
BTC	Bitstamp	2233 Poloniex	2333.37	4.396052006	100.37	0.57391991
BTC	Bitstamp	2277 Poloniex	2327.779073	2.205494443	50.77907328	1.45880933
BTC	Bitstamp	2277.08 Poloniex	2327.906413	2.207451171	50.82641325	1
BTC	Bitstamp	2275.44 Poloniex	2325.825526	2.190072544	50.38552648	1.3914964
BTC	Bitstamp	2266.36 Poloniex	2331.648701	2.839868527	65.28870098	1
BTC	Bitstamp	2285.74 Poloniex	2343.474808	2.494367211	57.73480815	0.63235529
BTC	Bitstamp	2290 Poloniex	2357	2.883580805	67	0.56280556
BTC	Bitstamp	2314.96 Poloniex	2369.159658	2.314187608	54.19965833	2
BTC	Bitstamp	2325 Poloniex	2365.609972	1.731543321	40.60997185	0.66865
BTC	Bitstamp	2325.5 Poloniex	2366.6012	1.751931519	41.10119992	0.60673727
BTC	Bitstamp	2320.01 Poloniex	2357.972265	1.623018771	37.96226513	0.61841
BTC	Bitstamp	2415.5 Poloniex	2369.211332	1.93485728	46.28866777	1.63505
BTC	Bitstamp	2419.99 Poloniex	2350.13229	2.928969336	69.85770958	0.55724602
BTC	Bitstamp	2420.23 Poloniex	2352	2.859459833	68.23	1.15279109
BTC	Bitstamp	2330.01 Poloniex	2423.329753	3.926492029	93.31975327	1.11083026
BTC	Bitstamp	2330 Poloniex	2423.329753	3.926921041	93.32975311	0.63653616
BTC	Bitstamp	2328.8 Poloniex	2413.54502	3.573971084	84.74501986	0.89583918
BTC	Bitstamp	2325.23 Poloniex	2411.686477	3.650327254	86.45647658	0.56077219
BTC	Bitstamp	2333.59 Poloniex	2415.606637	3.453916255	82.01663733	0.74948355
BTC	Bitstamp	2345 Poloniex	2417.400227	3.040493178	72.400227	0.70499257
BTC	Bitstamp	2386.04 Poloniex	2428	1.743234373	41.96	0.73561755
BTC	Bitstamp	2342.26 Poloniex	2448.410114	4.431535124	106.1501144	0.96535338
BTC	Bitstamp	2354.01 Poloniex	2446.596821	3.857296571	92.58682116	1.34083125
BTC	Bitstamp	2333.53 Poloniex	2436.428248	4.314429721	102.8982482	1.384
BTC	Bitstamp	2366 Poloniex	2436.245861	2.925542055	70.24586113	0.95470413
BTC	Bitstamp	2440 Poloniex	2397	1.777961546	43	0.57863454
BTC	Bitstamp	2491.63 Poloniex	2402	3.663129415	89.62999999	1
BTC	Bitstamp	2473.41 Poloniex	2398.243903	3.085855375	75.1660969	0.663022
BTC	Bitstamp	2312.7 Poloniex	2366.154162	2.284925333	53.45416202	0.76277278
BTC	Bitstamp	2453.83 Poloniex	2354.347299	4.138062928	99.48270116	1.49428486
BTC	Bitstamp	2450 Poloniex	2360	3.742203742	90	1.752

BTC	Bitstamp	2436.32 Poloniex	2342.396978	3.930888646	93.92302157	0.59216012
BTC	Bitstamp	2425 Poloniex	2344	3.396938562	81	0.54775
BTC	Bitstamp	2307 Poloniex	2358.75	2.218292881	51.75000005	0.91101697
BTC	Bitstamp	2301.05 Poloniex	2342.499417	1.785247174	41.44941738	0.75457069
BTC	Bitstamp	2305.81 Poloniex	2344	1.642647764	38.19	0.692
BTC	Bitstamp	2299.01 Poloniex	2339.042819	1.726276962	40.03281865	0.97593312
BTC	Bitstamp	2448.01 Poloniex	2367	3.364894362	81.01	1.27127634
BTC	Bitstamp	2460 Poloniex	2367.269911	3.841926833	92.730089	0.8273778
BTC	Bitstamp	2428.81 Poloniex	2348	3.383429526	80.80999996	0.91237326
BTC	Bitstamp	2422.92 Poloniex	2350.246643	3.045079396	72.673357	0.89516509
BTC	Bitstamp	2422.42 Poloniex	2346.802539	3.171060289	75.61746101	0.72899209
BTC	Bitstamp	2406 Poloniex	2345.246644	2.557364865	60.75335617	1.66833916
BTC	Bitstamp	2401.46 Poloniex	2354	1.996021415	47.46	1
BTC	Bitstamp	2413.01 Poloniex	2367.777182	1.892274901	45.23281796	0.550927
BTC	Bitstamp	2455.63 Poloniex	2385	2.918215191	70.63	0.50461739
BTC	Bitstamp	2340.01 Poloniex	2389	2.071892426	48.99	1.26121306
BTC	Bitstamp	2342.56 Poloniex	2389	1.962988951	46.44	0.88221525
BTC	Bitstamp	2336.83 Poloniex	2389	2.207866131	52.17	0.92755999
BTC	Bitstamp	2313.91 Poloniex	2387	3.10961069	73.08999994	0.97067223
BTC	Bitstamp	2413.01 Poloniex	2370.979131	1.757147337	42.0308688	1
BTC	Bitstamp	2439.75 Poloniex	2375	2.689651591	64.75	0.692
BTC	Bitstamp	2432.46 Poloniex	2372.598739	2.491593293	59.86126064	0.5567025
BTC	Bitstamp	2407.96 Poloniex	2366	1.757869776	41.95999999	0.983
BTC	Bitstamp	2300 Poloniex	2374.410655	3.183744886	74.4106551	0.95685173
BTC	Bitstamp	2308.32 Poloniex	2354.179631	1.967169299	45.85963066	0.67811532
BTC	Bitstamp	2300 Poloniex	2348.01	2.065830323	48.01	1.07153939
BTC	Bitstamp	2298.27 Poloniex	2350	2.22577432	51.73	0.98463983
BTC	Bitstamp	2305 Poloniex	2347.5	1.826974745	42.5	0.8849
BTC	Bitstamp	2296.02 Poloniex	2332	1.554876599	35.98	0.95890255
BTC	Bitstamp	2293.75 Poloniex	2331	1.610897886	37.25	0.51379751
BTC	Bitstamp	2301.16 Poloniex	2351.478685	2.163017091	50.31868496	0.57390332
BTC	Bitstamp	2305.06 Poloniex	2390.862368	3.654335009	85.80236753	1.01266887
BTC	Bitstamp	2340.03 Poloniex	2444.320873	4.35966656	104.2908725	0.979
BTC	Bitstamp	2340.06 Poloniex	2444.133804	4.350735295	104.0738042	0.55559609
BTC	Bitstamp	2327.1 Poloniex	2428.525161	4.265481738	101.4251614	1.38385841
BTC	Bitstamp	2347.98 Poloniex	2449	4.211816601	101.02	0.63620385
BTC	Bitstamp	2349.91 Poloniex	2435.802356	3.589532758	85.89235636	1.01799034
BTC	Bitstamp	2323.31 Poloniex	2428.617769	4.432212527	105.3077689	0.50354986
BTC	Bitstamp	2362.21 Poloniex	2469.585097	4.444521956	107.375097	1.42788104
BTC	Bitstamp	2348 Poloniex	2448.053343	4.172319838	100.0533425	0.67889062
BTC	Bitstamp	2295.22 Poloniex	2379.070153	3.587717096	83.85015347	1.71860591
BTC	Bitstamp	2320.03 Poloniex	2415.199178	4.019622891	95.16917799	0.7553711
BTC	Bitstamp	2350 Poloniex	2432	3.429527395	82.00000001	0.58575122
BTC	Bitstamp	2415 Poloniex	2455.8	1.67528948	40.8	0.51973637
BTC	Bitstamp	2420 Poloniex	2460.071799	1.642262666	40.0717986	1
BTC	Bitstamp	2458.83 Poloniex	2386.697098	2.977298458	72.13290178	1
BTC	Bitstamp	2464.89 Poloniex	2389	3.126976508	75.89	0.805
BTC	Bitstamp	2465.43 Poloniex	2392.520119	3.001672691	72.90988102	0.68204637
BTC	Bitstamp	2449 Poloniex	2381	2.81573499	68	2.22659327
BTC	Bitstamp	2447.35 Poloniex	2386.190034	2.530648998	61.15996622	1

BTC	Bitstamp	2359.99 Poloniex	2403.882019	1.84270352	43.89201868	0.51159444
BTC	Bitstamp	2367.8 Poloniex	2440.407378	3.020143358	72.60737789	0.692
BTC	Bitstamp	2392 Poloniex	2444	2.150537634	52	0.9317
BTC	Bitstamp	2413.41 Poloniex	2471	2.3581149	57.59	1.002
BTC	Bitstamp	2415.93 Poloniex	2469.373941	2.18794741	53.44394053	1
BTC	Bitstamp	2458.92 Poloniex	2421.09	1.550406652	37.82999982	0.96118362
BTC	Bitstamp	2359.21 Poloniex	2440.5	3.387287982	81.29	0.61230787
BTC	Bitstamp	2359.63 Poloniex	2428.896955	2.893038124	69.2669552	1.28967196
BTC	Bitstamp	2299.87 Poloniex	2375.387832	3.230531236	75.51783233	0.89899836
BTC	Bitstamp	2336.72 Poloniex	2396.00919	2.505496851	59.28919042	0.70476088
BTC	Bitstamp	2392.61 Poloniex	2465.75	3.010892565	73.14000001	1
BTC	Bitstamp	2399.31 Poloniex	2464.398098	2.67648044	65.08809796	1.116
BTC	Bitstamp	2399.21 Poloniex	2462.425309	2.600577987	63.21530883	1.002
BTC	Bitstamp	2371.91 Poloniex	2453.99	3.401645287	82.07999996	1.31905239
BTC	Bitstamp	2377.96 Poloniex	2448.770302	2.934089837	70.81030161	1
BTC	Bitstamp	2357.26 Poloniex	2320.671952	1.564283043	36.58804815	0.88831652
BTC	Bitstamp	2286 Poloniex	2328.442141	1.839535079	42.44214093	1.27041506
BTC	Bitstamp	2230.99 Poloniex	2333	4.470211372	102.01	0.692
BTC	Bitstamp	2231 Poloniex	2333	4.469763365	102	1.77
BTC	Bitstamp	2290 Poloniex	2333.149428	1.866668104	43.14942788	0.67244481
BTC	Bitstamp	2431.52 Poloniex	2394.133171	1.549503359	37.38682899	1.5
BTC	Bitstamp	2434.61 Poloniex	2395.317019	1.627063131	39.29298089	1.765
BTC	Bitstamp	2457.96 Poloniex	2372.760952	3.527384372	85.19904797	1.48714946
BTC	Bitstamp	2454.04 Poloniex	2391.71521	2.572345778	62.32478977	0.692
BTC	Bitstamp	2465.21 Poloniex	2397.073495	2.802654554	68.13650491	0.88135657
BTC	Bitstamp	2405.91 Poloniex	2450	1.815931514	44.09	1
BTC	Bitstamp	2395 Poloniex	2438.655234	1.806303186	43.65523426	1.114585
BTC	Bitstamp	2345.71 Poloniex	2435.048519	3.737420262	89.33851877	0.692
BTC	Bitstamp	2320 Poloniex	2404	3.556308216	84.00000006	1.03478584
BTC	Bitstamp	2299.9 Poloniex	2399.951263	4.257635301	100.0512632	0.53127899
BTC	Bitstamp	2304.96 Poloniex	2405.727685	4.278257924	100.7676846	2
BTC	Bitstamp	2310 Poloniex	2407.564378	4.136218204	97.56437831	0.91889503
BTC	Bitstamp	2321.9 Poloniex	2367.556975	1.947217977	45.65697461	0.64332902
BTC	Bitstamp	2300.19 Poloniex	2363.807717	2.728033787	63.61771676	0.759719
BTC	Bitstamp	2314.43 Poloniex	2361.509948	2.013710528	47.0799475	1.35214416
BTC	Bitstamp	2310 Poloniex	2359.759467	2.131136192	49.75946704	1.137774
BTC	Bitstamp	2302.07 Poloniex	2370.327499	2.921733393	68.25749898	0.73604518
BTC	Bitstamp	2298.67 Poloniex	2396.542069	4.169015911	97.8720691	0.54400568
BTC	Bitstamp	2296.68 Poloniex	2395	4.19124919	98.32	0.84875592
BTC	Bitstamp	2375 Poloniex	2448.777	3.058889331	73.77700001	1.495493
BTC	Bitstamp	2376.74 Poloniex	2449.6	3.019265116	72.86	1
BTC	Bitstamp	2448.14 Poloniex	2409	1.611648007	39.14	1.78317618
BTC	Bitstamp	2455 Poloniex	2409	1.891447368	46	1.28902821
BTC	Bitstamp	2452 Poloniex	2388.36822	2.629212374	63.63178009	0.70086083
BTC	Bitstamp	2447.98 Poloniex	2386.52991	2.542143528	61.45009038	0.70693643
BTC	Bitstamp	2450.03 Poloniex	2376.821509	3.033384854	73.20849129	0.87416764
BTC	Bitstamp	2464.96 Poloniex	2387	3.213546682	77.95999981	0.66130195
BTC	Bitstamp	2465 Poloniex	2387	3.215168994	77.9999998	0.82212153
BTC	Bitstamp	2467.67 Poloniex	2392.148096	3.108013597	75.52190361	0.57251577
BTC	Bitstamp	2469.99 Poloniex	2394.127573	3.119267823	75.86242717	0.50500203

BTC	Bitstamp	2464.88 Poloniex	2399.789455	2.676052113	65.09054488	0.562091
BTC	Bitstamp	2475.02 Poloniex	2413	2.537632825	62.02	0.65487119
BTC	Bitstamp	2465.76 Poloniex	2420	1.873198847	45.76	0.69992524
BTC	Bitstamp	2360.17 Poloniex	2442.5	3.428509558	82.33	1.77
BTC	Bitstamp	2375 Poloniex	2442.51	2.802692677	67.51	0.80114445
BTC	Bitstamp	2409.39 Poloniex	2448.503483	1.610306321	39.1134829	0.95735765
BTC	Bitstamp	2404.15 Poloniex	2460.002994	2.296514689	55.852994	1.3
BTC	Bitstamp	2464.26 Poloniex	2396.542069	2.786286293	67.7179309	0.94623692
BTC	Bitstamp	2465.5 Poloniex	2399	2.734093946	66.5	2
BTC	Bitstamp	2482.97 Poloniex	2380.466532	4.215269071	102.503468	1
BTC	Bitstamp	2480.07 Poloniex	2381.299105	4.063501141	98.77089453	1.52956908
BTC	Bitstamp	2485 Poloniex	2397.469826	3.585487569	87.53017434	1.00446752
BTC	Bitstamp	2489.9 Poloniex	2430.022781	2.434071515	59.87721949	1
BTC	Bitstamp	2498.01 Poloniex	2446	2.103960146	52.01	0.53087719
BTC	Bitstamp	2501.99 Poloniex	2451	2.058958326	50.99	1
BTC	Bitstamp	2500 Poloniex	2451.496469	1.959146359	48.5035314	0.90568923
BTC	Bitstamp	2499.95 Poloniex	2442.764705	2.313922527	57.18529451	1.00351207
BTC	Bitstamp	2497.97 Poloniex	2444.788233	2.151906453	53.18176668	1.20751253
BTC	Bitstamp	2498 Poloniex	2446.650659	2.076965378	51.34934112	1.5
BTC	Bitstamp	2501.01 Poloniex	2449	2.101409896	52.01	2
BTC	Bitstamp	2504.95 Poloniex	2444.558289	2.44031153	60.39171074	1.57240125
BTC	Bitstamp	2506.12 Poloniex	2444.558289	2.487001059	61.56171074	1
BTC	Bitstamp	2515 Poloniex	2445.3	2.810313893	69.70000001	0.523002
BTC	Bitstamp	2500 Poloniex	2432	2.757502028	68	1.46122871
BTC	Bitstamp	2499.33 Poloniex	2429	2.85411082	70.3299999	1
BTC	Bitstamp	2496.24 Poloniex	2436.69429	2.414210539	59.54570977	0.715554
BTC	Bitstamp	2483.83 Poloniex	2410.366493	3.002066085	73.46350653	0.5199961
BTC	Bitstamp	2482.18 Poloniex	2417.16945	2.653844186	65.01055025	1.82462003
BTC	Bitstamp	2479.51 Poloniex	2419.586986	2.44628811	59.92301354	1.02189011
BTC	Bitstamp	2485 Poloniex	2440.451051	1.808928689	44.54894857	0.852
BTC	Bitstamp	2454.01 Poloniex	2384.950508	2.85431103	69.05949176	0.61574938
BTC	Bitstamp	2439.08 Poloniex	2361.509948	3.231688328	77.5700525	0.94437793
BTC	Bitstamp	2436 Poloniex	2354.99	3.38176452	81.00999999	1.58921483
BTC	Bitstamp	2436.03 Poloniex	2354.99	3.382995688	81.04	0.56558585
BTC	Bitstamp	2434.97 Poloniex	2361.75369	3.052763308	73.2163104	0.76
BTC	Bitstamp	2421 Poloniex	2382	1.623985009	39	2.06154356
BTC	Bitstamp	2426.25 Poloniex	2382.192639	1.832500225	44.0573611	0.83267286
BTC	Bitstamp	2455.55 Poloniex	2397	2.413164213	58.55	0.6864069
BTC	Bitstamp	2460 Poloniex	2373.278026	3.588536532	86.72197384	0.70810055
BTC	Bitstamp	2484.72 Poloniex	2419.5	2.659750174	65.22	0.62951829
BTC	Bitstamp	2490 Poloniex	2429.029471	2.478965777	60.97052858	1
BTC	Bitstamp	2495 Poloniex	2440.806112	2.1959488	54.19388755	1.035376
BTC	Bitstamp	2487.21 Poloniex	2432.326831	2.231233194	54.88316939	0.50808912
BTC	Bitstamp	2498.9 Poloniex	2435.129698	2.584917643	63.77030209	1.68997799
BTC	Bitstamp	2501.99 Poloniex	2437.2	2.623507093	64.78999999	1.27924089
BTC	Bitstamp	2480.5 Poloniex	2435	1.851286746	45.5	1
BTC	Bitstamp	2477.35 Poloniex	2391	3.547403124	86.35	0.59422499
BTC	Bitstamp	2484.88 Poloniex	2420	2.645528535	64.88	0.61018129
BTC	Bitstamp	2494.38 Poloniex	2406.001	3.607025658	88.379	0.5938
BTC	Bitstamp	2440.28 Poloniex	2381.588492	2.434388587	58.69150813	0.52168604

BTC	Bitstamp	2464.01 Poloniex	2392.316629	2.952576167	71.69337131	0.6759594
BTC	Bitstamp	2472.71 Poloniex	2405.750021	2.745127705	66.95997881	0.61367199
BTC	Bitstamp	2494 Poloniex	2442.749156	2.076299277	51.25084352	0.51576047
BTC	Bitstamp	2507.98 Poloniex	2445	2.543115458	62.98	0.66714195
BTC	Bitstamp	2508 Poloniex	2445	2.54391278	63	0.83334414
BTC	Bitstamp	2504.13 Poloniex	2442.5	2.491797446	61.63	0.854059
BTC	Bitstamp	2516.14 Poloniex	2442.5	2.97016924	73.64	0.555
BTC	Bitstamp	2499.07 Poloniex	2442.5	2.289555748	56.57	0.93692854
BTC	Bitstamp	2468.77 Poloniex	2374.695604	3.88459024	94.07439606	1.35894283
BTC	Bitstamp	2490.13 Poloniex	2435.129698	2.233397037	55.00030209	1.2753
BTC	Bitstamp	2501.55 Poloniex	2450.274834	2.070960393	51.27516552	1
BTC	Bitstamp	2498.99 Poloniex	2436.892688	2.516158324	62.09731157	0.50940993
BTC	Bitstamp	2520 Poloniex	2435	3.430877901	85	2.25529873
BTC	Bitstamp	2489.73 Poloniex	2443.642126	1.868412636	46.08787409	1.17587
BTC	Bitstamp	2487.21 Poloniex	2449.133621	1.542695651	38.07637918	0.807227
BTC	Bitstamp	2506.96 Poloniex	2462.1	1.805572883	44.85999995	1
BTC	Bitstamp	2503.64 Poloniex	2463.99999	1.595929257	39.64001	0.5848052
BTC	Bitstamp	2514.48 Poloniex	2465	1.987356109	49.48	0.73516771
BTC	Bitstamp	2513 Poloniex	2445	2.743041549	67.99999999	1
BTC	Bitstamp	2511.01 Poloniex	2439.07	2.906619691	71.94	0.51178974
BTC	Bitstamp	2484.8 Poloniex	2433.130934	2.101252215	51.66906634	1
BTC	Bitstamp	2433.51 Poloniex	2390	1.804080431	43.51	0.817
BTC	Bitstamp	2457.41 Poloniex	2400.2	2.355479341	57.21	0.86486244
BTC	Bitstamp	2479.4 Poloniex	2424	2.259656565	55.4	1.33560356
BTC	Bitstamp	2484.68 Poloniex	2410.841041	3.016592466	73.83895945	1.2
BTC	Bitstamp	2482.37 Poloniex	2427	2.255686575	55.37	0.680019
BTC	Bitstamp	2480.1 Poloniex	2426.275389	2.194068181	53.82461063	2
BTC	Bitstamp	2488 Poloniex	2430	2.358682392	58.00000001	1
BTC	Bitstamp	2426.24 Poloniex	2380.699549	1.894779414	45.54045051	0.96869838
BTC	Bitstamp	2455.55 Poloniex	2382.991684	2.999181198	72.55831621	1.08621272
BTC	Bitstamp	2455.55 Poloniex	2398.023083	2.370497613	57.52691703	1.65697743
BTC	Bitstamp	2451.17 Poloniex	2391.166668	2.478280061	60.00333207	0.53725
BTC	Bitstamp	2500 Poloniex	2410.265486	3.654976064	89.7345141	0.66353216
BTC	Bitstamp	2500 Poloniex	2410.265486	3.654976064	89.73451409	0.60108102
BTC	Bitstamp	2490 Poloniex	2415.199178	3.049858703	74.80082201	0.66369125
BTC	Bitstamp	2490.62 Poloniex	2450.9	1.607602519	39.71999999	0.54670974
BTC	Bitstamp	2423.32 Poloniex	2499.737437	3.10447068	76.41743735	0.501
BTC	Bitstamp	2428.26 Poloniex	2534.458391	4.279847567	106.1983911	0.73146
BTC	Bitstamp	2451.92 Poloniex	2546.396612	3.780337252	94.47661243	0.76389212
BTC	Bitstamp	2484.53 Poloniex	2528.5	1.754228481	43.97	1.48007684
BTC	Bitstamp	2442.22 Poloniex	2543	4.043151556	100.78	1
BTC	Bitstamp	2437.24 Poloniex	2544	4.286482883	106.76	0.94524766
BTC	Bitstamp	2439.31 Poloniex	2532	3.728996985	92.69000002	0.73429
BTC	Bitstamp	2504.07 Poloniex	2562.750012	2.316246163	58.68001206	0.68010109
BTC	Bitstamp	2517.31 Poloniex	2455	2.506279777	62.31	0.739
BTC	Bitstamp	2517.77 Poloniex	2458.5	2.382105472	59.26999999	0.58533316
BTC	Bitstamp	2508.55 Poloniex	2547.4	1.536803173	38.85000001	0.6126
BTC	Bitstamp	2425.6 Poloniex	2536	4.450177362	110.4	0.59891509
BTC	Bitstamp	2439.64 Poloniex	2538.101956	3.956089195	98.46195583	0.58117344
BTC	Bitstamp	2454 Poloniex	2538.216215	3.373900927	84.21621458	0.76176732

BTC	Bitstamp	2490 Poloniex	2538.140805	1.914855105	48.14080545	1.185
BTC	Bitstamp	2477.57 Poloniex	2544	2.645786078	66.42999999	0.9712
BTC	Bitstamp	2494.06 Poloniex	2532.98	1.548426112	38.92	0.65660614
BTC	Bitstamp	2454.99 Poloniex	2534.13	3.172503368	79.14000002	1.002
BTC	Bitstamp	2463.7 Poloniex	2558.591643	3.778818512	94.89164317	2.132504
BTC	Bitstamp	2463.72 Poloniex	2559	3.793960245	95.28	2
BTC	Bitstamp	2504.98 Poloniex	2569.037894	2.524937664	64.05789445	0.73753735
BTC	Bitstamp	2519.82 Poloniex	2594.425878	2.917571027	74.60587799	0.63012458
BTC	Bitstamp	2519.85 Poloniex	2596.64024	3.001676399	76.79024	1.21677416
BTC	Bitstamp	2574.97 Poloniex	2480.30565	3.745170638	94.66434966	1.512166
BTC	Bitstamp	2569.99 Poloniex	2476.293345	3.713491654	93.69665541	0.8211
BTC	Bitstamp	2569.99 Poloniex	2476.293345	3.713491654	93.69665541	0.8211
BTC	Bitstamp	2573.64 Poloniex	2478.259795	3.776013333	95.38020492	0.5544578
BTC	Bitstamp	2594.93 Poloniex	2497.813259	3.813926436	97.11674075	1
BTC	Bitstamp	2594.93 Poloniex	2498	3.80645326	96.93	0.63166799
BTC	Bitstamp	2591.16 Poloniex	2525	2.586314736	66.16	2
BTC	Bitstamp	2622.5 Poloniex	2540.167115	3.189548462	82.33288479	1.49363934
BTC	Bitstamp	2625 Poloniex	2540	3.291384318	85	1.20424
BTC	Bitstamp	2499.99 Poloniex	2538.054163	1.511069037	38.06416271	0.89641418
BTC	Bitstamp	2587.48 Poloniex	2530	2.246418159	57.48	1
BTC	Bitstamp	2605 Poloniex	2536.075006	2.681345579	68.9249937	1
BTC	Bitstamp	2603.51 Poloniex	2544	2.312185892	59.51	1.05036528
BTC	Bitstamp	2603.39 Poloniex	2539.885705	2.469410491	63.50429493	2.42464436
BTC	Bitstamp	2609.46 Poloniex	2539.885705	2.702257681	69.57429493	0.74548993
BTC	Bitstamp	2620.11 Poloniex	2535	3.301966398	85.11	1.33478961
BTC	Bitstamp	2638.39 Poloniex	2528.151135	4.267414587	110.238865	0.739
BTC	Bitstamp	2634.99 Poloniex	2575.925288	2.266961143	59.06471238	1.32241863
BTC	Bitstamp	2635.12 Poloniex	2579	2.152616357	56.12	1.9411412
BTC	Bitstamp	2645 Poloniex	2585	2.294455067	60	0.6714669
BTC	Bitstamp	2566.95 Poloniex	2454	4.499148568	112.95	0.72977594
BTC	Bitstamp	2568.61 Poloniex	2458.511438	4.380183088	110.0985615	1
BTC	Bitstamp	2569.84 Poloniex	2470	3.962030541	99.84000002	1.34283408
BTC	Bitstamp	2575.19 Poloniex	2495	3.163195067	80.18999999	1
BTC	Bitstamp	2591.03 Poloniex	2509.861821	3.182509343	81.16817939	1
BTC	Bitstamp	2601.5 Poloniex	2535	2.589311788	66.5	0.69588705
BTC	Bitstamp	2583.99 Poloniex	2540	1.717021306	43.99000001	0.51601358
BTC	Bitstamp	2588.5 Poloniex	2534.378892	2.112917738	54.1211084	1
BTC	Bitstamp	2600 Poloniex	2534.282788	2.559937385	65.71721228	1
BTC	Bitstamp	2619.77 Poloniex	2548.416703	2.761250756	71.35329719	0.76159739
BTC	Bitstamp	2620.2 Poloniex	2545	2.911794316	75.2	1.786322
BTC	Bitstamp	2644 Poloniex	2575.026762	2.643145585	68.97323772	1
BTC	Bitstamp	2637.21 Poloniex	2578.981011	2.232624874	58.22898899	0.66058732
BTC	Bitstamp	2638.46 Poloniex	2579.11111	2.274962382	59.34889	1
BTC	Bitstamp	2552.67 Poloniex	2601.872447	1.909090767	49.20244697	0.56396763
BTC	Bitstamp	2559.68 Poloniex	2605	1.754997405	45.32	0.78636808
BTC	Bitstamp	2547.67 Poloniex	2611.6472	2.48006461	63.9772	1.641
BTC	Bitstamp	2545 Poloniex	2611.6472	2.584904393	66.6472	2
BTC	Bitstamp	2560 Poloniex	2603	1.665698237	43	1
BTC	Bitstamp	2526.6 Poloniex	2485	1.660148456	41.6	1
BTC	Bitstamp	2580 Poloniex	2533	1.838451012	47.00000011	0.6430913

BTC	Bitstamp	2638.02 Poloniex	2536.316691	3.931066519	101.7033086	0.522
BTC	Bitstamp	2633.67 Poloniex	2532.303592	3.924387387	101.366408	1.27197903
BTC	Bitstamp	2635.79 Poloniex	2538.140805	3.774661789	97.64919456	1.25313646
BTC	Bitstamp	2633.73 Poloniex	2534.09	3.856171461	99.64000001	1.701
BTC	Bitstamp	2631 Poloniex	2531	3.874467261	100	1.14659074
BTC	Bitstamp	2631 Poloniex	2529	3.953488372	102	1
BTC	Bitstamp	2633.73 Poloniex	2540.271349	3.612625686	93.45865087	0.60599257
BTC	Bitstamp	2631 Poloniex	2538.110925	3.594005872	92.88907509	0.8
BTC	Bitstamp	2616.46 Poloniex	2542.2	2.879042232	74.26	0.85574306
BTC	Bitstamp	2615 Poloniex	2532	3.225179716	82.99999999	0.63351603
BTC	Bitstamp	2611.83 Poloniex	2530	3.182913476	81.83	0.68124451
BTC	Bitstamp	2620 Poloniex	2550.11	2.703617525	69.89	1.08404627
BTC	Bitstamp	2607.42 Poloniex	2560.574136	1.812922474	46.84586357	0.656
BTC	Bitstamp	2616.64 Poloniex	2570	1.798466831	46.64000001	0.97059832
BTC	Bitstamp	2615 Poloniex	2571.5	1.677431794	43.5	1.26865008
BTC	Bitstamp	2549.75 Poloniex	2599	1.9130857	49.24999999	2.05516472
BTC	Bitstamp	2549.01 Poloniex	2588.214207	1.526279761	39.20420666	1.671
BTC	Bitstamp	2538.41 Poloniex	2454.589589	3.357517236	83.8204109	0.7355
BTC	Bitstamp	2600.15 Poloniex	2496.024465	4.086419552	104.1255349	0.73941281
BTC	Bitstamp	2593.65 Poloniex	2505.866272	3.442825696	87.78372828	0.59419
BTC	Bitstamp	2592 Poloniex	2507.993771	3.294365962	84.00622943	2
BTC	Bitstamp	2590.51 Poloniex	2508.866272	3.202106453	81.64372832	1.00746255
BTC	Bitstamp	2587.16 Poloniex	2508.866272	3.072736448	78.29372832	1.77
BTC	Bitstamp	2585.01 Poloniex	2538	1.835249199	47.01	1.03936114
BTC	Bitstamp	2581.41 Poloniex	2540.181933	1.609970797	41.22806724	0.66736162
BTC	Bitstamp	2580 Poloniex	2538.199362	1.633411884	41.80063831	1.77
BTC	Bitstamp	2580 Poloniex	2538.199362	1.633411884	41.80063831	1.04135182
BTC	Bitstamp	2595.2 Poloniex	2534.369125	2.371773271	60.83087472	0.52143594
BTC	Bitstamp	2587.67 Poloniex	2542.364589	1.766280929	45.3054113	0.5770919
BTC	Bitstamp	2587.67 Poloniex	2542.364589	1.766280928	45.30541127	0.51065283
BTC	Bitstamp	2616.68 Poloniex	2561.505901	2.13102042	55.17409946	1.34749778
BTC	Bitstamp	2630 Poloniex	2572	2.229911572	58	1
BTC	Bitstamp	2635.11 Poloniex	2594.011524	1.571907488	41.0984764	0.656
BTC	Bitstamp	2623.24 Poloniex	2544	3.067014499	79.24	0.6825468
BTC	Bitstamp	2615 Poloniex	2546.333495	2.660804824	68.6665053	1.41782355
BTC	Bitstamp	2608.1 Poloniex	2538.067576	2.721731199	70.03242422	1.3189029
BTC	Bitstamp	2602.1 Poloniex	2532.341262	2.717286448	69.75873829	0.56959711
BTC	Bitstamp	2604.89 Poloniex	2538.164183	2.594793476	66.72581719	0.83646707
BTC	Bitstamp	2588.71 Poloniex	2538.140805	1.97271957	50.56919457	0.78362666
BTC	Bitstamp	2587.57 Poloniex	2536.3335	1.999901052	51.2365	0.656
BTC	Bitstamp	2569.76 Poloniex	2525.95	1.719485607	43.81	0.7004804
BTC	Bitstamp	2519.99 Poloniex	2568.942666	1.923887353	48.95266599	0.77238232
BTC	Bitstamp	2500 Poloniex	2568	2.683504341	68	1.09107958
BTC	Bitstamp	2526 Poloniex	2582	2.192638998	56	0.50410845
BTC	Bitstamp	2536 Poloniex	2585	1.913688733	49	2
BTC	Bitstamp	2539 Poloniex	2589	1.950078003	50	2
BTC	Bitstamp	2540 Poloniex	2590	1.949317739	50	2.31323918
BTC	Bitstamp	2547.84 Poloniex	2597.9	1.945687112	50.05999999	1
BTC	Bitstamp	2555 Poloniex	2599	1.707411719	43.99999999	2.49236234
BTC	Bitstamp	2544.65 Poloniex	2506	1.530496075	38.65000001	0.656

BTC	Bitstamp	2544.65 Poloniex	2505.034558	1.569026395	39.61544178	0.50058538
BTC	Bitstamp	2543.54 Poloniex	2504.234301	1.557347707	39.30569868	0.52063571
BTC	Bitstamp	2569.88 Poloniex	2515	2.158556347	54.88	0.55681812
BTC	Bitstamp	2573 Poloniex	2515	2.279874214	58	1.42294527
BTC	Bitstamp	2567.34 Poloniex	2515	2.05968117	52.34	0.55952906
BTC	Bitstamp	2556 Poloniex	2517.861812	1.503319926	38.13818782	0.951233
BTC	Bitstamp	2555.99 Poloniex	2517.861812	1.502928711	38.12818781	1.8542
BTC	Bitstamp	2569.9 Poloniex	2524.060869	1.799744124	45.8391307	0.88253958
BTC	Bitstamp	2574.98 Poloniex	2536.11	1.521006282	38.87	0.81516477
BTC	Bitstamp	2574.99 Poloniex	2535.014206	1.564609065	39.9757945	2
BTC	Bitstamp	2582 Poloniex	2534.33332	1.863314101	47.6666801	2
BTC	Bitstamp	2541.6 Poloniex	2607	2.540496446	65.4	0.656
BTC	Bitstamp	2541.58 Poloniex	2603.996617	2.426030049	62.41661746	0.68
BTC	Bitstamp	2542.86 Poloniex	2500	1.699829065	42.85999999	0.63622152
BTC	Bitstamp	2540 Poloniex	2500	1.587301587	40	1.0733
BTC	Bitstamp	2546.09 Poloniex	2498.911	1.870326686	47.179	0.964
BTC	Bitstamp	2537.8 Poloniex	2490	1.90142806	47.8	0.76362258
BTC	Bitstamp	2539.92 Poloniex	2491	1.944773516	48.91999988	1.623
BTC	Bitstamp	2546.62 Poloniex	2499.05	1.885577138	47.56999998	0.62117089
BTC	Bitstamp	2550.29 Poloniex	2499	2.031572755	51.28999999	0.5052627
BTC	Bitstamp	2595 Poloniex	2520	2.932551321	75.00000003	0.52767136
BTC	Bitstamp	2597.99 Poloniex	2513.817326	3.293264736	84.17267403	0.57916
BTC	Bitstamp	2605 Poloniex	2513.817326	3.562646144	91.18267403	1.002
BTC	Bitstamp	2583.81 Poloniex	2513.817326	2.746088309	69.99267403	0.87695432
BTC	Bitstamp	2581.29 Poloniex	2512.52424	2.69997125	68.76576	0.6315598
BTC	Bitstamp	2580.04 Poloniex	2511.424525	2.695313898	68.61547548	0.99
BTC	Bitstamp	2589.98 Poloniex	2510.336155	3.123094419	79.6438446	0.65731
BTC	Bitstamp	2623.07 Poloniex	2526.7	3.742691422	96.37000001	0.82019717
BTC	Bitstamp	2624.57 Poloniex	2528	3.748420691	96.57	1.72
BTC	Bitstamp	2630 Poloniex	2525	4.07371484	105	1.667
BTC	Bitstamp	2422.58 Poloniex	2465	1.735828365	42.42	0.86098947
BTC	Bitstamp	2411.01 Poloniex	2465	2.214515557	53.99000001	0.692
BTC	Bitstamp	2467.71 Poloniex	2380	3.6186158	87.71	1
BTC	Bitstamp	2467.74 Poloniex	2380	3.619831097	87.74000001	0.692
BTC	Bitstamp	2467.68 Poloniex	2370	4.038299349	97.67999998	0.50785699
BTC	Bitstamp	2460.06 Poloniex	2375	3.518467196	85.06	0.52818902
BTC	Bitstamp	2445 Poloniex	2365	3.326403326	80	0.53881802
BTC	Bitstamp	2452.24 Poloniex	2365	3.621991016	87.24	1.39493008
BTC	Bitstamp	2439.92 Poloniex	2370	2.907324862	69.92	0.98485726
BTC	Bitstamp	2449.15 Poloniex	2370.3	3.272157611	78.84999999	1
BTC	Bitstamp	2380 Poloniex	2426.135	1.919837874	46.13500001	0.50566463
BTC	Bitstamp	2377.8 Poloniex	2417.5	1.655787959	39.70000001	0.63127149
BTC	Bitstamp	2381 Poloniex	2418	1.541987914	37	1.95199305
BTC	Bitstamp	2371 Poloniex	2418	1.96283149	47.00000003	1.45647633
BTC	Bitstamp	2380.9 Poloniex	2423.99	1.793589444	43.08999992	0.55683413
BTC	Bitstamp	2360 Poloniex	2426.5	2.77864828	66.49999997	0.54333847
BTC	Bitstamp	2350.04 Poloniex	2433	3.46892353	82.96000001	1.00017494
BTC	Bitstamp	2350 Poloniex	2447	4.044194289	97.00000003	1.08638489
BTC	Bitstamp	2353.01 Poloniex	2440	3.629869331	86.99	0.94177075
BTC	Bitstamp	2352.64 Poloniex	2450	4.054436726	97.35999999	0.700846

BTC	Bitstamp	2349.99 Poloniex	2430	3.34770575	80.01000004	2.25534347
BTC	Bitstamp	2349.99 Poloniex	2450	4.167092015	100.01	0.84
BTC	Bitstamp	2350 Poloniex	2445	3.962460896	94.99999997	0.8493597
BTC	Bitstamp	2339.99 Poloniex	2410.99	2.988857032	70.9999999	1.03031194
BTC	Bitstamp	2342.59 Poloniex	2412	2.919704959	69.41	0.57445965
BTC	Bitstamp	2359.99 Poloniex	2409.7582	2.08682714	49.76819997	1.10196797
BTC	Bitstamp	2366.94 Poloniex	2425	2.423235683	58.06	0.51952796
BTC	Bitstamp	2367.29 Poloniex	2429	2.573238899	61.71	0.502659
BTC	Bitstamp	2370.9 Poloniex	2428	2.379712017	57.1	0.50845299
BTC	Bitstamp	2380 Poloniex	2429	2.037845705	48.99999997	0.615138
BTC	Bitstamp	2362.22 Poloniex	2406.965948	1.876460596	44.74594753	1.5
BTC	Bitstamp	2362.24 Poloniex	2399.99	1.585391716	37.74999997	0.95051251
BTC	Bitstamp	2378.98 Poloniex	2437.216472	2.41835948	58.23647198	0.93809317
BTC	Bitstamp	2367.64 Poloniex	2441	3.051174552	73.36	0.57365353
BTC	Bitstamp	2400 Poloniex	2448.423572	1.997497609	48.42357247	1.86522594
BTC	Bitstamp	2402.94 Poloniex	2440	1.53047529	37.06	0.84746055
BTC	Bitstamp	2401.69 Poloniex	2449.2	1.958815805	47.50999999	2
BTC	Bitstamp	2400 Poloniex	2450	2.06185567	50	0.76703432
BTC	Bitstamp	2400 Poloniex	2445.481187	1.877261951	45.48118734	0.99970325
BTC	Bitstamp	2405 Poloniex	2444.612361	1.63363001	39.61236146	1.5
BTC	Bitstamp	2394.38 Poloniex	2440.7559	1.918287343	46.3759	0.64028123
BTC	Bitstamp	2411.26 Poloniex	2506.296224	3.86518099	95.03622418	2.48227
BTC	Bitstamp	2423.77 Poloniex	2500	3.096407834	76.23	1.685063
BTC	Bitstamp	2406 Poloniex	2494	3.591836735	88	0.85499978
BTC	Bitstamp	2394.6 Poloniex	2489.99999	3.906153634	95.39999	0.64510729
BTC	Bitstamp	2390.01 Poloniex	2489.99999	4.097942021	99.98999	0.913
BTC	Bitstamp	2381.6 Poloniex	2477.474	3.946183985	95.874	1.40654206
BTC	Bitstamp	2384.25 Poloniex	2488.494419	4.278673764	104.2444185	0.8665976
BTC	Bitstamp	2389.09 Poloniex	2476.335992	3.586366006	87.24599192	0.85269476
BTC	Bitstamp	2375.53 Poloniex	2470	3.899263858	94.47	0.522464
BTC	Bitstamp	2378.48 Poloniex	2467.28453	3.665243304	88.80452999	1.747
BTC	Bitstamp	2365.29 Poloniex	2470	4.331074247	104.71	0.7075582
BTC	Bitstamp	2735 Poloniex	2682.916987	1.922621301	52.08301303	0.73472041
BTC	Bitstamp	2733.18 Poloniex	2673.667025	2.201392963	59.51297497	0.70749749
BTC	Bitstamp	2734.99 Poloniex	2671.568	2.346113738	63.42199999	0.65442339
BTC	Bitstamp	2730.14 Poloniex	2670.959621	2.191419624	59.18037852	1
BTC	Bitstamp	2750 Poloniex	2656	3.477617462	94	1
BTC	Bitstamp	2756 Poloniex	2647.061336	4.03247926	108.9386639	0.80705919
BTC	Bitstamp	2756.43 Poloniex	2642.894	4.205563511	113.536	0.656
BTC	Bitstamp	2755.26 Poloniex	2642.895	4.163089054	112.365	1
BTC	Bitstamp	2755.26 Poloniex	2642.895	4.163089054	112.365	1.77
BTC	Bitstamp	2749.28 Poloniex	2635	4.244950114	114.28	0.75257222
BTC	Bitstamp	2742.17 Poloniex	2635.508067	3.966839661	106.6619332	1.09484794
BTC	Bitstamp	2754.5 Poloniex	2640.04	4.243549958	114.4599999	1.16609352
BTC	Bitstamp	2410 Poloniex	2520	4.462474645	110	0.58444344
BTC	Bitstamp	2450 Poloniex	2533	3.33132651	83	0.80070036
BTC	Bitstamp	2450.14 Poloniex	2540	3.601502162	89.85999999	1.384
BTC	Bitstamp	2450.14 Poloniex	2530	3.207138756	79.86000001	1.39316889
BTC	Bitstamp	2458.22 Poloniex	2555	3.860991538	96.78	0.88346859
BTC	Bitstamp	2457.5 Poloniex	2553	3.811994811	95.5	0.72645074

BTC	Bitstamp	2469.58 Poloniex	2550	3.204252149	80.42	2.2203081
BTC	Bitstamp	2449 Poloniex	2556	4.275724276	107	0.93089694
BTC	Bitstamp	2449 Poloniex	2556	4.275724276	107	1.77
BTC	Bitstamp	2392.01 Poloniex	2500	4.41495418	107.99	0.62421059
BTC	Bitstamp	2398.94 Poloniex	2500	4.125790477	101.06	0.94921611
BTC	Bitstamp	2405 Poloniex	2500	3.873598369	95	1.60699092
BTC	Bitstamp	2409.16 Poloniex	2492	3.380424227	82.84000001	1.478
BTC	Bitstamp	2411 Poloniex	2482	2.902105048	71.00000001	1.80842131
BTC	Bitstamp	2444.98 Poloniex	2482	1.502746104	37.02	0.96308354
BTC	Bitstamp	2350 Poloniex	2453	4.28898605	103	1.574855
BTC	Bitstamp	2323.19 Poloniex	2420	4.082062925	96.81000022	0.87422716
BTC	Bitstamp	2332 Poloniex	2420	3.703703704	88.00000001	1.57394775
BTC	Bitstamp	2425.08 Poloniex	2474	1.997109661	48.92	1.66813527
BTC	Bitstamp	2422.93 Poloniex	2475	2.126204335	52.07	1.21303637
BTC	Bitstamp	2399.09 Poloniex	2470	2.912659246	70.91000003	0.74898785
BTC	Bitstamp	2370.04 Poloniex	2465	3.927992323	94.96	1.80851443
BTC	Bitstamp	2405 Poloniex	2511	4.312449146	106	1.56277119
BTC	Bitstamp	2437.37 Poloniex	2514	3.095304935	76.62999999	1.01107293
BTC	Bitstamp	2437.65 Poloniex	2515	3.123580305	77.35	1.68961202
BTC	Bitstamp	2423.97 Poloniex	2518	3.805365067	94.02999999	0.72957569
BTC	Bitstamp	2440.25 Poloniex	2500	2.418905926	59.75000001	0.63318872
BTC	Bitstamp	2413.7 Poloniex	2466.873652	2.178991892	53.17365209	0.511
BTC	Bitstamp	2398.23 Poloniex	2472.324622	3.0425538	74.09462236	0.57772903
BTC	Bitstamp	2408.55 Poloniex	2474.321683	2.69397547	65.77168268	1.002
BTC	Bitstamp	2421.55 Poloniex	2478.287494	2.315892898	56.73749426	0.5935757
BTC	Bitstamp	2390.47 Poloniex	2471.980465	3.352649668	81.51046467	1.00184948
BTC	Bitstamp	2304.5 Poloniex	2409.786498	4.46669916	105.2864977	0.54443942
BTC	Bitstamp	2302.79 Poloniex	2401	4.175781657	98.21	1
BTC	Bitstamp	2304.31 Poloniex	2371.03	2.854123978	66.72	0.64293176
BTC	Bitstamp	2300.01 Poloniex	2384.60147	3.611461507	84.59147	1.68
BTC	Bitstamp	2287.05 Poloniex	2390	4.402347634	102.95	1.611
BTC	Bitstamp	2288.31 Poloniex	2385.33651	4.152068822	97.0265098	1
BTC	Bitstamp	2297.71 Poloniex	2385.33651	3.742286549	87.6265098	0.60938396
BTC	Bitstamp	2300.62 Poloniex	2402.927492	4.350226821	102.3074923	0.56688499
BTC	Bitstamp	2350 Poloniex	2410	2.521008403	60	1
BTC	Bitstamp	2360.21 Poloniex	2407.561596	1.986319804	47.3515957	0.86661993
BTC	Bitstamp	2435.41 Poloniex	2386	2.049607895	49.41	0.98987029
BTC	Bitstamp	2444.76 Poloniex	2398	1.931130182	46.76	2
BTC	Bitstamp	2438.55 Poloniex	2399.887098	1.598156661	38.66290238	0.60760387
BTC	Bitstamp	2450.13 Poloniex	2412.011417	1.567975081	38.1185829	0.71301319
BTC	Bitstamp	2460 Poloniex	2414.507621	1.86654253	45.49237894	0.54408639
BTC	Bitstamp	2460 Poloniex	2410	2.05338809	49.99999999	1.706
BTC	Bitstamp	2458.66 Poloniex	2414.402774	1.816402868	44.25722599	1.0303
BTC	Bitstamp	2467.97 Poloniex	2395.2914	2.988883138	72.67859996	1.34216192
BTC	Bitstamp	2456.96 Poloniex	2395	2.554019406	61.95999998	0.5134161
BTC	Bitstamp	2464.88 Poloniex	2388.482634	3.148224097	76.39736599	1
BTC	Bitstamp	2463.16 Poloniex	2400	2.597488053	63.16	0.795
BTC	Bitstamp	2464.91 Poloniex	2400	2.668497465	64.91000001	0.631708
BTC	Bitstamp	2359.6 Poloniex	2403.571429	1.846308881	43.97142855	0.50879814
BTC	Bitstamp	2415 Poloniex	2378	1.543918214	37	1

BTC	Bitstamp	2423.92 Poloniex	2383.221395	1.693256014	40.69860539	0.60105256
BTC	Bitstamp	2429 Poloniex	2373.086174	2.328730628	55.91382577	0.75200121
BTC	Bitstamp	2455.01 Poloniex	2369.715722	3.5357151	85.29427795	0.77109911
BTC	Bitstamp	2435.03 Poloniex	2329.9	4.41265664	105.13	0.78076284
BTC	Bitstamp	2428.1 Poloniex	2339.9	3.69966443	88.20000001	1.5
BTC	Bitstamp	2440.74 Poloniex	2350.492298	3.767202107	90.24770204	0.57791809
BTC	Bitstamp	2422 Poloniex	2361	2.550700397	61	1.12
BTC	Bitstamp	2453.2 Poloniex	2357.852731	3.963675895	95.34726871	0.913
BTC	Bitstamp	2479.7 Poloniex	2390.326801	3.670337061	89.37319928	0.6103367
BTC	Bitstamp	2440.72 Poloniex	2395	1.890928342	45.72	1
BTC	Bitstamp	2488.91 Poloniex	2399.99	3.637628097	88.92000001	0.67202137
BTC	Bitstamp	2495.8 Poloniex	2399.99	3.913975068	95.81	0.9376793
BTC	Bitstamp	2504.95 Poloniex	2399.99	4.279766929	104.96	0.57829289
BTC	Bitstamp	2420 Poloniex	2380	1.666666668	40.00000003	0.76107108
BTC	Bitstamp	2416.01 Poloniex	2379.603186	1.518338238	36.40681437	1.02583895
BTC	Bitstamp	2437 Poloniex	2383.881811	2.203671064	53.11818875	0.98963224
BTC	Bitstamp	2443.29 Poloniex	2383.80982	2.464427175	59.48017987	1
BTC	Bitstamp	2452.99 Poloniex	2395	2.392331668	57.99000002	0.559342
BTC	Bitstamp	2489.27 Poloniex	2405	3.443618762	84.26999998	1.36166749
BTC	Bitstamp	2438.49 Poloniex	2382.511175	2.322290449	55.97882491	1
BTC	Bitstamp	2442.98 Poloniex	2382	2.527678871	60.98	0.73675846
BTC	Bitstamp	2462.31 Poloniex	2391.5004	2.917691223	70.8096	1.77362253
BTC	Bitstamp	2487.99 Poloniex	2387.858425	4.107247237	100.1315749	1
BTC	Bitstamp	2429.99 Poloniex	2385.105241	1.864335253	44.88475901	0.6884156
BTC	Bitstamp	2440.35 Poloniex	2363.94129	3.180852515	76.40871017	0.57897671
BTC	Bitstamp	2455.64 Poloniex	2370.993	3.507496845	84.6470001	0.67731883
BTC	Bitstamp	2469.97 Poloniex	2369.472182	4.153281074	100.4978181	0.76262641
BTC	Bitstamp	2438.58 Poloniex	2369	2.894595618	69.58	1.4383239
BTC	Bitstamp	2403.99 Poloniex	2356.087161	2.012691689	47.9028387	1.24691242
BTC	Bitstamp	2438.92 Poloniex	2357.457734	3.396824461	81.46226606	0.65504218
BTC	Bitstamp	2455.86 Poloniex	2356.9	4.1124012	98.96	0.95595784
BTC	Bitstamp	2445.45 Poloniex	2356.9	3.687777859	88.55000001	0.69657524
BTC	Bitstamp	2440.77 Poloniex	2356.9	3.496280486	83.87	2.4
BTC	Bitstamp	2427.56 Poloniex	2370	2.399553106	57.56	1.35052059
BTC	Bitstamp	2437.45 Poloniex	2361	3.186445622	76.44999997	1.01806608
BTC	Bitstamp	2446.27 Poloniex	2361	3.547543616	85.27	0.97608997
BTC	Bitstamp	2423 Poloniex	2376.17697	1.951294144	46.82302959	1.77
BTC	Bitstamp	2405.95 Poloniex	2369.681584	1.518895076	36.26841648	1
BTC	Bitstamp	2448.08 Poloniex	2361.641799	3.594311894	86.43820135	0.65337505
BTC	Bitstamp	2472.49 Poloniex	2384	3.644195704	88.48999997	0.77186379
BTC	Bitstamp	2446.65 Poloniex	2390	2.34253047	56.65	0.9847
BTC	Bitstamp	2446.64 Poloniex	2387.996918	2.425955996	58.64308209	0.89967104
BTC	Bitstamp	2460.18 Poloniex	2399.685353	2.48956062	60.49464701	0.66001396
BTC	Bitstamp	2465.1 Poloniex	2399.571943	2.694038081	65.52805732	1.192
BTC	Bitstamp	2478 Poloniex	2401.807894	3.12275024	76.19210636	1.159109
BTC	Bitstamp	2507 Poloniex	2401.019892	4.318650304	105.980108	1
BTC	Bitstamp	2456.62 Poloniex	2377.414465	3.276995045	79.20553495	0.53162475
BTC	Bitstamp	2483.45 Poloniex	2390.30517	3.82230237	93.14482968	1.037
BTC	Bitstamp	2480 Poloniex	2390	3.696098563	90	1.079742
BTC	Bitstamp	2492.38 Poloniex	2385.907798	4.365146383	106.4722017	1.45692547

BTC	Bitstamp	2490.02 Poloniex	2396.707986	3.818997666	93.31201386	0.6298493
BTC	Bitstamp	2729.92 Poloniex	2670	2.219292142	59.92000012	1.5
BTC	Bitstamp	2720.79 Poloniex	2672.999	1.772075252	47.791	1.52203524
BTC	Bitstamp	2718.04 Poloniex	2674.951488	1.597944742	43.08851197	1.55579059
BTC	Bitstamp	2705.67 Poloniex	2660.1	1.698544664	45.57	0.98897267
BTC	Bitstamp	2641.18 Poloniex	2689.065395	1.796742609	47.8853951	0.66997901
BTC	Bitstamp	2619.62 Poloniex	2691.074391	2.690962263	71.45439097	0.63421937
BTC	Bitstamp	2615 Poloniex	2684.14462	2.60965213	69.14462024	1.37616995
BTC	Bitstamp	2630.1 Poloniex	2676.636117	1.753850809	46.53611717	1.069612
BTC	Bitstamp	2622.56 Poloniex	2676.720733	2.044078661	54.16073334	0.54907833
BTC	Bitstamp	2615.88 Poloniex	2669.34	2.022999989	53.46000001	0.53027837
BTC	Bitstamp	2600 Poloniex	2663.241869	2.403152671	63.24186877	0.79316133
BTC	Bitstamp	2600 Poloniex	2661.319579	2.33095815	61.31957877	1.49266388
BTC	Bitstamp	2598 Poloniex	2675	2.920538593	77	0.79150584
BTC	Bitstamp	2592.01 Poloniex	2669.5	2.945542246	77.48999992	0.89251007
BTC	Bitstamp	2599.99 Poloniex	2676.338096	2.893985913	76.34809591	0.53167925
BTC	Bitstamp	2592 Poloniex	2676.338096	3.201696413	84.33809591	1.0444242
BTC	Bitstamp	2580 Poloniex	2685.2389	3.997497612	105.2388996	1.002
BTC	Bitstamp	2571 Poloniex	2683.302967	4.274704673	112.3029673	0.9547544
BTC	Bitstamp	2594.58 Poloniex	2689.110519	3.578200441	94.53051872	0.602098
BTC	Bitstamp	2589.98 Poloniex	2692.99658	3.899944598	103.0165799	2
BTC	Bitstamp	2589.98 Poloniex	2677.932882	3.339192742	87.95288232	1.002
BTC	Bitstamp	2622.7 Poloniex	2681.758493	2.226749175	59.05849286	0.66566022
BTC	Bitstamp	2764.98 Poloniex	2699.595074	2.393047035	65.3849259	0.656
BTC	Bitstamp	2764.76 Poloniex	2699.595074	2.385091198	65.16492594	1.3593
BTC	Bitstamp	2756.75 Poloniex	2698.786932	2.124926243	57.96306798	1
BTC	Bitstamp	2762.02 Poloniex	2700.806234	2.241102448	61.21376624	0.55012085
BTC	Bitstamp	2758.3 Poloniex	2698.021	2.209510749	60.27899951	1.75
BTC	Bitstamp	2757.32 Poloniex	2698	2.174757851	59.32	1.344
BTC	Bitstamp	2754.77 Poloniex	2691.820063	2.311535693	62.94993667	1.60866401
BTC	Bitstamp	2757.08 Poloniex	2697.912997	2.169278777	59.1670027	0.656
BTC	Bitstamp	2749.69 Poloniex	2697.912997	1.900909546	51.7770027	1.67628119
BTC	Bitstamp	2761.87 Poloniex	2707.002	2.006556393	54.86800037	0.53892403
BTC	Bitstamp	2755.1 Poloniex	2702	1.946088581	53.09999999	0.51757075
BTC	Bitstamp	2337.97 Poloniex	2442.124175	4.357829408	104.1541749	0.88064363
BTC	Bitstamp	2340 Poloniex	2446	4.429586293	106	0.76993866
BTC	Bitstamp	2350.25 Poloniex	2446	3.992702631	95.74999998	0.83557961
BTC	Bitstamp	2346.07 Poloniex	2448.362724	4.267146079	102.292724	0.55034143
BTC	Bitstamp	2365.02 Poloniex	2442.156331	3.209215785	77.13633081	0.97051748
BTC	Bitstamp	2355.42 Poloniex	2445.89989	3.768959039	90.47989	1.31838963
BTC	Bitstamp	2361.61 Poloniex	2446	3.510684103	84.39	0.67904899
BTC	Bitstamp	2354.04 Poloniex	2446	3.831634736	91.96	2
BTC	Bitstamp	2355.66 Poloniex	2447	3.803725435	91.34	0.57698786
BTC	Bitstamp	2347.47 Poloniex	2392	1.879113067	44.53000005	0.748
BTC	Bitstamp	2368.99 Poloniex	2411.707181	1.787069085	42.71718067	2
BTC	Bitstamp	2372.24 Poloniex	2425.915207	2.237326836	53.67520704	0.9
BTC	Bitstamp	2400 Poloniex	2363.405266	1.536494674	36.5947341	0.96528707
BTC	Bitstamp	2403.72 Poloniex	2323.249056	3.404758651	80.47094393	0.50378381
BTC	Bitstamp	2411.99 Poloniex	2326.079437	3.626395259	85.91056271	0.65396167
BTC	Bitstamp	2423.32 Poloniex	2345.507437	3.263383481	77.8125634	1.77

BTC	Bitstamp	2424 Poloniex	2330	3.954564577	94	1.5
BTC	Bitstamp	2420.33 Poloniex	2330	3.803104204	90.32999996	0.68042967
BTC	Bitstamp	2410.29 Poloniex	2318.1	3.899424538	92.18999996	0.57112328
BTC	Bitstamp	2314 Poloniex	2279.203114	1.515146829	34.79688567	0.94482209
BTC	Bitstamp	2213.02 Poloniex	2260	2.100594229	46.97999999	0.82610708
BTC	Bitstamp	2257 Poloniex	2211.0001	2.059082317	45.9999	1.19235744
BTC	Bitstamp	2251.05 Poloniex	2205	2.06685293	46.05	0.68218147
BTC	Bitstamp	2282 Poloniex	2328	1.995661603	45.99999994	1.12773699
BTC	Bitstamp	2313.79 Poloniex	2349	1.51025459	35.21	1.13403293
BTC	Bitstamp	2304.01 Poloniex	2349	1.933801991	44.99000001	0.51117427
BTC	Bitstamp	2297.09 Poloniex	2374	3.293021541	76.90999996	1.09177164
BTC	Bitstamp	2298.9 Poloniex	2367	2.919050987	68.1	1.22218649
BTC	Bitstamp	2302.99 Poloniex	2361.244701	2.497931819	58.25470135	0.51567639
BTC	Bitstamp	2309.99 Poloniex	2371.11855	2.611712561	61.12855	0.53860312
BTC	Bitstamp	2311.27 Poloniex	2371.11855	2.55632566	59.84855001	1.00337477
BTC	Bitstamp	2310.01 Poloniex	2383	3.110583612	72.98999999	0.594179
BTC	Bitstamp	2251.22 Poloniex	2354.78071	4.496773507	103.5607098	0.593168
BTC	Bitstamp	2295.5 Poloniex	2351.799886	2.42290739	56.29988618	0.53932912
BTC	Bitstamp	2394.56 Poloniex	2329.43174	2.757340139	65.1282602	0.913
BTC	Bitstamp	2392.77 Poloniex	2320	3.088205026	72.77000001	0.77630455
BTC	Bitstamp	2366.81 Poloniex	2314	2.256447068	52.81	0.98331357
BTC	Bitstamp	2366.85 Poloniex	2316.1001	2.167432875	50.7499	1.77
BTC	Bitstamp	2360 Poloniex	2302.732034	2.456412507	57.26796641	1.02776716
BTC	Bitstamp	2359.05 Poloniex	2280	3.40802535	79.04999999	1.74
BTC	Bitstamp	2376.09 Poloniex	2280	4.127497535	96.09	0.53314383
BTC	Bitstamp	2370.63 Poloniex	2270.727913	4.304864592	99.90208671	0.71929164
BTC	Bitstamp	2339.94 Poloniex	2250	3.919005477	89.94	1.00189321
BTC	Bitstamp	2316 Poloniex	2260	2.447552448	56	2.07540394
BTC	Bitstamp	2312 Poloniex	2258	2.363238512	54.00000001	0.999701
BTC	Bitstamp	2328.02 Poloniex	2230.734	4.268096063	97.286	0.53
BTC	Bitstamp	2320.32 Poloniex	2225	4.194204148	95.32	2
BTC	Bitstamp	2317.59 Poloniex	2225	4.076529029	92.59	1.35686399
BTC	Bitstamp	2353.24 Poloniex	2287	2.85502474	66.24	0.87184241
BTC	Bitstamp	2362.78 Poloniex	2275.480758	3.764309364	87.29924203	1.0783281
BTC	Bitstamp	2350 Poloniex	2277	3.155392263	73	0.65838246
BTC	Bitstamp	2405.46 Poloniex	2344	2.588083699	61.46000002	1.5
BTC	Bitstamp	2350.03 Poloniex	2392	1.770127983	41.97	1.77
BTC	Bitstamp	2301.27 Poloniex	2350	2.095341701	48.72999996	1.77
BTC	Bitstamp	2303.03 Poloniex	2350	2.018899511	46.96999996	0.97809851
BTC	Bitstamp	2363 Poloniex	2316	2.008976277	46.99999999	1
BTC	Bitstamp	2445.99 Poloniex	2344	4.258464006	101.99	0.98105434
BTC	Bitstamp	2430 Poloniex	2364.42	2.735680227	65.57999998	1.384
BTC	Bitstamp	2401 Poloniex	2351.78071	2.071178673	49.21929021	0.68033554
BTC	Bitstamp	2454.41 Poloniex	2377.99	3.162817648	76.42000002	0.692
BTC	Bitstamp	2444.29 Poloniex	2378.933033	2.710095151	65.35696678	1.20667622
BTC	Bitstamp	2418.17 Poloniex	2368.804379	2.062497828	49.3656213	0.8
BTC	Bitstamp	2416 Poloniex	2365.180394	2.125818408	50.81960646	0.62307787
BTC	Bitstamp	2419.98 Poloniex	2373.927464	1.921294324	46.05253601	0.91152928
BTC	Bitstamp	2440.87 Poloniex	2377.919649	2.612703839	62.95035108	0.922105
BTC	Bitstamp	2350.01 Poloniex	2425.329229	3.154508015	75.31922936	0.60045407

BTC	Bitstamp	2350.53 Poloniex	2431.313015	3.378739719	80.78301462	0.95097701
BTC	Bitstamp	2316.83 Poloniex	2409	3.900690461	92.17000001	0.692
BTC	Bitstamp	2316.82 Poloniex	2410	3.94260835	93.18	0.76852225
BTC	Bitstamp	2363.77 Poloniex	2425.686407	2.585529616	61.91640692	0.51255089
BTC	Bitstamp	2332.53 Poloniex	2439.511794	4.483690575	106.9817941	0.78570255
BTC	Bitstamp	2398.9 Poloniex	2459	2.47432018	60.1	1.17318407
BTC	Bitstamp	2407.5 Poloniex	2455.700963	1.982273147	48.2009634	1
BTC	Bitstamp	2393.05 Poloniex	2457	2.637086216	63.95000001	1.39327914
BTC	Bitstamp	2441.5 Poloniex	2337.071357	4.370705582	104.4286425	0.692
BTC	Bitstamp	2441.07 Poloniex	2335.341496	4.427110362	105.7285041	0.58849199
BTC	Bitstamp	2448.84 Poloniex	2343.865233	4.380606005	104.9747666	0.57681928
BTC	Bitstamp	2430 Poloniex	2325	4.416403785	105	1.77
BTC	Bitstamp	2422.93 Poloniex	2323	4.21118727	99.93	1.24463609
BTC	Bitstamp	2422.53 Poloniex	2350	3.039478013	72.53	0.517
BTC	Bitstamp	2330.5 Poloniex	2253	3.381695211	77.5	1
BTC	Bitstamp	2333.27 Poloniex	2250	3.63365021	83.27	1.33333333
BTC	Bitstamp	2354.01 Poloniex	2255	4.296367333	99.01	0.58487344
BTC	Bitstamp	2360.08 Poloniex	2282	3.364009237	78.08	1
BTC	Bitstamp	2325.95 Poloniex	2276	2.170818892	49.95	0.657
BTC	Bitstamp	2364.99 Poloniex	2277	3.791046512	87.99	0.81
BTC	Bitstamp	2350.37 Poloniex	2280	3.039497924	70.37000001	1.5
BTC	Bitstamp	2375.01 Poloniex	2293.079497	3.510237018	81.93050279	0.88156161
BTC	Bitstamp	2469.87 Poloniex	2365.7	4.308488964	104.1699999	0.69040528
BTC	Bitstamp	2339.43 Poloniex	2392	2.222161164	52.56999999	1.77
BTC	Bitstamp	2345.2 Poloniex	2385	1.68280411	39.8	0.962
BTC	Bitstamp	2345.24 Poloniex	2390	1.890506077	44.75999999	0.692
BTC	Bitstamp	2322.61 Poloniex	2390	2.859986291	67.38999998	0.8191
BTC	Bitstamp	2267.42 Poloniex	2352	3.661931585	84.58000001	0.56
BTC	Bitstamp	2263.27 Poloniex	2364	4.353755021	100.73	1.20935624
BTC	Bitstamp	2255.05 Poloniex	2340	3.697457047	84.95000003	1
BTC	Bitstamp	2255 Poloniex	2340	3.699673558	85	2.12498801
BTC	Bitstamp	2215.65 Poloniex	2313	4.299294492	97.35	0.74460064
BTC	Bitstamp	2215 Poloniex	2313	4.328621908	98	0.61800363
BTC	Bitstamp	2225.75 Poloniex	2325.216638	4.371231249	99.46663791	0.728
BTC	Bitstamp	2209.99 Poloniex	2308	4.338655024	98.01000005	1.09800035
BTC	Bitstamp	2215.22 Poloniex	2301.009876	3.799181103	85.789876	1.01885995
BTC	Bitstamp	2215 Poloniex	2316.215905	4.467494245	101.2159049	1.087353
BTC	Bitstamp	2160 Poloniex	2257.682365	4.422335362	97.6823647	0.54039047
BTC	Bitstamp	2171.22 Poloniex	2265	4.227923773	93.78	1.77
BTC	Bitstamp	2177.71 Poloniex	2270	4.150000787	92.29	1.568037
BTC	Bitstamp	2349.09 Poloniex	2275	3.204522403	74.09	1.00468026
BTC	Bitstamp	2319.8 Poloniex	2274.238149	1.98352078	45.56185066	1.19607119
BTC	Bitstamp	2319.79 Poloniex	2270.796585	2.134516556	48.99341534	0.75052582
BTC	Bitstamp	2298.67 Poloniex	2250	2.139966188	48.67	1.756
BTC	Bitstamp	2327.26 Poloniex	2250	3.37581872	77.25999998	1.531
BTC	Bitstamp	2343.5 Poloniex	2250	4.070969849	93.5	1.79230985
BTC	Bitstamp	2328.62 Poloniex	2262.883559	2.863394984	65.73644129	0.692
BTC	Bitstamp	2324.99 Poloniex	2254	3.100683774	70.98999997	0.54992752
BTC	Bitstamp	2310 Poloniex	2254.004	2.453810294	55.99599999	0.78850522
BTC	Bitstamp	2310.38 Poloniex	2253.811549	2.478793892	56.56845068	0.527702

BTC	Bitstamp	2304.57 Poloniex	2246	2.574183014	58.57	1.73208613
BTC	Bitstamp	2297 Poloniex	2240	2.51267357	56.99999994	1.08948033
BTC	Bitstamp	2309.87 Poloniex	2240.0007	3.0712653	69.8693	1
BTC	Bitstamp	2300.17 Poloniex	2344	1.887527804	43.83000001	0.95576684
BTC	Bitstamp	2325 Poloniex	2370.5	1.938025768	45.49999996	1.09913302
BTC	Bitstamp	2314.37 Poloniex	2390	3.215308315	75.62999989	1.2
BTC	Bitstamp	2300 Poloniex	2344.2344	1.904916777	44.23440012	0.75448126
BTC	Bitstamp	2299 Poloniex	2344.2344	1.948400455	45.23440009	0.713
BTC	Bitstamp	2296.32 Poloniex	2344.2344	2.06502913	47.91440008	0.60902547
BTC	Bitstamp	2279.97 Poloniex	2344.999	2.812083712	65.02899997	0.52012566
BTC	Bitstamp	2252.75 Poloniex	2344.999	4.012789737	92.249	1.24291747
BTC	Bitstamp	2255.86 Poloniex	2340	3.66155627	84.14	0.57011167
BTC	Bitstamp	2259.55 Poloniex	2343	3.626250666	83.45000002	0.52679
BTC	Bitstamp	2207.1 Poloniex	2306.8	4.417466049	99.7	0.65208657
BTC	Bitstamp	2321.91 Poloniex	2368	1.96549614	46.09	1.45991642
BTC	Bitstamp	2310.08 Poloniex	2375.180393	2.778944517	65.10039341	1.847
BTC	Bitstamp	2329.14 Poloniex	2373.387165	1.881846234	44.24716519	0.532638
BTC	Bitstamp	2325 Poloniex	2386.532418	2.611991694	61.53241771	1.77
BTC	Bitstamp	2297.38 Poloniex	2390.606007	3.977230596	93.22600689	0.6535
BTC	Bitstamp	2350.92 Poloniex	2450.064071	4.130156201	99.14407065	0.52391895
BTC	Bitstamp	2359.99 Poloniex	2452.235861	3.833812615	92.24586107	1.22185974
BTC	Bitstamp	2363.83 Poloniex	2456	3.82461622	92.16999998	1.43543678
BTC	Bitstamp	2342.38 Poloniex	2382.395516	1.693858911	40.01551555	1.312
BTC	Bitstamp	2318.74 Poloniex	2366.351693	2.032476475	47.61169324	1.01518497
BTC	Bitstamp	2296.5 Poloniex	2350	2.302808566	53.5	1.506
BTC	Bitstamp	2281.01 Poloniex	2356	3.234411831	74.99000002	1.655
BTC	Bitstamp	2291.81 Poloniex	2244	2.108112994	47.81	0.77930066
BTC	Bitstamp	2336.68 Poloniex	2260.23	3.326147346	76.44999998	0.54082312
BTC	Bitstamp	2350 Poloniex	2265	3.683640303	85	0.58145695
BTC	Bitstamp	2249 Poloniex	2181.000001	3.069977381	67.99999901	1.5241532
BTC	Bitstamp	2240.1 Poloniex	2189	2.30746653	51.10000004	0.863709
BTC	Bitstamp	2231 Poloniex	2188	1.946141661	43	0.96911281
BTC	Bitstamp	2276 Poloniex	2240	1.594331264	35.99999995	1
BTC	Bitstamp	2275 Poloniex	2236	1.729106627	38.99999997	0.51931823
BTC	Bitstamp	2270.78 Poloniex	2235	1.58818229	35.78	1.36858134
BTC	Bitstamp	2309.05 Poloniex	2250.78499	2.555575374	58.26501006	0.692
BTC	Bitstamp	2310.01 Poloniex	2226	3.704136453	84.00999996	1.4967572
BTC	Bitstamp	2230 Poloniex	2181	2.221718431	49	0.85017755
BTC	Bitstamp	2233.9 Poloniex	2180.000001	2.44228456	53.89999911	0.625256
BTC	Bitstamp	2249.99 Poloniex	2181	3.113976784	68.98999996	0.98397413
BTC	Bitstamp	2251.03 Poloniex	2194	2.566011932	57.03000009	0.515123
BTC	Bitstamp	2278.53 Poloniex	2181.000001	4.374003498	97.52999912	1.99882244
BTC	Bitstamp	2277.1 Poloniex	2192	3.808373051	85.1	0.9491043
BTC	Bitstamp	2310.01 Poloniex	2213	4.289621292	97.01	0.7965627
BTC	Bitstamp	2319 Poloniex	2230.135093	3.906892409	88.86490682	0.739047
BTC	Bitstamp	2319 Poloniex	2230.135093	3.906892409	88.86490681	1.07579967
BTC	Bitstamp	2304.89 Poloniex	2235.1	3.074456111	69.79	1.00926939
BTC	Bitstamp	2304.67 Poloniex	2235.1	3.06491298	69.56999999	2.32043451
BTC	Bitstamp	2304.67 Poloniex	2230.135093	3.287237502	74.53490683	1.94493248
BTC	Bitstamp	2177.5 Poloniex	2232.439922	2.491640376	54.93992182	0.72222059

BTC	Bitstamp	2246.71 Poloniex	2204	1.919244345	42.71	1.37160602
BTC	Bitstamp	2248.98 Poloniex	2202	2.110995781	46.98	0.73754287
BTC	Bitstamp	2249.32 Poloniex	2201.681745	2.140563326	47.63825549	0.76
BTC	Bitstamp	2276 Poloniex	2201.681745	3.319496995	74.31825548	0.97826038
BTC	Bitstamp	2241.18 Poloniex	2182.2182	2.66590514	58.96179999	0.79645832
BTC	Bitstamp	2238.76 Poloniex	2165	3.349864661	73.75999999	1.05747995
BTC	Bitstamp	2286.3 Poloniex	2247.777778	1.699230765	38.52222226	0.77767044
BTC	Bitstamp	2299.25 Poloniex	2260.99	1.677981859	38.25999997	1.12377083
BTC	Bitstamp	2296.66 Poloniex	2261	1.564838097	35.66	0.87625633
BTC	Bitstamp	2302.04 Poloniex	2255	2.064498004	47.03999993	1.23285112
BTC	Bitstamp	2218 Poloniex	2270.77526	2.351432497	52.7752601	0.89653313
BTC	Bitstamp	2200.93 Poloniex	2261	2.692556808	60.07	0.74947845
BTC	Bitstamp	2195.05 Poloniex	2261	2.960020646	65.95	1
BTC	Bitstamp	2299.39 Poloniex	2210	3.964616057	89.39	1.687
BTC	Bitstamp	2292.03 Poloniex	2201	4.052053959	91.03	1.05885249
BTC	Bitstamp	2292.01 Poloniex	2200	4.096607087	92.01	2.07930148
BTC	Bitstamp	2426.93 Poloniex	2348.1	3.301759361	78.83	0.74156
BTC	Bitstamp	2426.86 Poloniex	2335.057	3.855716091	91.803	0.90982
BTC	Bitstamp	2420.46 Poloniex	2343.531971	3.229561669	76.9280293	0.54097081
BTC	Bitstamp	2447.07 Poloniex	2351.234086	3.99457443	95.83591404	1.81659425
BTC	Bitstamp	2469 Poloniex	2361.080493	4.468642162	107.9195067	0.88711247
BTC	Bitstamp	2433.58 Poloniex	2374.983925	2.437154869	58.59607492	1.02483173
BTC	Bitstamp	2487 Poloniex	2380	4.396959112	107	1

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
BTC	Kraken	2616.352	Bitstamp	2559.99	2.177676823	56.362	0.78378
BTC	Kraken	2619.815	Bitstamp	2550	2.700870341	69.815	0.77544785
BTC	Kraken	2622.997	Bitstamp	2549	2.861447909	73.997	0.69584347
BTC	Kraken	2621	Bitstamp	2557.02	2.471214866	63.98	0.656
BTC	Kraken	2621	Bitstamp	2566.08	2.117569037	54.92	0.69764076
BTC	Kraken	2578.101	Bitstamp	2622.99	1.726137843	44.889	0.883
BTC	Kraken	2570	Bitstamp	2619.67	1.914187222	49.67	0.656
BTC	Kraken	2644.967	Bitstamp	2594.27	1.935281798	50.697	0.5454512
BTC	Kraken	2620.03	Bitstamp	2552.18	2.623636705	67.85	0.71
BTC	Kraken	2626.258	Bitstamp	2552.18	2.861017164	74.078	0.91848145
BTC	Kraken	2560.002	Bitstamp	2518	1.654272684	42.002	1
BTC	Kraken	2585.894	Bitstamp	2635.21	1.889102381	49.316	0.656
BTC	Kraken	2595.168	Bitstamp	2640.81	1.743399227	45.642	0.646
BTC	Kraken	2648.632	Bitstamp	2600.22	1.844670035	48.412	0.56818329
BTC	Kraken	2636.197	Bitstamp	2565.16	2.731479497	71.037	0.54763103
BTC	Kraken	2629.067	Bitstamp	2565	2.466930057	64.067	0.5786
BTC	Kraken	2636.197	Bitstamp	2580	2.154711565	56.197	0.53798026
BTC	Kraken	2636.197	Bitstamp	2535.13	3.908745279	101.067	0.83828864
BTC	Kraken	2628.632	Bitstamp	2563.49	2.509263072	65.142	0.656
BTC	Kraken	2636.994	Bitstamp	2581.15	2.140377881	55.844	0.55615331
BTC	Kraken	2637	Bitstamp	2585	1.99157411	52	0.9018
BTC	Kraken	2633.634	Bitstamp	2566.07	2.598763314	67.564	0.93205902
BTC	Kraken	2633.634	Bitstamp	2560.87	2.801576435	72.764	0.84894098
BTC	Kraken	2636.343	Bitstamp	2554.99	3.134185382	81.353	0.62325625
BTC	Kraken	2640.999	Bitstamp	2554	3.349336545	86.999	1
BTC	Kraken	2638.201	Bitstamp	2534.99	3.990225762	103.211	1.07529024
BTC	Kraken	2635	Bitstamp	2540	3.671497585	95	0.6446
BTC	Kraken	2625.031	Bitstamp	2538.99	3.332325721	86.041	0.8
BTC	Kraken	2607.53	Bitstamp	2523.74	3.26585816	83.79	1
BTC	Kraken	2598.002	Bitstamp	2524.28	2.878482676	73.722	0.83833954
BTC	Kraken	2596.319	Bitstamp	2544.65	2.010087981	51.669	0.958445
BTC	Kraken	2586.987	Bitstamp	2530	2.22736544	56.987	0.52876042
BTC	Kraken	2588.037	Bitstamp	2525.73	2.436833747	62.307	0.78823
BTC	Kraken	2595.159	Bitstamp	2520	2.93867698	75.159	0.59557255
BTC	Kraken	2506.001	Bitstamp	2556	1.975463853	49.999	1.35514749
BTC	Kraken	2515.128	Bitstamp	2561.09	1.810875735	45.962	1.2
BTC	Kraken	2530	Bitstamp	2574.98	1.762200831	44.98	2
BTC	Kraken	2525	Bitstamp	2574.85	1.95495946	49.85	2
BTC	Kraken	2538.754	Bitstamp	2582	1.689048136	43.246	0.58126905
BTC	Kraken	2757.831	Bitstamp	2678.72	2.910337823	79.111	0.656
BTC	Kraken	2765.39	Bitstamp	2674.03	3.359181677	91.36	1.09950719
BTC	Kraken	2774	Bitstamp	2670.57	3.799381769	103.43	0.76787619
BTC	Kraken	2762.948	Bitstamp	2679.23	3.076635862	83.718	1.4611488
BTC	Kraken	2751.32	Bitstamp	2681.2	2.581490726	70.12	0.77
BTC	Kraken	2763.23	Bitstamp	2681.2	3.013354933	82.03	1.299998
BTC	Kraken	2724.399	Bitstamp	2667.8	2.099291959	56.599	0.62681974
BTC	Kraken	2735	Bitstamp	2629.77	3.923001359	105.23	1.499
BTC	Kraken	2712.178	Bitstamp	2600	4.223427754	112.178	0.68511046
BTC	Kraken	2711.33	Bitstamp	2592.8	4.469347471	118.53	2

BTC	Kraken	2714.622 Bitstamp	2624.61	3.371720877	90.012	0.656
BTC	Kraken	2732.999 Bitstamp	2630	3.841097117	102.999	0.61565362
BTC	Kraken	2333.998 Bitstamp	2390.01	2.37137617	56.012	0.62306851
BTC	Kraken	2334 Bitstamp	2392.88	2.491283891	58.88	0.88155
BTC	Kraken	2335.591 Bitstamp	2439.99	4.372200995	104.399	0.69437349
BTC	Kraken	2357.953 Bitstamp	2425	2.803581804	67.047	1.80842026
BTC	Kraken	2351.972 Bitstamp	2411.01	2.479035193	59.038	0.82875609
BTC	Kraken	2365.816 Bitstamp	2325	1.740251589	40.816	0.87522509
BTC	Kraken	2369.576 Bitstamp	2411.56	1.756235338	41.984	0.67496011
BTC	Kraken	2399.998 Bitstamp	2298.96	4.300442779	101.038	0.81437403
BTC	Kraken	2410.021 Bitstamp	2503	3.785003158	92.979	1.171
BTC	Kraken	2426.05 Bitstamp	2496.93	2.879556691	70.88	0.79898515
BTC	Kraken	2431.62 Bitstamp	2492.82	2.48556181	61.2	0.97229325
BTC	Kraken	2410.01 Bitstamp	2471.74	2.529011113	61.73	1
BTC	Kraken	2408.592 Bitstamp	2471.74	2.587856728	63.148	0.83
BTC	Kraken	2406.135 Bitstamp	2475.01	2.822083753	68.875	1.592
BTC	Kraken	2398 Bitstamp	2460	2.552490737	62	2
BTC	Kraken	2404.999 Bitstamp	2365	1.67710727	39.999	1.62972091
BTC	Kraken	2400 Bitstamp	2354.75	1.903359798	45.25	2.10105403
BTC	Kraken	2400 Bitstamp	2307	3.951561504	93	2
BTC	Kraken	2400 Bitstamp	2315.82	3.570110818	84.18	1
BTC	Kraken	2400 Bitstamp	2351	2.062723637	49	0.69047365
BTC	Kraken	2397.944 Bitstamp	2440	1.738589781	42.056	1.3351
BTC	Kraken	2405.11 Bitstamp	2346.71	2.458005564	58.4	1.384
BTC	Kraken	2388.28 Bitstamp	2352.49	1.509881306	35.79	2
BTC	Kraken	2392.56 Bitstamp	2347	1.922541333	45.56	1
BTC	Kraken	2392 Bitstamp	2334.02	2.453650217	57.98	2
BTC	Kraken	2392 Bitstamp	2323	2.926829268	69	0.95546275
BTC	Kraken	2392 Bitstamp	2348.21	1.847597469	43.79	1.384
BTC	Kraken	2392 Bitstamp	2348.23	1.846745833	43.77	1.105563
BTC	Kraken	2401.772 Bitstamp	2444.19	1.750653431	42.418	0.684
BTC	Kraken	2415.02 Bitstamp	2318.32	4.085909738	96.7	1.77
BTC	Kraken	2418.675 Bitstamp	2350.01	2.879829555	68.665	0.91083
BTC	Kraken	2435.647 Bitstamp	2331.86	4.35393173	103.787	0.87303437
BTC	Kraken	2411 Bitstamp	2336.64	3.132503728	74.36	1.93227791
BTC	Kraken	2288.22 Bitstamp	2340	2.237577298	51.78	0.692
BTC	Kraken	2288.22 Bitstamp	2329.16	1.77330001	40.94	1.02579149
BTC	Kraken	2297.314 Bitstamp	2253.98	1.904249649	43.334	1.491
BTC	Kraken	2219.196 Bitstamp	2180.03	1.780585949	39.166	1.4779723
BTC	Kraken	2225.725 Bitstamp	2180.04	2.073873663	45.685	1.57452398
BTC	Kraken	2266.981 Bitstamp	2167.83	4.47148706	99.151	0.6104528
BTC	Kraken	2265.56 Bitstamp	2167.3	4.43325528	98.26	0.6167885
BTC	Kraken	2265.56 Bitstamp	2169.04	4.353041988	96.52	0.85814628
BTC	Kraken	2280.31 Bitstamp	2215	2.905695047	65.31	0.79024997
BTC	Kraken	2276.576 Bitstamp	2323.5	2.040140206	46.924	0.66773391
BTC	Kraken	2242.262 Bitstamp	2207.32	1.570574494	34.942	0.57160447
BTC	Kraken	2241.121 Bitstamp	2171.98	3.133442901	69.141	1.5
BTC	Kraken	2241.12 Bitstamp	2165.27	3.442727493	75.85	0.59348
BTC	Kraken	2229.848 Bitstamp	2180	2.260758194	49.848	1.29466188
BTC	Kraken	2234.285 Bitstamp	2299.8	2.889888478	65.515	0.857

BTC	Kraken	2238.961 Bitstamp	2339	4.370460998	100.039	2
BTC	Kraken	2245.999 Bitstamp	2343	4.227545048	97.001	0.57441983
BTC	Kraken	2230.833 Bitstamp	2268.85	1.689763479	38.017	1.17968094
BTC	Kraken	2287.996 Bitstamp	2250.36	1.658574162	37.636	1.1568042
BTC	Kraken	2316.523 Bitstamp	2406.15	3.795604735	89.627	0.56397387
BTC	Kraken	2316.54 Bitstamp	2406.15	3.794871143	89.61	1
BTC	Kraken	2316.525 Bitstamp	2415.92	4.20057708	99.395	0.52246184
BTC	Kraken	2400 Bitstamp	2455.55	2.288103304	55.55	1
BTC	Kraken	2394.09 Bitstamp	2455.86	2.547242755	61.77	0.85
BTC	Kraken	2419.841 Bitstamp	2461.4	1.702804676	41.559	1.579
BTC	Kraken	2431.124 Bitstamp	2355.08	3.177633047	76.044	0.644
BTC	Kraken	2426.97 Bitstamp	2355.31	2.996896878	71.66	1.41308408
BTC	Kraken	2428.121 Bitstamp	2344.15	3.51912119	83.971	0.52111748
BTC	Kraken	2414.803 Bitstamp	2367.84	1.963893186	46.963	0.75773729
BTC	Kraken	2407.03 Bitstamp	2448.84	1.722039511	41.81	0.692
BTC	Kraken	2395.509 Bitstamp	2467.17	2.947387644	71.661	0.56328727
BTC	Kraken	2398.219 Bitstamp	2465	2.746370254	66.781	0.799157
BTC	Kraken	2403.743 Bitstamp	2449	1.865213138	45.257	0.7
BTC	Kraken	2400.001 Bitstamp	2442.19	1.742558276	42.189	1.05770098
BTC	Kraken	2372.56 Bitstamp	2302.01	3.018459452	70.55	1
BTC	Kraken	2372.05 Bitstamp	2285.79	3.703862735	86.26	1.5818723
BTC	Kraken	2372.05 Bitstamp	2285.99	3.695116401	86.06	1.0174
BTC	Kraken	2360 Bitstamp	2414.21	2.270951634	54.21	0.692
BTC	Kraken	2360 Bitstamp	2435.17	3.135238167	75.17	0.76358958
BTC	Kraken	2362.994 Bitstamp	2406.18	1.811047364	43.186	1.84375465
BTC	Kraken	2368.074 Bitstamp	2419.98	2.168145973	51.906	0.692
BTC	Kraken	2374.075 Bitstamp	2415	1.709098312	40.925	0.8
BTC	Kraken	2372.17 Bitstamp	2444.82	3.016406511	72.65	0.64955391
BTC	Kraken	2361.414 Bitstamp	2440.25	3.283694986	78.836	1
BTC	Kraken	2368.41 Bitstamp	2455.71	3.619312952	87.3	0.56349038
BTC	Kraken	2368.393 Bitstamp	2447.33	3.278303175	78.937	0.692
BTC	Kraken	2366.643 Bitstamp	2447.33	3.35219994	80.687	1.384
BTC	Kraken	2366.64 Bitstamp	2434.97	2.846128694	68.33	1
BTC	Kraken	2400 Bitstamp	2299	4.298786976	101	1
BTC	Kraken	2375 Bitstamp	2313.67	2.61609369	61.33	0.8604
BTC	Kraken	2374.92 Bitstamp	2290.66	3.611983933	84.26	1
BTC	Kraken	2379.72 Bitstamp	2290.65	3.814258827	89.07	0.68562934
BTC	Kraken	2363.564 Bitstamp	2316.06	2.030248584	47.504	2
BTC	Kraken	2350.02 Bitstamp	2437.36	3.648759864	87.34	1.03997965
BTC	Kraken	2317.572 Bitstamp	2379.11	2.620488251	61.538	0.76773729
BTC	Kraken	2329.96 Bitstamp	2248.64	3.552177522	81.32	0.579111
BTC	Kraken	2507.578 Bitstamp	2453	2.200469381	54.578	1
BTC	Kraken	2504.125 Bitstamp	2453.01	2.062279926	51.115	1
BTC	Kraken	2491.8 Bitstamp	2450	1.691691287	41.8	0.690284
BTC	Kraken	2478.01 Bitstamp	2432	1.874130603	46.01	0.57751579
BTC	Kraken	2479.182 Bitstamp	2425.84	2.174995342	53.342	1
BTC	Kraken	2471.089 Bitstamp	2422.62	1.980869725	48.469	0.739
BTC	Kraken	2455.689 Bitstamp	2499	1.748283293	43.311	1
BTC	Kraken	2441.001 Bitstamp	2514.49	2.965962404	73.489	0.84912487
BTC	Kraken	2408 Bitstamp	2503.79	3.900411052	95.79	0.962808

BTC	Kraken	2383.082 Bitstamp	2451.61	2.834844495	68.528	0.98124905
BTC	Kraken	2381.56 Bitstamp	2479.6	4.033605148	98.04	0.565481
BTC	Kraken	2449.396 Bitstamp	2491	1.684237458	41.604	0.942161
BTC	Kraken	2449.997 Bitstamp	2518.99	2.776944275	68.993	0.86649671
BTC	Kraken	2426 Bitstamp	2479	2.161060143	53	0.61889477
BTC	Kraken	2393.05 Bitstamp	2458.09	2.681431581	65.04	0.65714363
BTC	Kraken	2434 Bitstamp	2495.32	2.487969943	61.32	1.09132753
BTC	Kraken	2444.024 Bitstamp	2494.91	2.060606601	50.886	0.79051718
BTC	Kraken	2393.249 Bitstamp	2477	3.43929027	83.751	0.53053051
BTC	Kraken	2364.985 Bitstamp	2437.24	3.009230096	72.255	0.93189093
BTC	Kraken	2368.439 Bitstamp	2439.33	2.949018557	70.891	1.06391393
BTC	Kraken	2368.439 Bitstamp	2439.33	2.949018557	70.891	0.64729
BTC	Kraken	2384.899 Bitstamp	2482	3.990261561	97.101	0.99267357
BTC	Kraken	2391.03 Bitstamp	2454.99	2.639691953	63.96	1
BTC	Kraken	2384.471 Bitstamp	2432.9	2.010598727	48.429	0.73326071
BTC	Kraken	2396.544 Bitstamp	2455.27	2.420785298	58.726	0.75445656
BTC	Kraken	2457.269 Bitstamp	2495	1.523786369	37.731	0.64781328
BTC	Kraken	2422.146 Bitstamp	2484.68	2.548857449	62.534	1.04975666
BTC	Kraken	2435 Bitstamp	2502.03	2.715397719	67.03	0.63506763
BTC	Kraken	2442.49 Bitstamp	2503.71	2.475435688	61.22	0.98956542
BTC	Kraken	2492.02 Bitstamp	2443.29	1.974749307	48.73	1
BTC	Kraken	2441.003 Bitstamp	2503.64	2.533529721	62.637	0.77032422
BTC	Kraken	2441.003 Bitstamp	2505.65	2.613767329	64.647	0.58100817
BTC	Kraken	2441.003 Bitstamp	2505.01	2.588226113	64.007	0.95
BTC	Kraken	2452.122 Bitstamp	2516.91	2.60767087	64.788	0.51983892
BTC	Kraken	2452.116 Bitstamp	2520.12	2.735348845	68.004	1.739
BTC	Kraken	2351 Bitstamp	2431.88	3.38206269	80.88	0.99065
BTC	Kraken	2380.768 Bitstamp	2457.51	3.172285677	76.742	0.50751
BTC	Kraken	2438.236 Bitstamp	2486.51	1.960466591	48.274	0.91563036
BTC	Kraken	2448.967 Bitstamp	2495	1.862188805	46.033	1.5312
BTC	Kraken	2449.977 Bitstamp	2493.13	1.745986886	43.153	0.9696051
BTC	Kraken	2390 Bitstamp	2444.9	2.270988025	54.9	1.17381033
BTC	Kraken	2422.12 Bitstamp	2504.96	3.362640753	82.84	0.56374553
BTC	Kraken	2428.856 Bitstamp	2500.01	2.887236131	71.154	0.67727345
BTC	Kraken	2415.007 Bitstamp	2520.97	4.293496505	105.963	0.83921694
BTC	Kraken	2422.395 Bitstamp	2505.14	3.358474369	82.745	1
BTC	Kraken	2423.62 Bitstamp	2494.5	2.882402219	70.88	1
BTC	Kraken	2364.75 Bitstamp	2434.05	2.888222056	69.3	0.98255536
BTC	Kraken	2348.002 Bitstamp	2454.64	4.440805707	106.638	0.93482784
BTC	Kraken	2459.024 Bitstamp	2420	1.599664195	39.024	0.75
BTC	Kraken	2459.02 Bitstamp	2418.01	1.681761236	41.01	0.74
BTC	Kraken	2403.78 Bitstamp	2483.54	3.263956524	79.76	1
BTC	Kraken	2413.101 Bitstamp	2481.03	2.775937138	67.929	1
BTC	Kraken	2415.002 Bitstamp	2495.99	3.29823384	80.988	1.38781247
BTC	Kraken	2415 Bitstamp	2502.34	3.552327071	87.34	1.77
BTC	Kraken	2415 Bitstamp	2506.84	3.731937649	91.84	1.499
BTC	Kraken	2441.104 Bitstamp	2515	2.982019748	73.896	0.72788926
BTC	Kraken	2497.602 Bitstamp	2589.96	3.63073708	92.358	1
BTC	Kraken	2414.984 Bitstamp	2494.76	3.249701003	79.776	0.59921957
BTC	Kraken	2406.89 Bitstamp	2480	2.992086992	73.11	0.50268813

BTC	Kraken	2405 Bitstamp	2470	2.666666667	65	0.7068607
BTC	Kraken	2410.414 Bitstamp	2474.79	2.635550122	64.376	1.0977
BTC	Kraken	2406.003 Bitstamp	2445.66	1.634779662	39.657	0.59231309
BTC	Kraken	2411.307 Bitstamp	2451.15	1.638801125	39.843	0.63
BTC	Kraken	2454.941 Bitstamp	2415	1.640307347	39.941	1.5
BTC	Kraken	2450 Bitstamp	2411	1.604608105	39	0.50059989
BTC	Kraken	2380 Bitstamp	2460.01	3.306191516	80.01	0.584
BTC	Kraken	2345.999 Bitstamp	2400	2.275643126	54.001	1
BTC	Kraken	2345.999 Bitstamp	2400	2.275643126	54.001	0.82380366
BTC	Kraken	2344.881 Bitstamp	2400	2.323303788	55.119	0.92579874
BTC	Kraken	2304 Bitstamp	2390	3.664252237	86	0.99562275
BTC	Kraken	2302.063 Bitstamp	2406.64	4.441860105	104.577	1
BTC	Kraken	2295.806 Bitstamp	2401.06	4.481882174	105.254	0.692
BTC	Kraken	2303.196 Bitstamp	2363.46	2.582748761	60.264	1.30915001
BTC	Kraken	2301.97 Bitstamp	2381.83	3.410051667	79.86	1
BTC	Kraken	2335.06 Bitstamp	2392.01	2.409526409	56.95	1.22285824
BTC	Kraken	2401.661 Bitstamp	2356	1.919472615	45.661	0.95319501
BTC	Kraken	2200.005 Bitstamp	2275.56	3.376333491	75.555	1.24835733
BTC	Kraken	2250 Bitstamp	2213.99	1.613354869	36.01	0.6669795
BTC	Kraken	2178.01 Bitstamp	2234.8	2.573870164	56.79	0.62537982
BTC	Kraken	2220.268 Bitstamp	2297.76	3.43034616	77.492	1.17607919
BTC	Kraken	2202.365 Bitstamp	2297.76	4.239660009	95.395	1.4338
BTC	Kraken	2202.337 Bitstamp	2303.09	4.472517255	100.753	0.57085474
BTC	Kraken	2259.492 Bitstamp	2351.15	3.975932202	91.658	1.53110791
BTC	Kraken	2261.342 Bitstamp	2356.54	4.123015703	95.198	0.97496051
BTC	Kraken	2261.342 Bitstamp	2359.99	4.269245317	98.648	1.666
BTC	Kraken	2250 Bitstamp	2351.26	4.401403094	101.26	1
BTC	Kraken	2268.872 Bitstamp	2352.55	3.621309632	83.678	0.692
BTC	Kraken	2279.77 Bitstamp	2355	3.246331533	75.23	1.80682092
BTC	Kraken	2285 Bitstamp	2344	2.549146684	59	1
BTC	Kraken	2289.011 Bitstamp	2365	3.265527305	75.989	1.18522647
BTC	Kraken	2285 Bitstamp	2370.98	3.693314834	85.98	0.54317204
BTC	Kraken	2376.978 Bitstamp	2334.02	1.823732466	42.958	0.69011572
BTC	Kraken	2405.878 Bitstamp	2455.27	2.032112579	49.392	0.692
BTC	Kraken	2405.146 Bitstamp	2445.45	1.661816404	40.304	0.50574019
BTC	Kraken	2413.692 Bitstamp	2488	3.031932647	74.308	1.2
BTC	Kraken	2425.453 Bitstamp	2340	3.5863537	85.453	0.66918041
BTC	Kraken	2425.112 Bitstamp	2349	3.188530139	76.112	1.4
BTC	Kraken	2432.878 Bitstamp	2504.16	2.887642347	71.282	1.99030696
BTC	Kraken	2432.89 Bitstamp	2502.96	2.839227286	70.07	0.61701285
BTC	Kraken	2432.89 Bitstamp	2508.3	3.052301166	75.41	1.15422812
BTC	Kraken	2434.693 Bitstamp	2508.3	2.978236061	73.607	1
BTC	Kraken	2435 Bitstamp	2510.93	3.070403342	75.93	0.81101957
BTC	Kraken	2435.74 Bitstamp	2496.49	2.463388771	60.75	1.10676261
BTC	Kraken	2428.049 Bitstamp	2502.99	3.03956225	74.941	0.59870313
BTC	Kraken	2433.411 Bitstamp	2495.83	2.532600861	62.419	0.692
BTC	Kraken	2437.222 Bitstamp	2496.56	2.405375835	59.338	0.692
BTC	Kraken	2459.835 Bitstamp	2411.62	1.979490727	48.215	0.62111031
BTC	Kraken	2459.742 Bitstamp	2365	3.927339534	94.742	0.99117548
BTC	Kraken	2462.808 Bitstamp	2399.99	2.583615441	62.818	0.85421905

BTC	Kraken	2481.335 Bitstamp	2376.7	4.307708775	104.635	0.53363537
BTC	Kraken	2360.513 Bitstamp	2314.44	1.971057249	46.073	0.60544483
BTC	Kraken	2369.041 Bitstamp	2322	2.005567634	47.041	1.99570804
BTC	Kraken	2404.733 Bitstamp	2471.07	2.72106974	66.337	0.61938922
BTC	Kraken	2419.969 Bitstamp	2375	1.875674274	44.969	1
BTC	Kraken	2421.182 Bitstamp	2373.06	2.007491487	48.122	0.91083
BTC	Kraken	2430.217 Bitstamp	2340.01	3.782084165	90.207	0.5233403
BTC	Kraken	2432.859 Bitstamp	2327.21	4.438969267	105.649	0.56792322
BTC	Kraken	2425.919 Bitstamp	2339.99	3.605985763	85.929	1.2496
BTC	Kraken	2438.006 Bitstamp	2338	4.187850685	100.006	1.32384236
BTC	Kraken	2437.891 Bitstamp	2343.45	3.950398016	94.441	0.58128
BTC	Kraken	2473.615 Bitstamp	2391.46	3.377337451	82.155	0.59127604
BTC	Kraken	2473.429 Bitstamp	2402.78	2.897701883	70.649	1.671
BTC	Kraken	2434.607 Bitstamp	2390	1.849145433	44.607	0.8619
BTC	Kraken	2434.609 Bitstamp	2357.8	3.205444277	76.809	0.6954875
BTC	Kraken	2450.511 Bitstamp	2352.7	4.072733844	97.811	0.7
BTC	Kraken	2450.501 Bitstamp	2352.7	4.072325934	97.801	0.692
BTC	Kraken	2457.226 Bitstamp	2364.87	3.830533444	92.356	1.6430644
BTC	Kraken	2452 Bitstamp	2405.01	1.934935279	46.99	1.43519263
BTC	Kraken	2487 Bitstamp	2442.3	1.813644939	44.7	0.50511404
BTC	Kraken	2501.467 Bitstamp	2421.93	3.230980561	79.537	2
BTC	Kraken	2496.81 Bitstamp	2405	3.745963226	91.81	0.68830706
BTC	Kraken	2483.601 Bitstamp	2431.29	2.128673861	52.311	0.87576728
BTC	Kraken	2481.894 Bitstamp	2405.89	3.109957396	76.004	0.73234344
BTC	Kraken	2497.478 Bitstamp	2399	4.022401408	98.478	1
BTC	Kraken	2504 Bitstamp	2399.22	4.273926114	104.78	1.002
BTC	Kraken	2436.09 Bitstamp	2367.84	2.841423584	68.25	0.54743755
BTC	Kraken	2455.714 Bitstamp	2411.07	1.834640699	44.644	2
BTC	Kraken	2473.177 Bitstamp	2390.83	3.385973746	82.347	0.94
BTC	Kraken	2424.09 Bitstamp	2376.96	1.963320524	47.13	0.90473676
BTC	Kraken	2473.001 Bitstamp	2407.54	2.682530482	65.461	0.61163217
BTC	Kraken	2464.26 Bitstamp	2408.95	2.269961688	55.31	0.849471
BTC	Kraken	2460.015 Bitstamp	2405.44	2.243366756	54.575	0.69671611
BTC	Kraken	2453.968 Bitstamp	2416.73	1.529062159	37.238	0.73581766
BTC	Kraken	2500.004 Bitstamp	2455	1.816507111	45.004	0.590485
BTC	Kraken	2484.505 Bitstamp	2446.07	1.559047373	38.435	0.53910502
BTC	Kraken	2461.501 Bitstamp	2499.39	1.527507861	37.889	0.7996
BTC	Kraken	2433.481 Bitstamp	2505	2.896396686	71.519	1
BTC	Kraken	2403.93 Bitstamp	2485	3.316472111	81.07	0.5325
BTC	Kraken	2453.22 Bitstamp	2499.96	1.887272419	46.74	1.9999998
BTC	Kraken	2455.789 Bitstamp	2514.59	2.366056995	58.801	0.66750993
BTC	Kraken	2494.97 Bitstamp	2452.76	1.706237002	42.21	0.55883054
BTC	Kraken	2488.129 Bitstamp	2446.78	1.675775582	41.349	1.002
BTC	Kraken	2492.939 Bitstamp	2439	2.187334434	53.939	0.71676312
BTC	Kraken	2416.99 Bitstamp	2491	3.015898565	74.01	2.16573004
BTC	Kraken	2424.161 Bitstamp	2530	4.272731548	105.839	1.4959
BTC	Kraken	2430.753 Bitstamp	2503.79	2.960233602	73.037	1.52782471
BTC	Kraken	2497.022 Bitstamp	2444.57	2.122878619	52.452	0.565
BTC	Kraken	2503.166 Bitstamp	2445	2.351012476	58.166	0.7
BTC	Kraken	2474.945 Bitstamp	2423.24	2.111190165	51.705	0.59681855

BTC	Kraken	2493.97 Bitstamp	2430	2.5983099	63.97	1.002
BTC	Kraken	2493.97 Bitstamp	2432	2.516052676	61.97	1.04283305
BTC	Kraken	2500 Bitstamp	2450.8	1.987557566	49.2	0.5430451
BTC	Kraken	2495.25 Bitstamp	2453.01	1.707266797	42.24	2
BTC	Kraken	2503.964 Bitstamp	2461.94	1.692501506	42.024	1.687
BTC	Kraken	2508.999 Bitstamp	2458.95	2.014875757	50.049	2
BTC	Kraken	2410 Bitstamp	2500	3.66598778	90	1
BTC	Kraken	2410 Bitstamp	2514.58	4.247265757	104.58	0.562525
BTC	Kraken	2470.234 Bitstamp	2524.21	2.161441794	53.976	1.23456445
BTC	Kraken	2471.191 Bitstamp	2512.19	1.645429077	40.999	0.739
BTC	Kraken	2482.199 Bitstamp	2435.01	1.919340829	47.189	0.69269233
BTC	Kraken	2494.107 Bitstamp	2439.77	2.202608618	54.337	1.16429086
BTC	Kraken	2424.195 Bitstamp	2490	2.678159902	65.805	0.748
BTC	Kraken	2421 Bitstamp	2491	2.850162866	70	0.9429
BTC	Kraken	2489.858 Bitstamp	2438	2.10468727	51.858	1
BTC	Kraken	2420 Bitstamp	2528.02	4.366190921	108.02	0.9532124
BTC	Kraken	2446.844 Bitstamp	2487	1.627777449	40.156	1
BTC	Kraken	2410 Bitstamp	2490	3.265306122	80	0.94141767
BTC	Kraken	2419.061 Bitstamp	2515.41	3.905139984	96.349	1.06745
BTC	Kraken	2485 Bitstamp	2422.99	2.526900014	62.01	0.81569647
BTC	Kraken	2482.048 Bitstamp	2404	3.194729155	78.048	0.94493381
BTC	Kraken	2468.51 Bitstamp	2429.99	1.572726345	38.52	0.8693
BTC	Kraken	2494 Bitstamp	2455.55	1.553676597	38.45	0.534907
BTC	Kraken	2444.412 Bitstamp	2501.41	2.304894919	56.998	0.55219043
BTC	Kraken	2440.891 Bitstamp	2497.59	2.296212135	56.699	1
BTC	Kraken	2470.234 Bitstamp	2508.19	1.524819903	37.956	1
BTC	Kraken	2499.36 Bitstamp	2426.84	2.944257237	72.52	1.002
BTC	Kraken	2497.963 Bitstamp	2460.01	1.530988571	37.953	0.85398461
BTC	Kraken	2545.712 Bitstamp	2493.59	2.068619821	52.122	0.786264
BTC	Kraken	2554.244 Bitstamp	2484.8	2.756237096	69.444	0.59613694
BTC	Kraken	2579.097 Bitstamp	2485.76	3.685671678	93.337	1.425247
BTC	Kraken	2554.99 Bitstamp	2492.54	2.474477616	62.45	0.7
BTC	Kraken	2559 Bitstamp	2602.25	1.675950593	43.25	0.537
BTC	Kraken	2571.022 Bitstamp	2500.06	2.798692666	70.962	0.56257378
BTC	Kraken	2526.974 Bitstamp	2575.27	1.893127808	48.296	1.02896647
BTC	Kraken	2602.04 Bitstamp	2499.99	4.000368481	102.05	0.53330359
BTC	Kraken	2597 Bitstamp	2526	2.771813391	71	0.73490625
BTC	Kraken	2607.354 Bitstamp	2560.05	1.830861299	47.304	0.6899813
BTC	Kraken	2648 Bitstamp	2570.91	2.954256732	77.09	0.50491929
BTC	Kraken	2650.001 Bitstamp	2566.02	3.220117404	83.981	0.515
BTC	Kraken	2651.364 Bitstamp	2567.57	3.211153849	83.794	1
BTC	Kraken	2557.182 Bitstamp	2610	2.044363833	52.818	0.80721946
BTC	Kraken	2555.032 Bitstamp	2598.93	1.703466188	43.898	0.68136476
BTC	Kraken	2623.68 Bitstamp	2526.59	3.770287771	97.09	0.55749077
BTC	Kraken	2524.99 Bitstamp	2620.01	3.693683188	95.02	0.767
BTC	Kraken	2570 Bitstamp	2522.96	1.84725582	47.04	1
BTC	Kraken	2603.606 Bitstamp	2540.75	2.443687801	62.856	0.8
BTC	Kraken	2492.461 Bitstamp	2530.98	1.533570316	38.519	0.9836
BTC	Kraken	2517.16 Bitstamp	2561.96	1.764085117	44.8	1.24577074
BTC	Kraken	2532.519 Bitstamp	2597	2.514114871	64.481	0.75

BTC	Kraken	2535.041 Bitstamp	2602.34	2.619973095	67.299	1
BTC	Kraken	2538.855 Bitstamp	2594.99	2.186859946	56.135	0.58937663
BTC	Kraken	2531.24526 Bitstamp	2620	3.445952795	88.75474	1.17621452
BTC	Kraken	2530.991 Bitstamp	2620	3.455995167	89.009	0.60367733
BTC	Kraken	2541.077 Bitstamp	2582.32	1.609986499	41.243	0.53406283
BTC	Kraken	2587 Bitstamp	2520	2.623849618	67	0.98720034
BTC	Kraken	2585 Bitstamp	2512.01	2.86403205	72.99	1.69314493
BTC	Kraken	2517.31 Bitstamp	2616.81	3.876029388	99.5	1.002
BTC	Kraken	2524.39 Bitstamp	2621.15	3.760926939	96.76	1.312
BTC	Kraken	2536.45 Bitstamp	2600	2.474471668	63.55	1.924
BTC	Kraken	2545 Bitstamp	2609.15	2.48925623	64.15	0.67703798
BTC	Kraken	2555.501 Bitstamp	2629.8	2.865754563	74.299	0.52552531
BTC	Kraken	2567.743 Bitstamp	2645.06	2.966427083	77.317	0.98117836
BTC	Kraken	2591.992 Bitstamp	2635.45	1.662687027	43.458	0.54311727
BTC	Kraken	2598.85 Bitstamp	2648.93	1.908616596	50.08	0.92275164
BTC	Kraken	2617.498 Bitstamp	2672.6	2.083212825	55.102	1.45942184
BTC	Kraken	2548.2 Bitstamp	2615	2.587542609	66.8	0.7869
BTC	Kraken	2548.2 Bitstamp	2622.99	2.892564381	74.79	1.77
BTC	Kraken	2548.2 Bitstamp	2618.22	2.710581021	70.02	0.68543
BTC	Kraken	2548.21 Bitstamp	2619.68	2.765925745	71.47	0.68543
BTC	Kraken	2546 Bitstamp	2614.54	2.656311161	68.54	1.002
BTC	Kraken	2585.859 Bitstamp	2526.97	2.303577921	58.889	0.9916789
BTC	Kraken	2602.001 Bitstamp	2526.61	2.940016312	75.391	1.48729006
BTC	Kraken	2620.568 Bitstamp	2506.96	4.431297108	113.608	0.8715332
BTC	Kraken	2600 Bitstamp	2526	2.887241514	74	1.86781027
BTC	Kraken	2613.109 Bitstamp	2533.52	3.092859423	79.589	0.88428747
BTC	Kraken	2597.001 Bitstamp	2537.58	2.314541342	59.421	0.656
BTC	Kraken	2598.571 Bitstamp	2528.87	2.718744106	69.701	0.75413544
BTC	Kraken	2599.001 Bitstamp	2529.87	2.695758969	69.131	1.3775781
BTC	Kraken	2612.014 Bitstamp	2525	3.3877268	87.014	1.48203327
BTC	Kraken	2605.7 Bitstamp	2542.49	2.455620325	63.21	0.97981391
BTC	Kraken	2605.579 Bitstamp	2543.91	2.395150276	61.669	0.95825323
BTC	Kraken	2610.019 Bitstamp	2544	2.561845426	66.019	0.5845692
BTC	Kraken	2613.068 Bitstamp	2549.74	2.453238625	63.328	0.59977107
BTC	Kraken	2648.997 Bitstamp	2569.99	3.027675677	79.007	1.388
BTC	Kraken	2647.14 Bitstamp	2570.14	2.951729637	77	0.78080791
BTC	Kraken	2647.14 Bitstamp	2561.41	3.291895057	85.73	0.781
BTC	Kraken	2648.632 Bitstamp	2554.9	3.602629906	93.732	0.65377146
BTC	Kraken	2623.935 Bitstamp	2565.19	2.264158215	58.745	0.97522002
BTC	Kraken	2628.542 Bitstamp	2556	2.798395692	72.542	0.50194625
BTC	Kraken	2636.197 Bitstamp	2555.99	3.089526629	80.207	0.61470286
BTC	Kraken	2629.068 Bitstamp	2556	2.818400839	73.068	0.67220731
BTC	Kraken	2636.197 Bitstamp	2556	3.089135485	80.197	0.70920628
BTC	Kraken	2633.206 Bitstamp	2574.99	2.235553347	58.216	0.7283294
BTC	Kraken	2641.411 Bitstamp	2560.01	3.129952373	81.401	0.88978
BTC	Kraken	2649 Bitstamp	2574.99	2.833466373	74.01	0.7088702
BTC	Kraken	2644.967 Bitstamp	2583	2.370596448	61.967	0.79688128
BTC	Kraken	2644.967 Bitstamp	2582.69	2.382597022	62.277	1.77
BTC	Kraken	2638.197 Bitstamp	2578.98	2.270078243	59.217	0.8
BTC	Kraken	2620.025 Bitstamp	2553.7	2.563916714	66.325	0.91669649

BTC	Kraken	2618 Bitstamp	2564.01	2.083747426	53.99	0.73938316
BTC	Kraken	2601 Bitstamp	2535	2.570093458	66	1.89804536
BTC	Kraken	2595.169 Bitstamp	2527.4	2.645898962	67.769	1.04869484
BTC	Kraken	2560 Bitstamp	2516.35	1.719739577	43.65	2.37
BTC	Kraken	2572.003 Bitstamp	2531	1.607014536	41.003	0.8692
BTC	Kraken	2626.186 Bitstamp	2732	3.949620263	105.814	1.94569748
BTC	Kraken	2625.568 Bitstamp	2729.04	3.864783379	103.472	2
BTC	Kraken	2626.679 Bitstamp	2732	3.93085684	105.321	0.58
BTC	Kraken	2625.568 Bitstamp	2740.99	4.301528093	115.422	1.25321644
BTC	Kraken	2625.569 Bitstamp	2741	4.301854686	115.431	0.98090039
BTC	Kraken	2621.99 Bitstamp	2740.33	4.413761208	118.34	1.87339124
BTC	Kraken	2640.709 Bitstamp	2760	4.41760517	119.291	1.573999
BTC	Kraken	2640.997 Bitstamp	2740.56	3.700155921	99.563	1.499
BTC	Kraken	2641.006 Bitstamp	2724.48	3.111516832	83.474	0.5281313
BTC	Kraken	2650.148 Bitstamp	2741.27	3.380261	91.122	0.81236923
BTC	Kraken	2645.006 Bitstamp	2727.41	3.067670113	82.404	0.656
BTC	Kraken	2645.005 Bitstamp	2727.41	3.067707912	82.405	1.312
BTC	Kraken	2640 Bitstamp	2731.26	3.398085365	91.26	0.843987
BTC	Kraken	2631.377 Bitstamp	2729.91	3.675721893	98.533	0.6087
BTC	Kraken	2549.781 Bitstamp	2651.22	3.900749106	101.439	0.82256981
BTC	Kraken	2550.005 Bitstamp	2651.22	3.891967758	101.215	0.66999942
BTC	Kraken	2547.936 Bitstamp	2655.54	4.135850727	107.604	0.81193165
BTC	Kraken	2544.999 Bitstamp	2657.9	4.339926645	112.901	1
BTC	Kraken	2536.998 Bitstamp	2626.11	3.451874336	89.112	0.9248
BTC	Kraken	2512.815 Bitstamp	2615.01	3.985900455	102.195	0.97658288
BTC	Kraken	2524.376 Bitstamp	2600	2.951539856	75.624	1
BTC	Kraken	2542 Bitstamp	2624.61	3.197841525	82.61	0.94272987
BTC	Kraken	2545.51 Bitstamp	2624.58	3.058747527	79.07	1.06497278
BTC	Kraken	2541 Bitstamp	2626.96	3.326651135	85.96	0.66999989
BTC	Kraken	2540.001 Bitstamp	2617	2.986192944	76.999	0.57670849
BTC	Kraken	2539 Bitstamp	2630	3.52099052	91	1.81114601
BTC	Kraken	2561.011 Bitstamp	2521.64	1.549230903	39.371	0.68558109
BTC	Kraken	2570 Bitstamp	2471.21	3.919297153	98.79	1.74084244
BTC	Kraken	2570 Bitstamp	2483.68	3.416124488	86.32	0.76000393
BTC	Kraken	2570.004 Bitstamp	2484.96	3.364771737	85.044	0.794
BTC	Kraken	2558.091 Bitstamp	2454.36	4.138933228	103.731	0.54289101
BTC	Kraken	2557.4 Bitstamp	2459	3.923132127	98.4	0.66473
BTC	Kraken	2537.999 Bitstamp	2477.97	2.39351559	60.029	1.384
BTC	Kraken	2516 Bitstamp	2461.81	2.177262692	54.19	1.499
BTC	Kraken	2538 Bitstamp	2461.05	3.078584931	76.95	0.66593231
BTC	Kraken	2540 Bitstamp	2440.9	3.979200546	99.1	2
BTC	Kraken	2534.73 Bitstamp	2433.04	4.093989859	101.69	1.6737
BTC	Kraken	2533.901 Bitstamp	2435	3.980799778	98.901	0.536
BTC	Kraken	2532.574 Bitstamp	2439.99	3.723793198	92.584	1.09955619
BTC	Kraken	2531.24 Bitstamp	2435.5	3.85524509	95.74	0.9680504
BTC	Kraken	2736.001 Bitstamp	2690.3	1.684425541	45.701	0.656
BTC	Kraken	2655.743 Bitstamp	2713.71	2.15913986	57.967	0.52298408
BTC	Kraken	2659.999 Bitstamp	2709.46	1.842308508	49.461	0.6757311
BTC	Kraken	2650 Bitstamp	2721.41	2.658892172	71.41	0.68717601
BTC	Kraken	2650 Bitstamp	2721.41	2.658892172	71.41	0.58

BTC	Kraken	2645.001 Bitstamp	2729.55	3.146272126	84.549	1
BTC	Kraken	2521.16 Bitstamp	2460.94	2.417454487	60.22	0.94574935
BTC	Kraken	2519.134 Bitstamp	2436.97	3.315668921	82.164	0.98354445
BTC	Kraken	2519.13 Bitstamp	2444.21	3.01893483	74.92	1
BTC	Kraken	2512.093 Bitstamp	2464.81	1.90009731	47.283	0.55734993
BTC	Kraken	2539 Bitstamp	2448.39	3.633563848	90.61	0.692
BTC	Kraken	2546.073 Bitstamp	2443.82	4.098404515	102.253	0.8909872
BTC	Kraken	2537.762 Bitstamp	2449.51	3.539089105	88.252	0.98312993
BTC	Kraken	2521.925 Bitstamp	2432.33	3.616890935	89.595	0.51278315
BTC	Kraken	2514.893 Bitstamp	2429.81	3.441379593	85.083	1
BTC	Kraken	2508.867 Bitstamp	2403.25	4.300264021	105.617	1.12274345
BTC	Kraken	2500.071 Bitstamp	2390.9	4.464185128	109.171	1.5
BTC	Kraken	2450.1 Bitstamp	2496.8	1.888051103	46.7	1.28848597
BTC	Kraken	2434 Bitstamp	2478.04	1.793145007	44.04	0.692
BTC	Kraken	2430.001 Bitstamp	2478.1	1.959984116	48.099	1.8633
BTC	Kraken	2449.999 Bitstamp	2350	4.166625868	99.999	1.8625961
BTC	Kraken	2456.989 Bitstamp	2401.46	2.285873537	55.529	1.22
BTC	Kraken	2456.969 Bitstamp	2393.26	2.627051218	63.709	1.43672956
BTC	Kraken	2436.968 Bitstamp	2368.83	2.835658095	68.138	0.91083
BTC	Kraken	2399.998 Bitstamp	2451.78	2.134557682	51.782	0.79978888
BTC	Kraken	2320.058 Bitstamp	2267.02	2.312496103	53.038	0.60603766
BTC	Kraken	2315 Bitstamp	2250.77	2.813545141	64.23	2.24498
BTC	Kraken	2357 Bitstamp	2415	2.430846605	58	1.84277825
BTC	Kraken	2356.473 Bitstamp	2449	3.850900837	92.527	0.8179
BTC	Kraken	2354.366 Bitstamp	2299.86	2.34221544	54.506	1.272491
BTC	Kraken	2343.89 Bitstamp	2300	1.890225651	43.89	1.02406961
BTC	Kraken	2346.475 Bitstamp	2405.02	2.464277033	58.545	1.73700463
BTC	Kraken	2346.771 Bitstamp	2441.01	3.936646225	94.239	0.649101
BTC	Kraken	2355.451 Bitstamp	2433.71	3.268171607	78.259	1.828158
BTC	Kraken	2419.87 Bitstamp	2357.01	2.631843379	62.86	1.08290707
BTC	Kraken	2374.997 Bitstamp	2444.49	2.883833902	69.493	0.692
BTC	Kraken	2386.302 Bitstamp	2455.99	2.878306389	69.688	0.85825895
BTC	Kraken	2396 Bitstamp	2450.44	2.246597502	54.44	0.66986772
BTC	Kraken	2390.722 Bitstamp	2450.1	2.453219722	59.378	0.91577001
BTC	Kraken	2397.999 Bitstamp	2460	2.552532432	62.001	1.46840477
BTC	Kraken	2402.518 Bitstamp	2460.02	2.36510234	57.502	0.502
BTC	Kraken	2403.602 Bitstamp	2454.04	2.076645418	50.438	0.692
BTC	Kraken	2398.335 Bitstamp	2457.49	2.436455185	59.155	0.95037
BTC	Kraken	2400.004 Bitstamp	2355.05	1.890788201	44.954	1.25723501
BTC	Kraken	2388.28 Bitstamp	2289.41	4.227300227	98.87	0.8719713
BTC	Kraken	2392 Bitstamp	2293	4.226254002	99	1.17
BTC	Kraken	2392 Bitstamp	2308.2	3.56580571	83.8	0.96230655
BTC	Kraken	2392 Bitstamp	2299.9	3.925914875	92.1	0.53127899
BTC	Kraken	2392.102 Bitstamp	2304.96	3.710489664	87.142	0.6569
BTC	Kraken	2392.102 Bitstamp	2310	3.492140324	82.102	1.34368473
BTC	Kraken	2387.493 Bitstamp	2309.75	3.310154488	77.743	0.7
BTC	Kraken	2387.49 Bitstamp	2306.19	3.464232756	81.3	0.983
BTC	Kraken	2388.322 Bitstamp	2311.67	3.261792786	76.652	0.7919206
BTC	Kraken	2378.551 Bitstamp	2288.96	3.838919715	89.591	1.763
BTC	Kraken	2277.97 Bitstamp	2322.73	1.945790858	44.76	0.97711702

BTC	Kraken	2297.313 Bitstamp	2220	3.42296405	77.313	0.74561365
BTC	Kraken	2203 Bitstamp	2238.99	1.620444891	35.99	0.62420555
BTC	Kraken	2215.861 Bitstamp	2287.09	3.163658676	71.229	1
BTC	Kraken	2247.22 Bitstamp	2292	1.973026203	44.78	0.64426384
BTC	Kraken	2233.95 Bitstamp	2304.87	3.12504131	70.92	1.628
BTC	Kraken	2406.15 Bitstamp	2450	1.805957394	43.85	1.26212485
BTC	Kraken	2413.506 Bitstamp	2455.55	1.726987736	42.044	0.75159129
BTC	Kraken	2428.14 Bitstamp	2480.5	2.13338114	52.36	1
BTC	Kraken	2432.307 Bitstamp	2479.95	1.939760074	47.643	0.83379781
BTC	Kraken	2418.348 Bitstamp	2479	2.476932413	60.652	1.96755386
BTC	Kraken	2408.905 Bitstamp	2468.34	2.437236596	59.435	0.77931914
BTC	Kraken	2381.518 Bitstamp	2477.35	3.944622492	95.832	0.603652
BTC	Kraken	2377.117 Bitstamp	2484.88	4.432869868	107.763	0.61018129
BTC	Kraken	2355.871 Bitstamp	2443	3.631229095	87.129	1.72334244
BTC	Kraken	2364.913 Bitstamp	2447.76	3.442868443	82.847	0.65576146
BTC	Kraken	2387.539 Bitstamp	2456.33	2.8403328	68.791	1
BTC	Kraken	2387.459 Bitstamp	2449.34	2.558758385	61.881	2
BTC	Kraken	2388.662 Bitstamp	2443.64	2.275437255	54.978	0.70001882
BTC	Kraken	2399.68 Bitstamp	2487.28	3.585050829	87.6	1.03260361
BTC	Kraken	2341.961 Bitstamp	2440.77	4.131907063	98.809	1
BTC	Kraken	2335.382 Bitstamp	2437.2	4.266788921	101.818	0.51022619
BTC	Kraken	2325.591 Bitstamp	2403	3.274083125	77.409	1.20727211
BTC	Kraken	2328.326 Bitstamp	2428.83	4.22538172	100.504	0.56161949
BTC	Kraken	2390.001 Bitstamp	2429.99	1.659297704	39.989	0.53613
BTC	Kraken	2483.727 Bitstamp	2421.22	2.548732942	62.507	0.78360914
BTC	Kraken	2441.004 Bitstamp	2480.74	1.614712183	39.736	0.5792
BTC	Kraken	2382.583 Bitstamp	2423.01	1.682497873	40.427	1
BTC	Kraken	2382 Bitstamp	2423	1.706555671	41	1.77
BTC	Kraken	2360.803 Bitstamp	2431.99	2.97058521	71.187	0.80355218
BTC	Kraken	2343.094 Bitstamp	2431.99	3.723327171	88.896	1.002
BTC	Kraken	2360.819 Bitstamp	2419.09	2.438163572	58.271	1.29188926
BTC	Kraken	2348 Bitstamp	2451.92	4.330072168	103.92	0.76166156
BTC	Kraken	2410 Bitstamp	2500.32	3.678782646	90.32	1
BTC	Kraken	2425.26 Bitstamp	2508	3.354374187	82.74	0.91828095
BTC	Kraken	2443.569 Bitstamp	2527	3.356999973	83.431	1.66470964
BTC	Kraken	2455.904 Bitstamp	2503	1.899451976	47.096	1
BTC	Kraken	2450.764 Bitstamp	2501.75	2.058994684	50.986	1
BTC	Kraken	2420 Bitstamp	2484.34	2.623798513	64.34	0.75659736
BTC	Kraken	2395.843 Bitstamp	2501	4.294889585	105.157	1.77
BTC	Kraken	2445.998 Bitstamp	2504.7	2.371463579	58.702	0.75198763
BTC	Kraken	2430.823 Bitstamp	2483.56	2.146230768	52.737	0.57130004
BTC	Kraken	2431.561 Bitstamp	2487	2.254277216	55.439	1.51899244
BTC	Kraken	2427.123 Bitstamp	2495.87	2.792894485	68.747	0.57527021
BTC	Kraken	2382.582 Bitstamp	2490	4.409079211	107.418	0.62730995
BTC	Kraken	2385.199 Bitstamp	2494.25	4.469807964	109.051	1
BTC	Kraken	2410 Bitstamp	2511.9	4.140677381	101.9	2
BTC	Kraken	2452.717 Bitstamp	2519.82	2.698944221	67.103	0.63012458
BTC	Kraken	2422.395 Bitstamp	2525	4.147839419	102.605	1.88306605
BTC	Kraken	2437.059 Bitstamp	2542.53	4.236132741	105.471	0.68343105
BTC	Kraken	2490 Bitstamp	2603.51	4.457044356	113.51	1

BTC	Kraken	2492.02	Bitstamp	2600	4.24114595	107.98	2
BTC	Kraken	2499.78	Bitstamp	2603.39	4.060613305	103.61	1.13321155
BTC	Kraken	2454.013	Bitstamp	2525	2.851448671	70.987	1.17235716
BTC	Kraken	2455	Bitstamp	2532.85	3.121585453	77.85	0.7799
BTC	Kraken	2455.001	Bitstamp	2563.3	4.316161984	108.299	0.99660921
BTC	Kraken	2464.996	Bitstamp	2565	3.976305349	100.004	0.78828468
BTC	Kraken	2437.831	Bitstamp	2538.27	4.036855361	100.439	0.9188
BTC	Kraken	2485.965	Bitstamp	2539.25	2.120705283	53.285	1.38839209
BTC	Kraken	2499.942	Bitstamp	2546.29	1.836934965	46.348	0.65017003
BTC	Kraken	2494.884	Bitstamp	2541	1.831495722	46.116	0.505
BTC	Kraken	2510.572	Bitstamp	2605.77	3.721330591	95.198	1.88882153
BTC	Kraken	2508.294	Bitstamp	2600.76	3.61969163	92.466	0.52564907
BTC	Kraken	2504.307	Bitstamp	2609.04	4.096455805	104.733	0.52945469
BTC	Kraken	2495	Bitstamp	2607.42	4.406536506	112.42	0.656
BTC	Kraken	2477.999	Bitstamp	2580.02	4.034029924	102.021	0.94272987
BTC	Kraken	2479.177	Bitstamp	2570	3.597536787	90.823	0.77650195
BTC	Kraken	2452.426	Bitstamp	2559	4.253240495	106.574	1.37547
BTC	Kraken	2444.025	Bitstamp	2549.01	4.205257924	104.985	1.671
BTC	Kraken	2444.446	Bitstamp	2550	4.226855191	105.554	1
BTC	Kraken	2349.858	Bitstamp	2444.54	3.949692954	94.682	1.706
BTC	Kraken	2360	Bitstamp	2436.68	3.197211405	76.68	0.84988926
BTC	Kraken	2417.09	Bitstamp	2474.99	2.367091299	57.9	1
BTC	Kraken	2402.99	Bitstamp	2478.87	3.108651211	75.88	0.94
BTC	Kraken	2411.999	Bitstamp	2479.01	2.740170791	67.011	1.77797369
BTC	Kraken	2399.002	Bitstamp	2472.03	2.998461106	73.028	0.7645437
BTC	Kraken	2403.011	Bitstamp	2455	2.140340975	51.989	0.55586489
BTC	Kraken	2408.057	Bitstamp	2461.09	2.178328155	53.033	1.75143272
BTC	Kraken	2411.978	Bitstamp	2460	1.971355371	48.022	1.0071
BTC	Kraken	2416.502	Bitstamp	2457	1.661967103	40.498	0.5702
BTC	Kraken	2453.794	Bitstamp	2380	3.053253821	73.794	0.50566463
BTC	Kraken	2447.9	Bitstamp	2383	2.686869941	64.9	0.5206
BTC	Kraken	2442.295	Bitstamp	2398.9	1.792739189	43.395	1.648
BTC	Kraken	2405.992	Bitstamp	2360	1.930007436	45.992	0.54969096
BTC	Kraken	2380.002	Bitstamp	2315.07	2.765963972	64.932	0.7324003
BTC	Kraken	2281.018	Bitstamp	2339.72	2.540806252	58.702	1.651
BTC	Kraken	2282.442	Bitstamp	2359.99	3.340835148	77.548	1.47770063
BTC	Kraken	2303.193	Bitstamp	2359.03	2.39529512	55.837	0.72154988
BTC	Kraken	2285	Bitstamp	2367	3.525365434	82	1.3553611
BTC	Kraken	2442.464	Bitstamp	2400	1.753817891	42.464	0.62531106
BTC	Kraken	2420.351	Bitstamp	2378.4	1.748413285	41.951	1.5
BTC	Kraken	2424.29	Bitstamp	2387.79	1.517015511	36.5	0.72661561
BTC	Kraken	2443.006	Bitstamp	2376	2.78090544	67.006	1.3114
BTC	Kraken	2270.399	Bitstamp	2309.8	1.720492931	39.401	0.94622684
BTC	Kraken	2297.103	Bitstamp	2219.48	3.437244483	77.623	1.06
BTC	Kraken	2297.067	Bitstamp	2220.35	3.396498486	76.717	1.13057213
BTC	Kraken	2296.575	Bitstamp	2224.33	3.196041501	72.245	0.61857903
BTC	Kraken	2313.997	Bitstamp	2217.63	4.253086143	96.367	0.83065001
BTC	Kraken	2310.119	Bitstamp	2237.84	3.178524696	72.279	1.499
BTC	Kraken	2299.39	Bitstamp	2249	2.215729082	50.39	1.04801512
BTC	Kraken	2335	Bitstamp	2238.77	4.207907262	96.23	0.71002506

BTC	Kraken	2335.06 Bitstamp	2233	4.468417665	102.06	1.85416485
BTC	Kraken	2388.89 Bitstamp	2285.58	4.420180256	103.31	0.84643533
BTC	Kraken	2399 Bitstamp	2296.04	4.385905125	102.96	0.983
BTC	Kraken	2407.001 Bitstamp	2332	3.165266266	75.001	0.67313739
BTC	Kraken	2412.799 Bitstamp	2321.11	3.873711979	91.689	0.99792816
BTC	Kraken	2347.662 Bitstamp	2292.09	2.395472861	55.572	0.66768925
BTC	Kraken	2342.9 Bitstamp	2286.39	2.441411102	56.51	0.692
BTC	Kraken	2346 Bitstamp	2291.84	2.335570007	54.16	0.92358071
BTC	Kraken	2345.999 Bitstamp	2299.13	2.017984861	46.869	0.74
BTC	Kraken	2284.196 Bitstamp	2385.03	4.319088431	100.834	2
BTC	Kraken	2284.195 Bitstamp	2385	4.317874923	100.805	1.04404765
BTC	Kraken	2318.5 Bitstamp	2400	3.454487655	81.5	0.90630935
BTC	Kraken	2349.899 Bitstamp	2394.6	1.88432962	44.701	0.64510729
BTC	Kraken	2410 Bitstamp	2370	1.673640167	40	0.92618017
BTC	Kraken	2435.893 Bitstamp	2355.68	3.348086317	80.213	0.788
BTC	Kraken	2432.098 Bitstamp	2340	3.859853674	92.098	0.78538732
BTC	Kraken	2439.852 Bitstamp	2339.01	4.220335302	100.842	2
BTC	Kraken	2416.551 Bitstamp	2316.51	4.227327727	100.041	0.74518756
BTC	Kraken	2250 Bitstamp	2335.02	3.708598872	85.02	0.65979021
BTC	Kraken	2279.997 Bitstamp	2380.27	4.303315668	100.273	0.66690546
BTC	Kraken	2288.001 Bitstamp	2339.07	2.207400751	51.069	0.71237328
BTC	Kraken	2298.043 Bitstamp	2352.86	2.357262665	54.817	0.61351269
BTC	Kraken	2303.585 Bitstamp	2373.1	2.972832252	69.515	0.52537777
BTC	Kraken	2304 Bitstamp	2383.44	3.389483385	79.44	1.38265356
BTC	Kraken	2300.008 Bitstamp	2396.02	4.089072723	96.012	0.94197133
BTC	Kraken	2259.5 Bitstamp	2301	1.81997588	41.5	1
BTC	Kraken	2269.996 Bitstamp	2341.45	3.09898457	71.454	0.96
BTC	Kraken	2265.101 Bitstamp	2342.04	3.339988943	76.939	0.69256863
BTC	Kraken	2258.126 Bitstamp	2298.97	1.792545077	40.844	0.5692
BTC	Kraken	2255.104 Bitstamp	2350	4.121340148	94.896	1.51492828
BTC	Kraken	2255.104 Bitstamp	2350	4.121340148	94.896	0.62679283
BTC	Kraken	2275.021 Bitstamp	2323.33	2.101144519	48.309	1.17594384
BTC	Kraken	2361.6 Bitstamp	2295.93	2.81994963	65.67	1.80518378
BTC	Kraken	2405.672 Bitstamp	2305	4.274209709	100.672	1.2553
BTC	Kraken	2405.672 Bitstamp	2305.42	4.255998397	100.252	1.671
BTC	Kraken	2405.669 Bitstamp	2312.31	3.957584381	93.359	2.22702585
BTC	Kraken	2407.731 Bitstamp	2312.14	4.050576806	95.591	0.86997951
BTC	Kraken	2427.421 Bitstamp	2322.95	4.398435406	104.471	1.82717
BTC	Kraken	2427.405 Bitstamp	2340.02	3.665920282	87.385	0.60440125
BTC	Kraken	2426.731 Bitstamp	2343.45	3.491733333	83.281	1.55404949
BTC	Kraken	2451.252 Bitstamp	2350	4.217733208	101.252	0.76566762
BTC	Kraken	2449.252 Bitstamp	2345.1	4.344779023	104.152	0.50992613
BTC	Kraken	2460.017 Bitstamp	2360.02	4.149221261	99.997	0.61262199
BTC	Kraken	2460.017 Bitstamp	2364.95	3.940627988	95.067	2
BTC	Kraken	2460.017 Bitstamp	2360.2	4.141597775	99.817	1
BTC	Kraken	2474.51 Bitstamp	2407.41	2.748918458	67.1	0.63487678
BTC	Kraken	2483.283 Bitstamp	2407.85	3.084479608	75.433	1.157
BTC	Kraken	2483.284 Bitstamp	2408.32	3.065006898	74.964	0.6570358
BTC	Kraken	2483.288 Bitstamp	2410	2.995450094	73.288	0.57540719
BTC	Kraken	2477.639 Bitstamp	2420.22	2.344657125	57.419	0.81414924

BTC	Kraken	2512 Bitstamp	2420	3.730738037	92	0.52217064
BTC	Kraken	2515.246 Bitstamp	2445	2.832359524	70.246	1.57942565
BTC	Kraken	2508.554 Bitstamp	2440.03	2.769438692	68.524	0.66124022
BTC	Kraken	2504.121 Bitstamp	2454.68	1.994070744	49.441	0.81167352
BTC	Kraken	2508.537 Bitstamp	2459.78	1.962716952	48.757	0.66238504
BTC	Kraken	2505.643 Bitstamp	2437.13	2.772249504	68.513	0.91618052
BTC	Kraken	2505 Bitstamp	2426.85	3.169196143	78.15	1.02949925
BTC	Kraken	2504.465 Bitstamp	2411.6	3.778021649	92.865	0.692
BTC	Kraken	2510.545 Bitstamp	2410	4.086742424	100.545	1
BTC	Kraken	2510.545 Bitstamp	2416.66	3.81088264	93.885	1.002
BTC	Kraken	2510.543 Bitstamp	2416.65	3.81121665	93.893	1
BTC	Kraken	2513.886 Bitstamp	2468.66	1.815377118	45.226	0.85429065
BTC	Kraken	2508.101 Bitstamp	2459.4	1.960784708	48.701	0.55329751
BTC	Kraken	2510.977 Bitstamp	2455.81	2.221436112	55.167	0.61031
BTC	Kraken	2513.524 Bitstamp	2459.03	2.19179118	54.494	0.7
BTC	Kraken	2520 Bitstamp	2412.1	4.375418179	107.9	1.93
BTC	Kraken	2435 Bitstamp	2351.24	3.500033429	83.76	0.63985461
BTC	Kraken	2440.998 Bitstamp	2340.37	4.209171936	100.628	0.74532258
BTC	Kraken	2443.54 Bitstamp	2346.63	4.046202953	96.91	1
BTC	Kraken	2441.664 Bitstamp	2352.99	3.698869616	88.674	0.56692448
BTC	Kraken	2484.941 Bitstamp	2382.26	4.219303867	102.681	1
BTC	Kraken	2494.993 Bitstamp	2405.95	3.63370886	89.043	0.55
BTC	Kraken	2497.422 Bitstamp	2435.41	2.514255503	62.012	0.83689099
BTC	Kraken	2415.001 Bitstamp	2457.8	1.756648794	42.799	0.98808662
BTC	Kraken	2468.496 Bitstamp	2424.99	1.778118912	43.506	1.09870292
BTC	Kraken	2468.496 Bitstamp	2423.97	1.820186385	44.526	0.66085389
BTC	Kraken	2497.479 Bitstamp	2446.13	2.077389211	51.349	1
BTC	Kraken	2448.638 Bitstamp	2497.01	1.956144068	48.372	1
BTC	Kraken	2430.142 Bitstamp	2489.9	2.429166255	59.758	1
BTC	Kraken	2414.025 Bitstamp	2508.85	3.852423635	94.825	2
BTC	Kraken	2400.449 Bitstamp	2508	4.382280431	107.551	1.3644
BTC	Kraken	2450.119 Bitstamp	2494.89	1.810755046	44.771	0.794
BTC	Kraken	2450 Bitstamp	2496.24	1.869703047	46.24	0.5600314
BTC	Kraken	2500 Bitstamp	2459.33	1.640140906	40.67	0.560422
BTC	Kraken	2497.586 Bitstamp	2456	1.679026063	41.586	1.56832996
BTC	Kraken	2493.989 Bitstamp	2452.69	1.669766726	41.299	1.150266
BTC	Kraken	2425.827 Bitstamp	2489.16	2.577138047	63.333	2.07820618
BTC	Kraken	2457.246 Bitstamp	2512	2.203714608	54.754	0.8285
BTC	Kraken	2439.19 Bitstamp	2515	3.060439749	75.81	1
BTC	Kraken	2458.858 Bitstamp	2420	1.592913752	38.858	2
BTC	Kraken	2480.005 Bitstamp	2415.73	2.625754866	64.275	1.002
BTC	Kraken	2485.882 Bitstamp	2448	1.535585975	37.882	0.7002266
BTC	Kraken	2475.002 Bitstamp	2420	2.247271809	55.002	1
BTC	Kraken	2462.44 Bitstamp	2511.35	1.966709491	48.91	2.14449675
BTC	Kraken	2490 Bitstamp	2444.44	1.846612787	45.56	0.75554959
BTC	Kraken	2490 Bitstamp	2444.16	1.858067027	45.84	0.68062449
BTC	Kraken	2426.001 Bitstamp	2486.99	2.482764573	60.989	0.5429
BTC	Kraken	2450.001 Bitstamp	2504.74	2.2095605	54.739	0.605
BTC	Kraken	2453.964 Bitstamp	2494.52	1.639128266	40.556	1
BTC	Kraken	2453.803 Bitstamp	2507.01	2.145091944	53.207	1.050705

BTC	Kraken	2459.581 Bitstamp	2518	2.347284755	58.419	0.99013243
BTC	Kraken	2475.005 Bitstamp	2423.23	2.114026787	51.775	0.68530304
BTC	Kraken	2474.949 Bitstamp	2423.23	2.111764392	51.719	0.80467965
BTC	Kraken	2501.049 Bitstamp	2423.35	3.155674428	77.699	0.738
BTC	Kraken	2496.802 Bitstamp	2422.8	3.008454749	74.002	1.5
BTC	Kraken	2497.616 Bitstamp	2417.36	3.265773831	80.256	0.679821
BTC	Kraken	2496.005 Bitstamp	2426.58	2.820672472	69.425	0.60774531
BTC	Kraken	2493.98 Bitstamp	2437	2.311102458	56.98	1
BTC	Kraken	2485 Bitstamp	2423.28	2.514933948	61.72	0.55758981
BTC	Kraken	2499 Bitstamp	2439	2.430133657	60	0.75468779
BTC	Kraken	2495.007 Bitstamp	2439	2.270244043	56.007	0.93562319
BTC	Kraken	2498.289 Bitstamp	2448.16	2.026868163	50.129	1.002
BTC	Kraken	2410 Bitstamp	2495.17	3.472662517	85.17	0.95561554
BTC	Kraken	2434.92 Bitstamp	2522	3.513472075	87.08	0.52667161
BTC	Kraken	2474.736 Bitstamp	2417.43	2.342765965	57.306	0.5769
BTC	Kraken	2416.991 Bitstamp	2490	2.97571363	73.009	1.37934515
BTC	Kraken	2429.999 Bitstamp	2514.49	3.417582687	84.491	1
BTC	Kraken	2429.997 Bitstamp	2525	3.834634007	95.003	0.687879
BTC	Kraken	2429.997 Bitstamp	2522.66	3.741951038	92.663	0.74732809
BTC	Kraken	2424.159 Bitstamp	2493.49	2.819680705	69.331	1
BTC	Kraken	2483 Bitstamp	2422.07	2.484368215	60.93	0.6954875
BTC	Kraken	2411 Bitstamp	2470	2.41753739	59	1.2
BTC	Kraken	2464.249 Bitstamp	2505.67	1.666868213	41.421	0.6498007
BTC	Kraken	2472 Bitstamp	2534.12	2.481762323	62.12	1.42508974
BTC	Kraken	2487.899 Bitstamp	2597.01	4.29156156	109.111	1
BTC	Kraken	2497.455 Bitstamp	2570	2.863172934	72.545	1
BTC	Kraken	2430.901 Bitstamp	2535.57	4.215025115	104.669	2.15114928
BTC	Kraken	2448.335 Bitstamp	2521.86	2.958636432	73.525	0.75
BTC	Kraken	2463.303 Bitstamp	2569.38	4.215524801	106.077	1
BTC	Kraken	2500 Bitstamp	2569.99	2.760952191	69.99	1
BTC	Kraken	2508.455 Bitstamp	2561.91	2.108526704	53.455	0.72817894
BTC	Kraken	2485 Bitstamp	2579.99	3.750846497	94.99	0.65040767
BTC	Kraken	2495.974 Bitstamp	2569.52	2.903803657	73.546	0.77219008
BTC	Kraken	2464.561 Bitstamp	2570	4.188607507	105.439	0.53363537
BTC	Kraken	2460 Bitstamp	2559.98	3.983282802	99.98	0.73206204
BTC	Kraken	2463.98 Bitstamp	2557.22	3.713853262	93.24	0.51312436
BTC	Kraken	2482.198 Bitstamp	2579.99	3.863625768	97.792	0.83941916
BTC	Kraken	2483.999 Bitstamp	2591.01	4.217174787	107.011	1.66678325
BTC	Kraken	2478.884 Bitstamp	2578.51	3.939815644	99.626	2
BTC	Kraken	2488.17 Bitstamp	2578.55	3.567594025	90.38	0.79884465
BTC	Kraken	2488.469 Bitstamp	2560.01	2.834160546	71.541	0.66068983
BTC	Kraken	2487.42 Bitstamp	2564.84	3.064767055	77.42	1.38158067
BTC	Kraken	2494.01 Bitstamp	2557.2	2.501974774	63.19	0.62926154
BTC	Kraken	2530.837 Bitstamp	2600.22	2.704433024	69.383	0.74864306
BTC	Kraken	2539.508 Bitstamp	2617.1	3.009420146	77.592	0.78267673
BTC	Kraken	2555.001 Bitstamp	2615	2.321044038	59.999	0.75
BTC	Kraken	2586.271 Bitstamp	2638.42	1.996252027	52.149	0.54355572
BTC	Kraken	2585.64 Bitstamp	2538.27	1.848978612	47.37	0.6410974
BTC	Kraken	2612.959 Bitstamp	2545	2.635112067	67.959	1.763
BTC	Kraken	2630.001 Bitstamp	2585.98	1.687927928	44.021	0.98226675

BTC	Kraken	2531.271 Bitstamp	2596.25	2.534519118	64.979	0.91496631
BTC	Kraken	2542.38 Bitstamp	2581.35	1.521157438	38.97	0.69525847
BTC	Kraken	2542.38 Bitstamp	2590	1.8556693	47.62	1.17375852
BTC	Kraken	2545 Bitstamp	2585	1.559454191	40	1.1978571
BTC	Kraken	2545 Bitstamp	2588.82	1.707110884	43.82	0.656
BTC	Kraken	2554.236 Bitstamp	2595	1.583302843	40.764	0.7
BTC	Kraken	2582.87 Bitstamp	2646.32	2.42676208	63.45	0.7
BTC	Kraken	2604.028 Bitstamp	2645.61	1.584185424	41.582	0.58714436
BTC	Kraken	2499.951 Bitstamp	2570	2.763300868	70.049	0.69034286
BTC	Kraken	2517.37 Bitstamp	2559.03	1.641320621	41.66	0.785
BTC	Kraken	2591.714 Bitstamp	2535.34	2.199079627	56.374	1.616
BTC	Kraken	2576.1 Bitstamp	2529.3	1.83335292	46.8	0.73835346
BTC	Kraken	2585.829 Bitstamp	2520	2.578582244	65.829	0.9088337
BTC	Kraken	2567.533 Bitstamp	2507.22	2.376982683	60.313	1.5
BTC	Kraken	2551.081 Bitstamp	2625.09	2.859604136	74.009	1
BTC	Kraken	2562.078 Bitstamp	2616.18	2.089583022	54.102	0.50660362
BTC	Kraken	2567.742 Bitstamp	2613.2	1.754816016	45.458	0.68959055
BTC	Kraken	2497.962 Bitstamp	2600.02	4.003858782	102.058	0.61953014
BTC	Kraken	2503.433 Bitstamp	2600.01	3.784778237	96.577	1.21513238
BTC	Kraken	2490.72 Bitstamp	2600.01	4.29368676	109.29	0.99198
BTC	Kraken	2496.979 Bitstamp	2597.76	3.95627725	100.781	0.65680054
BTC	Kraken	2504 Bitstamp	2597	3.646343854	93	0.73749729
BTC	Kraken	2505 Bitstamp	2599.99	3.721456849	94.99	1.002
BTC	Kraken	2515.049 Bitstamp	2590	2.936347918	74.951	0.61100996
BTC	Kraken	2574.645 Bitstamp	2629.05	2.091014174	54.405	0.96879472
BTC	Kraken	2579 Bitstamp	2624.91	1.764442506	45.91	0.50980095
BTC	Kraken	2630 Bitstamp	2562.59	2.596392167	67.41	0.79691118
BTC	Kraken	2639.452 Bitstamp	2557.01	3.173005018	82.442	0.682
BTC	Kraken	2588.909 Bitstamp	2548.95	1.555472815	39.959	0.656
BTC	Kraken	2576.997 Bitstamp	2537.02	1.563428514	39.977	0.9920975
BTC	Kraken	2599.95 Bitstamp	2531.11	2.683266226	68.84	0.503
BTC	Kraken	2601.537 Bitstamp	2530.89	2.752966579	70.647	0.656
BTC	Kraken	2608.084 Bitstamp	2529.01	3.078549857	79.074	1.49535575
BTC	Kraken	2608.084 Bitstamp	2535.59	2.818763398	72.494	0.53668915
BTC	Kraken	2635.841 Bitstamp	2534.82	3.907469471	101.021	0.90949
BTC	Kraken	2488.07 Bitstamp	2548.14	2.385524035	60.07	0.89
BTC	Kraken	2500.152 Bitstamp	2569.97	2.754095464	69.818	0.7
BTC	Kraken	2604.746 Bitstamp	2564.75	1.54738489	39.996	0.63923519
BTC	Kraken	2619 Bitstamp	2519	3.8925652	100	1.45874349
BTC	Kraken	2643.314 Bitstamp	2540.04	3.984832987	103.274	1.42
BTC	Kraken	2645.8 Bitstamp	2540.06	4.078012133	105.74	0.656
BTC	Kraken	2629.995 Bitstamp	2741.35	4.146261318	111.355	0.656
BTC	Kraken	2627 Bitstamp	2742	4.283851741	115	0.75812956
BTC	Kraken	2627.568 Bitstamp	2742.19	4.269168182	114.622	0.55728085
BTC	Kraken	2625.868 Bitstamp	2737.37	4.158010515	111.502	0.86415726
BTC	Kraken	2620.568 Bitstamp	2724.49	3.88852656	103.922	0.7135
BTC	Kraken	2620.568 Bitstamp	2724.06	3.872748487	103.492	2
BTC	Kraken	2620 Bitstamp	2723.82	3.885609919	103.82	0.64500856
BTC	Kraken	2615.01 Bitstamp	2729	4.266084831	113.99	0.51095844
BTC	Kraken	2615.011 Bitstamp	2724.08	4.085676757	109.069	0.62759722

BTC	Kraken	2615.011 Bitstamp	2724.09	4.086043699	109.079	1.3811
BTC	Kraken	2620 Bitstamp	2719.86	3.740172963	99.86	1.1057008
BTC	Kraken	2619.951 Bitstamp	2718.56	3.694251075	98.609	1.3
BTC	Kraken	2615 Bitstamp	2728.68	4.254745793	113.68	0.51783198
BTC	Kraken	2600 Bitstamp	2717.11	4.405024534	117.11	0.656
BTC	Kraken	2585.892 Bitstamp	2679.08	3.539923859	93.188	0.69996147
BTC	Kraken	2616.407 Bitstamp	2660.5	1.671168357	44.093	0.66812579
BTC	Kraken	2607.53 Bitstamp	2650	1.615587548	42.47	1.78403834
BTC	Kraken	2607.53 Bitstamp	2648.94	1.575582092	41.41	1.05669188
BTC	Kraken	2604.197 Bitstamp	2645.18	1.561442434	40.983	1.11
BTC	Kraken	2575.001 Bitstamp	2671.88	3.69282246	96.879	1.5
BTC	Kraken	2550 Bitstamp	2630.1	3.09260439	80.1	0.8992067
BTC	Kraken	2525.699 Bitstamp	2637.13	4.316664371	111.431	0.51004046
BTC	Kraken	2610.021 Bitstamp	2520	3.509576277	90.021	1
BTC	Kraken	2613.068 Bitstamp	2534	3.072351094	79.068	1.096
BTC	Kraken	2650.974 Bitstamp	2538.48	4.335485005	112.494	0.53058854
BTC	Kraken	2648.998 Bitstamp	2532.83	4.483668698	116.168	1.90821705
BTC	Kraken	2636.196 Bitstamp	2530.32	4.098545325	105.876	0.50044181
BTC	Kraken	2640.709 Bitstamp	2541	3.848498632	99.709	0.5661
BTC	Kraken	2641.005 Bitstamp	2546.01	3.662800281	94.995	1.00633743
BTC	Kraken	2640.999 Bitstamp	2533.69	4.147456978	107.309	1.1865
BTC	Kraken	2650.138 Bitstamp	2535.01	4.440683275	115.128	1.64691021
BTC	Kraken	2616.564 Bitstamp	2505.09	4.353046887	111.474	0.504754
BTC	Kraken	2571.053 Bitstamp	2463.83	4.259205229	107.223	0.50155183
BTC	Kraken	2566.103 Bitstamp	2454.43	4.448651169	111.673	0.80314721
BTC	Kraken	2561 Bitstamp	2449.61	4.446165237	111.39	1.14071764
BTC	Kraken	2555.346 Bitstamp	2461.01	3.76113657	94.336	0.63095581
BTC	Kraken	2569.74 Bitstamp	2467.07	4.076786696	102.67	0.662
BTC	Kraken	2561 Bitstamp	2455.34	4.212633115	105.66	1.022
BTC	Kraken	2550.111 Bitstamp	2457.01	3.718743765	93.101	1.073
BTC	Kraken	2622.567 Bitstamp	2508.51	4.445733323	114.057	0.60070214
BTC	Kraken	2434 Bitstamp	2339.99	3.938424672	94.01	1
BTC	Kraken	2419.665 Bitstamp	2324.99	3.990806497	94.675	0.91649221
BTC	Kraken	2410.516 Bitstamp	2344.99	2.755795072	65.526	1
BTC	Kraken	2407.23 Bitstamp	2349.98	2.406872936	57.25	0.92679263
BTC	Kraken	2400 Bitstamp	2310.07	3.818626899	89.93	0.53660321
BTC	Kraken	2380.838 Bitstamp	2299	3.497471494	81.838	0.713
BTC	Kraken	2367.001 Bitstamp	2294.88	3.094072972	72.121	0.56200772
BTC	Kraken	2370 Bitstamp	2323.49	1.98189407	46.51	0.97463731
BTC	Kraken	2366.003 Bitstamp	2321.87	1.882858175	44.133	0.77509099
BTC	Kraken	2356.59 Bitstamp	2315.74	1.748592244	40.85	0.953
BTC	Kraken	2351.416 Bitstamp	2293.07	2.512484697	58.346	0.787
BTC	Kraken	2365.439 Bitstamp	2319.25	1.971913184	46.189	0.73897289
BTC	Kraken	2369.308 Bitstamp	2315.63	2.291513783	53.678	0.661
BTC	Kraken	2359.927 Bitstamp	2291.81	2.928669441	68.117	1.00148606
BTC	Kraken	2358.87 Bitstamp	2284.4	3.207653227	74.47	0.65520362
BTC	Kraken	2358.872 Bitstamp	2319.91	1.665476186	38.962	0.5346118
BTC	Kraken	2358.061 Bitstamp	2320.01	1.626781637	38.051	1.18537069
BTC	Kraken	2365.816 Bitstamp	2320.03	1.954225555	45.786	0.8363004
BTC	Kraken	2344.522 Bitstamp	2410	2.754346283	65.478	0.65849999

BTC	Kraken	2358.742 Bitstamp	2463.57	4.347624127	104.828	0.69775281
BTC	Kraken	2421.075 Bitstamp	2322.57	4.153135405	98.505	0.50888302
BTC	Kraken	2426.858 Bitstamp	2332.65	3.958728507	94.208	0.81821647
BTC	Kraken	2429.156 Bitstamp	2343.25	3.600112815	85.906	1
BTC	Kraken	2427 Bitstamp	2343.22	3.512626252	83.78	0.945965
BTC	Kraken	2442.35 Bitstamp	2390.92	2.128165817	51.43	0.51650829
BTC	Kraken	2396 Bitstamp	2435.15	1.620732124	39.15	0.5743303
BTC	Kraken	2396 Bitstamp	2446.91	2.102454929	50.91	1
BTC	Kraken	2400 Bitstamp	2351.21	2.053792613	48.79	1.63494
BTC	Kraken	2397.943 Bitstamp	2309.05	3.777061066	88.893	0.692
BTC	Kraken	2397.943 Bitstamp	2299.98	4.170481296	97.963	1.384
BTC	Kraken	2399.182 Bitstamp	2336.7	2.638663717	62.482	1.06837638
BTC	Kraken	2387.794 Bitstamp	2447	2.449163294	59.206	0.913
BTC	Kraken	2394.064 Bitstamp	2437.37	1.792676874	43.306	1.62721682
BTC	Kraken	2400.24 Bitstamp	2439.46	1.620761617	39.22	0.77952044
BTC	Kraken	2394.064 Bitstamp	2434.65	1.681027288	40.586	0.6643464
BTC	Kraken	2392.232 Bitstamp	2472.73	3.309296147	80.498	1.0831
BTC	Kraken	2392 Bitstamp	2467.02	3.087865454	75.02	0.6009
BTC	Kraken	2392 Bitstamp	2460.31	2.815566194	68.31	0.92531
BTC	Kraken	2392 Bitstamp	2466.44	3.064358107	74.44	0.692
BTC	Kraken	2392 Bitstamp	2458.2	2.729784339	66.2	0.692
BTC	Kraken	2392 Bitstamp	2452.81	2.510315162	60.81	1.669
BTC	Kraken	2392 Bitstamp	2456	2.640264026	64	1.77
BTC	Kraken	2392 Bitstamp	2465.43	3.023409498	73.43	1.002
BTC	Kraken	2392 Bitstamp	2465.41	3.022598463	73.41	1.002
BTC	Kraken	2392.217 Bitstamp	2464.48	2.975808456	72.263	1.002
BTC	Kraken	2392.101 Bitstamp	2466.73	3.071891161	74.629	0.67507726
BTC	Kraken	2387.489 Bitstamp	2432.26	1.857814587	44.771	1.384
BTC	Kraken	2401.77 Bitstamp	2342	2.519936675	59.77	1
BTC	Kraken	2401.78 Bitstamp	2340	2.605772516	61.78	0.50709575
BTC	Kraken	2404.369 Bitstamp	2351.44	2.225867355	52.929	1.4
BTC	Kraken	2404.376 Bitstamp	2352	2.202349015	52.376	0.67972173
BTC	Kraken	2418.263 Bitstamp	2459.22	1.679431789	40.957	1.3073
BTC	Kraken	2276.576 Bitstamp	2373.69	4.176707311	97.114	1.69380787
BTC	Kraken	2296.295 Bitstamp	2359.28	2.705788222	62.985	1.14410298
BTC	Kraken	2296.295 Bitstamp	2360	2.736295703	63.705	1.1694352
BTC	Kraken	2233.956 Bitstamp	2200.01	1.531179986	33.946	0.733
BTC	Kraken	2250 Bitstamp	2300	2.197802198	50	1
BTC	Kraken	2250.039 Bitstamp	2300	2.196069089	49.961	0.58561376
BTC	Kraken	2262.959 Bitstamp	2220	1.916546638	42.959	1.61752289
BTC	Kraken	2266.001 Bitstamp	2227.69	1.705101664	38.311	1
BTC	Kraken	2278.526 Bitstamp	2210.26	3.041624172	68.266	1.5498681
BTC	Kraken	2280.31 Bitstamp	2212.87	3.001882854	67.44	0.89680961
BTC	Kraken	2281.796 Bitstamp	2211.7	3.119887055	70.096	2
BTC	Kraken	2291.408 Bitstamp	2240	2.268963642	51.408	1.85047233
BTC	Kraken	2293.034 Bitstamp	2248.65	1.954517311	44.384	2.10710871
BTC	Kraken	2316.524 Bitstamp	2264.98	2.2500908	51.544	0.51847764
BTC	Kraken	2289.242 Bitstamp	2225.09	2.842148074	64.152	0.88302561
BTC	Kraken	2296.295 Bitstamp	2219.96	3.380455709	76.335	0.93692834
BTC	Kraken	2303.998 Bitstamp	2213.61	4.00158668	90.388	0.5685651

BTC	Kraken	2300 Bitstamp	2219.96	3.541624262	80.04	1.55073913
BTC	Kraken	2297.466 Bitstamp	2217.3	3.551280399	80.166	0.903
BTC	Kraken	2245.694 Bitstamp	2298.36	2.318018228	52.666	0.77044475
BTC	Kraken	2244.384 Bitstamp	2292	2.099293182	47.616	2.45885533
BTC	Kraken	2265.021 Bitstamp	2308.72	1.910864651	43.699	0.9896
BTC	Kraken	2265 Bitstamp	2309.98	1.966347394	44.98	1.91453586
BTC	Kraken	2250.27 Bitstamp	2319	3.008358009	68.73	1.46163694
BTC	Kraken	2233.001 Bitstamp	2302.2	3.051639828	69.199	1.5
BTC	Kraken	2231.966 Bitstamp	2302.02	3.090172753	70.054	1.01522514
BTC	Kraken	2280 Bitstamp	2348	2.938634399	68	0.87444444
BTC	Kraken	2280.31 Bitstamp	2345.11	2.801907719	64.8	0.55259403
BTC	Kraken	2280.31 Bitstamp	2345.14	2.803186717	64.83	0.6420164
BTC	Kraken	2294.14 Bitstamp	2377.43	3.565824766	83.29	1.77
BTC	Kraken	2292.637 Bitstamp	2377.81	3.647316841	85.173	2
BTC	Kraken	2409.615 Bitstamp	2466.95	2.351450252	57.335	0.86134831
BTC	Kraken	2418.383 Bitstamp	2463.89	1.864172692	45.507	0.75046679
BTC	Kraken	2420 Bitstamp	2467.96	1.962372851	47.96	1
BTC	Kraken	2419.099 Bitstamp	2474.54	2.265839389	55.441	1.03878402
BTC	Kraken	2423.321 Bitstamp	2490	2.714213055	66.679	1
BTC	Kraken	2432.3 Bitstamp	2501.11	2.789551243	68.81	0.52827318
BTC	Kraken	2428.13 Bitstamp	2501.01	2.957108137	72.88	0.7646591
BTC	Kraken	2428.14 Bitstamp	2502.8	3.028225856	74.66	0.50339125
BTC	Kraken	2428.72 Bitstamp	2503	3.012336467	74.28	1.97577048
BTC	Kraken	2407.029 Bitstamp	2501.99	3.868838153	94.961	0.65484674
BTC	Kraken	2405.472 Bitstamp	2504.21	4.02217496	98.738	1
BTC	Kraken	2396.72 Bitstamp	2501.02	4.259107262	104.3	0.7453918
BTC	Kraken	2395.51 Bitstamp	2502.73	4.377899	107.22	2
BTC	Kraken	2395.53 Bitstamp	2502.74	4.37746388	107.21	2.06695062
BTC	Kraken	2376.059 Bitstamp	2455	3.26806193	78.941	2
BTC	Kraken	2350.889 Bitstamp	2459	4.495363614	108.111	1.0140001
BTC	Kraken	2387.7 Bitstamp	2454.26	2.74929987	66.56	1
BTC	Kraken	2387.379 Bitstamp	2447.9	2.50330953	60.521	1.635
BTC	Kraken	2399.979 Bitstamp	2486.1	3.525157903	86.121	0.65740496
BTC	Kraken	2400 Bitstamp	2485.24	3.489695491	85.24	0.8343
BTC	Kraken	2388.159 Bitstamp	2490	4.175386657	101.841	0.66492956
BTC	Kraken	2352.909 Bitstamp	2457	4.328189993	104.091	0.68548806
BTC	Kraken	2364.428 Bitstamp	2440.77	3.177475725	76.342	0.92481999
BTC	Kraken	2343.069 Bitstamp	2444.98	4.256890437	101.911	0.84770937
BTC	Kraken	2325.59 Bitstamp	2402.01	3.232930028	76.42	0.70860712
BTC	Kraken	2328.303 Bitstamp	2424.53	4.049248101	96.227	1
BTC	Kraken	2448.417 Bitstamp	2509.99	2.483579908	61.573	0.53
BTC	Kraken	2452.686 Bitstamp	2517.63	2.613274488	64.944	0.9709209
BTC	Kraken	2493.001 Bitstamp	2552	2.338909348	58.999	0.73543402
BTC	Kraken	2484.396 Bitstamp	2547.33	2.501487561	62.934	1
BTC	Kraken	2506.824 Bitstamp	2605	3.841133811	98.176	1.781
BTC	Kraken	2450 Bitstamp	2549.07	3.963537218	99.07	0.52107611
BTC	Kraken	2504.655 Bitstamp	2570	2.575347487	65.345	1.06440047
BTC	Kraken	2504.053 Bitstamp	2561.81	2.280243268	57.757	1
BTC	Kraken	2510.572 Bitstamp	2552.7	1.66406229	42.128	1.5271
BTC	Kraken	2495.934 Bitstamp	2591.76	3.766971834	95.826	0.83565404

BTC	Kraken	2495 Bitstamp	2539.92	1.784338182	44.92	1.653
BTC	Kraken	2491.8 Bitstamp	2533.85	1.673415379	42.05	1.77
BTC	Kraken	2450.001 Bitstamp	2538.3	3.540243462	88.299	0.53609156
BTC	Kraken	2450.011 Bitstamp	2557.19	4.280994512	107.179	0.913
BTC	Kraken	2447.006 Bitstamp	2557.14	4.401710102	110.134	1

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
ETH	Kraken	345.06811	Bitfinex	342	0.893102141	3.06811	9.36921368
ETH	Kraken	353.37904	Bitfinex	350.66	0.772411712	2.71904	9.27707188
ETH	Kraken	348.20347	Bitfinex	344	1.214518615	4.20347	14.84456571
ETH	Kraken	352.89996	Bitfinex	349.35	1.011024621	3.54996	6.069
ETH	Kraken	345.001	Bitfinex	347.61	0.753381047	2.609	5.34987169
ETH	Kraken	351.40015	Bitfinex	347.56	1.098818008	3.84015	5.02589038
ETH	Kraken	353.19398	Bitfinex	350.5	0.765668054	2.69398	14.9
ETH	Kraken	350.10003	Bitfinex	347	0.889407507	3.10003	6
ETH	Kraken	347.1	Bitfinex	349.6	0.717669011	2.5	8.52251828
ETH	Kraken	353.0011	Bitfinex	349.44	1.01392131	3.5611	13.87872421
ETH	Kraken	345.00001	Bitfinex	342.73	0.660145687	2.27001	6.783
ETH	Kraken	353.9834	Bitfinex	351.18	0.795106496	2.8034	6.6573
ETH	Kraken	354.51293	Bitfinex	350.2	1.224024654	4.31293	6
ETH	Kraken	347	Bitfinex	348.93	0.554653485	1.93	7
ETH	Kraken	345	Bitfinex	342.78	0.645555265	2.22	13.79304003
ETH	Kraken	345.00001	Bitfinex	349.38	1.261554174	4.37999	14.7823
ETH	Kraken	356	Bitfinex	352.79	0.905768987	3.21	9.92604628
ETH	Kraken	353.3	Bitfinex	350.01	0.935576062	3.29	7.59908448
ETH	Kraken	350.999	Bitfinex	347.9	0.886823418	3.099	6.127
ETH	Kraken	354.48399	Bitfinex	350	1.272985636	4.48399	5.77642203

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
ETH	Kraken	350.48986	Poloniex	336.5000001	4.072799531	13.9898599	5.26950857
ETH	Kraken	353.57	Poloniex	341.949	3.341677222	11.621	6.61031423
ETH	Kraken	347.7099	Poloniex	335.3	3.633885834	12.4099	8.178845
ETH	Kraken	345.06811	Poloniex	337.55	2.202727965	7.51811	5.100268
ETH	Kraken	353.37904	Poloniex	338.9	4.18300689	14.47903997	8.627
ETH	Kraken	350.10997	Poloniex	337.8	3.578947987	12.30997001	5.5633
ETH	Kraken	343.99306	Poloniex	350.1399999	1.771112853	6.14693992	7.3995
ETH	Kraken	349	Poloniex	341.5	2.172338885	7.5	5.50149741
ETH	Kraken	342.81587	Poloniex	333.7	2.694946388	9.11587	8.271
ETH	Kraken	357.09378	Poloniex	349.5	2.149404712	7.59378	6.45180219
ETH	Kraken	349.25379	Poloniex	337.31	3.479295056	11.94379	6.55913098
ETH	Kraken	354	Poloniex	347.3260686	1.903232091	6.6739314	7.838
ETH	Kraken	353.00101	Poloniex	338.1	4.312252416	14.90101	5.01169624
ETH	Kraken	345.00002	Poloniex	353	2.292257814	7.99998	7.46072898
ETH	Kraken	356.5133	Poloniex	348	2.416789009	8.5133	7.35069469
ETH	Kraken	354.9996	Poloniex	348	1.991352484	6.9996	6
ETH	Kraken	345.28	Poloniex	333.3029021	3.530032323	11.97709789	9.819136
ETH	Kraken	354.7995	Poloniex	342	3.673797125	12.7995	5.641
ETH	Kraken	352.5	Poloniex	337.1	4.466357309	15.4	7.45761635
ETH	Kraken	356.21004	Poloniex	350	1.758694906	6.21004	7
ETH	Kraken	356.99989	Poloniex	351.49986	1.552584887	5.50003002	7.928
ETH	Kraken	355.2671	Poloniex	349.0650722	1.761108777	6.20202785	6
ETH	Kraken	356.74998	Poloniex	351	1.624861935	5.74998001	8.67809875
ETH	Kraken	357.50001	Poloniex	347.0000001	2.980840235	10.50000988	6.31652566
ETH	Kraken	357.11098	Poloniex	344.0365	3.729452186	13.07448001	11.32839
ETH	Kraken	354.96	Poloniex	342.79979	3.485500373	12.16021004	5.10294345
ETH	Kraken	357.7262	Poloniex	342	4.494958171	15.7262	6
ETH	Kraken	352.94997	Poloniex	345.97	1.997358868	6.97997	5.77442621
ETH	Kraken	353.95	Poloniex	339.8513254	4.064182089	14.0986746	7.001492
ETH	Kraken	352.00357	Poloniex	342.6031904	2.706676674	9.40037958	13.75080731
ETH	Kraken	350.00001	Poloniex	342.6031904	2.135947271	7.39681958	8.044333
ETH	Kraken	351.01005	Poloniex	342.6031904	2.424077019	8.40685958	13.809
ETH	Kraken	348.5	Poloniex	340.3	2.380952381	8.2	13.9139718
ETH	Kraken	359.72928	Poloniex	354	1.605449063	5.72928002	9.8138
ETH	Kraken	354.4167	Poloniex	344.021	2.97684389	10.3957	10
ETH	Kraken	343.19999	Poloniex	336.5	1.971455083	6.69999	6.189082
ETH	Kraken	359.90011	Poloniex	349	3.075217463	10.90010999	6
ETH	Kraken	352.50035	Poloniex	343.3	2.64453733	9.20035	5.51838116
ETH	Kraken	347.1	Poloniex	354	1.968335478	6.90000002	11.79199924
ETH	Kraken	345	Poloniex	354	2.575107302	9.00000002	9.08444456
ETH	Kraken	352.99	Poloniex	337.49965	4.486772542	15.49035001	5.37563
ETH	Kraken	354.28928	Poloniex	344.51497	2.797438616	9.77430997	6
ETH	Kraken	356	Poloniex	341.24274	4.233033675	14.75725999	5.6907339
ETH	Kraken	358	Poloniex	347	3.120567376	11	5.47459614
ETH	Kraken	356	Poloniex	341.5500693	4.143051903	14.44993071	5.73019315
ETH	Kraken	344	Poloniex	349.51	1.589018183	5.51	6.06299396
ETH	Kraken	354.99999	Poloniex	348	1.99146233	6.99998999	6.952141
ETH	Kraken	351.50001	Poloniex	345.2857143	1.783703513	6.21429572	5.43028547
ETH	Kraken	359.99	Poloniex	350.7495	2.600249458	9.2405	11.02490278

ETH	Kraken	360 Poloniex	349.0650722	3.084322802	10.93492785	12.477332
ETH	Kraken	359.98 Poloniex	351	2.526090745	8.979999999	5.17140928
ETH	Kraken	359.7293 Poloniex	349.5	2.884624194	10.229299999	6.67044446
ETH	Kraken	359.8 Poloniex	349	3.047404063	10.8	10
ETH	Kraken	357.09387 Poloniex	344.027	3.727422919	13.06687	13.227057
ETH	Kraken	357.10253 Poloniex	351.5	1.581289866	5.60253	6.06064964
ETH	Kraken	348.25 Poloniex	335.89547	3.61166756	12.35453	5.2052615
ETH	Kraken	351.5 Poloniex	340.75	3.105814373	10.75	14.28890737
ETH	Kraken	353.37904 Poloniex	341.4826006	3.424117466	11.8964394	5.72292812
ETH	Kraken	360.88 Poloniex	353.5	2.066127271	7.38	5.80254612
ETH	Kraken	349.88258 Poloniex	335.25312	4.270529181	14.62946	7
ETH	Kraken	344.00001 Poloniex	337.9	1.789121546	6.10001	8.01515855
ETH	Kraken	353.00013 Poloniex	345.3	2.205392687	7.70013	6
ETH	Kraken	352.51 Poloniex	345.2999999	2.06646511	7.21000009	6.18482458
ETH	Kraken	354 Poloniex	347.35	1.896342768	6.65	6.846162
ETH	Kraken	353 Poloniex	347.35	1.613478975	5.65	5.447816



## APPENDIX 2

### Table of Trade Events

(12.6. - 17.6.)

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
BTC	Bitstamp	2570	Bitfinex	2519.5	1.984477847	50.5	1.002
BTC	Bitstamp	2565	Bitfinex	2500	2.566633761	65	0.88981872
BTC	Bitstamp	2566.09	Bitfinex	2500	2.609112748	66.09	1
BTC	Bitstamp	2554.5	Bitfinex	2494.9	2.360676516	59.6	1.607977
BTC	Bitstamp	2553.1	Bitfinex	2495.2	2.293841491	57.9	1.39609097
BTC	Bitstamp	2555	Bitfinex	2484.8	2.785824834	70.2	0.9041
BTC	Bitstamp	2582.39	Bitfinex	2521.6	2.382057959	60.79	1
BTC	Bitstamp	2581.33	Bitfinex	2533.9	1.854462067	47.43	1.002
BTC	Bitstamp	2539.99	Bitfinex	2485.1	2.184637489	54.89	0.9
BTC	Bitstamp	2539.95	Bitfinex	2484.1	2.223305899	55.85	1.32
BTC	Bitstamp	2530.9	Bitfinex	2480.7	2.003352223	50.2	2.407459
BTC	Bitstamp	2542.22	Bitfinex	2472.9	2.764440332	69.32	0.88815221
BTC	Bitstamp	2538.24	Bitfinex	2476.3	2.47041603	61.94	1.198
BTC	Bitstamp	2530.95	Bitfinex	2472.501212	2.336338891	58.44878827	1.735
BTC	Bitstamp	2529	Bitfinex	2467.1	2.477932788	61.9	1.00338246
BTC	Bitstamp	2540	Bitfinex	2470	2.794411178	70	0.9163
BTC	Bitstamp	2528.15	Bitfinex	2475	2.124661463	53.15	1
BTC	Bitstamp	2549.8	Bitfinex	2483.292241	2.642818981	66.50775854	1
BTC	Bitstamp	2546.73	Bitfinex	2483	2.534132051	63.73	1
BTC	Bitstamp	2545	Bitfinex	2479.7	2.599160149	65.3	1
BTC	Bitstamp	2541.94	Bitfinex	2479.2	2.499034084	62.74	1.02909676
BTC	Bitstamp	2496	Bitfinex	2446	2.023472278	50	1
BTC	Bitstamp	2439.84	Bitfinex	2492.6	2.139306307	52.76	0.939
BTC	Bitstamp	2415	Bitfinex	2474.1	2.417622875	59.1	1.18338232
BTC	Bitstamp	2415	Bitfinex	2474.2	2.421664076	59.2	0.9203645
BTC	Bitstamp	2401.11	Bitfinex	2465.7	2.654305387	64.59	1.593
BTC	Bitstamp	2702	Bitfinex	2649	1.980938142	53	0.9012634
BTC	Bitstamp	2717.43	Bitfinex	2652.7	2.410742384	64.73	0.95167689
BTC	Bitstamp	2704.62	Bitfinex	2655.9	1.8177341	48.72	1.11643987
BTC	Bitstamp	2722.7	Bitfinex	2647.7	2.793088038	75	0.84839247
BTC	Bitstamp	2740	Bitfinex	2690.4	1.826753094	49.6	0.88005079
BTC	Bitstamp	2755	Bitfinex	2698.4	2.075769245	56.6	0.8366
BTC	Bitstamp	2763.98	Bitfinex	2703	2.230847744	60.98	1.3
BTC	Bitstamp	2764.47	Bitfinex	2715	1.805649086	49.47	1
BTC	Bitstamp	2755.96	Bitfinex	2703.1	1.936597143	52.86	1
BTC	Bitstamp	2755.58	Bitfinex	2703.2	1.919110131	52.38	1
BTC	Bitstamp	2748.01	Bitfinex	2694.7	1.958950596	53.31	1
BTC	Bitstamp	2742.84	Bitfinex	2668	2.766298763	74.84	0.80995821
BTC	Bitstamp	2442.27	Bitfinex	2487.4	1.830954202	45.13	1.088
BTC	Bitstamp	2430.05	Bitfinex	2480	2.034602499	49.95	2.27310982
BTC	Bitstamp	2455.99	Bitfinex	2512	2.254835457	56.01	1.8626
BTC	Bitstamp	2396	Bitfinex	2444	1.983471074	48	1.07393978
BTC	Bitstamp	2390	Bitfinex	2435	1.865284974	45	1.1014
BTC	Bitstamp	2441.28	Bitfinex	2500.1	2.380711461	58.82	1.21625232
BTC	Bitstamp	2489.12	Bitfinex	2427.8	2.494244364	61.32	1.002
BTC	Bitstamp	2489.9	Bitfinex	2427.8	2.525570897	62.1	1.002
BTC	Bitstamp	2490	Bitfinex	2425.1	2.640841488	64.9	1.77
BTC	Bitstamp	2457.14	Bitfinex	2404.8	2.153050017	52.34	1.4027
BTC	Bitstamp	2457	Bitfinex	2404.7	2.151510788	52.3	1

BTC	Bitstamp	2459.5 Bitfinex	2403.3	2.311425516	56.2	1.21481817
BTC	Bitstamp	2453 Bitfinex	2399.1	2.221718431	53.9	0.85802991
BTC	Bitstamp	2450 Bitfinex	2399.9	2.06602198	50.1	1.241493
BTC	Bitstamp	2415 Bitfinex	2367	2.007528231	48	2.04471446
BTC	Bitstamp	2368 Bitfinex	2306.7	2.62262819	61.3	0.9
BTC	Bitstamp	2754.16 Bitfinex	2703.1	1.871268732	51.06	1.05708548
BTC	Bitstamp	2758.99 Bitfinex	2705.1	1.972515094	53.89	0.9292442
BTC	Bitstamp	2751.68 Bitfinex	2700.8	1.866306708	50.88	1.39282259
BTC	Bitstamp	2420 Bitfinex	2370.2	2.079245125	49.8	1.05500821
BTC	Bitstamp	2435.48 Bitfinex	2369.7	2.737878706	65.78	1.45900716
BTC	Bitstamp	2326.32 Bitfinex	2385	2.491021625	58.68	2.1528821
BTC	Bitstamp	2334.59 Bitfinex	2397.617625	2.663772609	63.02762527	1
BTC	Bitstamp	2339.99 Bitfinex	2397.4	2.423697437	57.41	1
BTC	Bitstamp	2338 Bitfinex	2392.574021	2.307289571	54.5740205	1.3
BTC	Bitstamp	2334.95 Bitfinex	2388.202896	2.254972369	53.25289637	1.40265406
BTC	Bitstamp	2339.94 Bitfinex	2389.5	2.095808383	49.56	1
BTC	Bitstamp	2343.49 Bitfinex	2389.6	1.948410024	46.11	1
BTC	Bitstamp	2343.41 Bitfinex	2390	1.968559664	46.59	1.384
BTC	Bitstamp	2341.95 Bitfinex	2394.5	2.218961458	52.55	1.77
BTC	Bitstamp	2309.46 Bitfinex	2356	1.995087301	46.54	0.95826101
BTC	Bitstamp	2312.05 Bitfinex	2261	2.232645609	51.05	1.636898
BTC	Bitstamp	2312.42 Bitfinex	2260	2.292877732	52.42	2.146029
BTC	Bitstamp	2262.64 Bitfinex	2310	2.071451065	47.36	1.20397489
BTC	Bitstamp	2238.75 Bitfinex	2299.7	2.685939032	60.95	1.58991647
BTC	Bitstamp	2328.54 Bitfinex	2387.866656	2.515756608	59.32665606	2.12531858
BTC	Bitstamp	2416.65 Bitfinex	2358.4	2.439765029	58.25	1.56
BTC	Bitstamp	2387.92 Bitfinex	2330.8	2.420995524	57.12	2
BTC	Bitstamp	2468.07 Bitfinex	2414.9	2.177772954	53.17	1.06872013
BTC	Bitstamp	2468.62 Bitfinex	2417.4	2.096593956	51.22	1.002
BTC	Bitstamp	2466.48 Bitfinex	2417.4	2.009877393	49.08	1.683
BTC	Bitstamp	2316.05 Bitfinex	2380	2.72356555	63.95	2
BTC	Bitstamp	2421.93 Bitfinex	2356.8	2.725828829	65.13	0.85805183
BTC	Bitstamp	2272.35 Bitfinex	2315	1.859461345	42.65	0.97519798
BTC	Bitstamp	2271 Bitfinex	2313	1.832460733	42	0.92958474
BTC	Bitstamp	2317 Bitfinex	2254.3	2.743202153	62.7	1.79
BTC	Bitstamp	2286 Bitfinex	2340.2	2.343175825	54.2	0.977
BTC	Bitstamp	2227.53 Bitfinex	2271.5	1.954643556	43.97	2
BTC	Bitstamp	2209.96 Bitfinex	2260	2.23894621	50.04	1.18663694
BTC	Bitstamp	2209.89 Bitfinex	2260	2.242113341	50.11	0.8889729
BTC	Bitstamp	2210.62 Bitfinex	2260	2.209089567	49.38	2
BTC	Bitstamp	2283.07 Bitfinex	2222	2.71116764	61.07	2.32313461
BTC	Bitstamp	2348 Bitfinex	2301.1	2.017594803	46.9	1.32254684
BTC	Bitstamp	2358.53 Bitfinex	2301.1	2.465002586	57.43	2.08849156
BTC	Bitstamp	2417.01 Bitfinex	2355	2.598904864	62.01	1.75127542
BTC	Bitstamp	2466 Bitfinex	2408.1	2.375823229	57.9	1.80856
BTC	Bitstamp	2453.7 Bitfinex	2397	2.337806914	56.7	1.9631
BTC	Bitstamp	2466 Bitfinex	2400.6	2.687708051	65.4	1
BTC	Bitstamp	2477 Bitfinex	2409.7	2.754415045	67.3	1
BTC	Bitstamp	2440.74 Bitfinex	2379.1	2.557761253	61.64	0.89923881
BTC	Bitstamp	2487 Bitfinex	2426.4	2.466723654	60.6	0.921

BTC	Bitstamp	2375.36 Bitfinex	2329.2	1.962351421	46.16	1.351611
BTC	Bitstamp	2373.89 Bitfinex	2329	1.90903891	44.89	1.66
BTC	Bitstamp	2334.59 Bitfinex	2382.1	2.014548338	47.51	1.47614376
BTC	Bitstamp	2331.43 Bitfinex	2382.4	2.162572685	50.97	1.2052
BTC	Bitstamp	2327.15 Bitfinex	2381.5	2.308517303	54.35	2
BTC	Bitstamp	2325.07 Bitfinex	2390	2.754147871	64.93	2.07424987
BTC	Bitstamp	2471.49 Bitfinex	2405.8	2.693709006	65.69	1.05661851
BTC	Bitstamp	2471.84 Bitfinex	2406.2	2.691244844	65.64	1.77
BTC	Bitstamp	2471.1 Bitfinex	2404.1	2.748605185	67	0.9355
BTC	Bitstamp	2344.52 Bitfinex	2402.2	2.430309772	57.68	0.91083
BTC	Bitstamp	2338.9 Bitfinex	2396	2.411877759	57.1	0.91083
BTC	Bitstamp	2324.02 Bitfinex	2383	2.506044164	58.98	1
BTC	Bitstamp	2389.99 Bitfinex	2436.6	1.931384269	46.61	2
BTC	Bitstamp	2372 Bitfinex	2430.2	2.423889051	58.2	0.96404242
BTC	Bitstamp	2362 Bitfinex	2424	2.590890096	62	0.96484934
BTC	Bitstamp	2439.48 Bitfinex	2373.2	2.754390485	66.28	1.1149
BTC	Bitstamp	2394.99 Bitfinex	2445.9	2.103332238	50.91	1.162641
BTC	Bitstamp	2483 Bitfinex	2536.5	2.131686423	53.5	1
BTC	Bitstamp	2440 Bitfinex	2502.2	2.517097649	62.2	1
BTC	Bitstamp	2465 Bitfinex	2513.6	1.952356084	48.6	0.8826
BTC	Bitstamp	2439.91 Bitfinex	2486.5	1.891438187	46.59	1.24993638
BTC	Bitstamp	2433.97 Bitfinex	2487	2.155266137	53.03	1
BTC	Bitstamp	2433 Bitfinex	2499	2.676399027	66	1.002
BTC	Bitstamp	2444.86 Bitfinex	2499	2.19019147	54.14	1.288
BTC	Bitstamp	2434.98 Bitfinex	2500	2.635066404	65.02	1.605677
BTC	Bitstamp	2465.46 Bitfinex	2420	1.861032533	45.46	0.91379473
BTC	Bitstamp	2474.31 Bitfinex	2426.352515	1.957183725	47.95748458	1.82793991
BTC	Bitstamp	2390 Bitfinex	2444.8	2.266898321	54.8	1.5367
BTC	Bitstamp	2400 Bitfinex	2446.5	1.918910554	46.5	1.611
BTC	Bitstamp	2467.7 Bitfinex	2515.1	1.902544754	47.4	1
BTC	Bitstamp	2476 Bitfinex	2528.4	2.094157142	52.4	1.002
BTC	Bitstamp	2460.67 Bitfinex	2512.9	2.100302197	52.23	1.0634
BTC	Bitstamp	2495.71 Bitfinex	2427	2.791551808	68.71	1.15344059
BTC	Bitstamp	2495 Bitfinex	2450	1.820020222	45	1.64593563
BTC	Bitstamp	2457 Bitfinex	2508	2.054380665	51	1.00712972
BTC	Bitstamp	2452.31 Bitfinex	2517.1	2.607553009	64.79	1.07403443
BTC	Bitstamp	2445 Bitfinex	2500.1	2.228468585	55.1	1
BTC	Bitstamp	2426.85 Bitfinex	2485.1	2.371766814	58.25	1.8996
BTC	Bitstamp	2493.23 Bitfinex	2442.2	2.067904924	51.03	0.939
BTC	Bitstamp	2494 Bitfinex	2549.9	2.216538789	55.9	0.84169548
BTC	Bitstamp	2485.78 Bitfinex	2549.9	2.546627268	64.12	1.77910146
BTC	Bitstamp	2527 Bitfinex	2465.4	2.467750981	61.6	1.982
BTC	Bitstamp	2517.76 Bitfinex	2465.9	2.081201366	51.86	1.04576069
BTC	Bitstamp	2519.95 Bitfinex	2469	2.042513956	50.95	0.93022877
BTC	Bitstamp	2534.14 Bitfinex	2473.3	2.429984184	60.84	1.38810598
BTC	Bitstamp	2535.79 Bitfinex	2474	2.466770064	61.79	1.14849067
BTC	Bitstamp	2538.3 Bitfinex	2479.7	2.335591869	58.6	1.3313
BTC	Bitstamp	2538.27 Bitfinex	2480	2.322314264	58.27	1.12585633
BTC	Bitstamp	2549.99 Bitfinex	2487	2.501096885	62.99	0.89555591
BTC	Bitstamp	2569.6 Bitfinex	2501.515371	2.685193441	68.08462868	0.91083

BTC	Bitstamp	2575.41	Bitfinex	2505.5	2.751869252	69.91	0.956965
BTC	Bitstamp	2534.69	Bitfinex	2472.6	2.479984183	62.09	1.4119166
BTC	Bitstamp	2616.94	Bitfinex	2687.6	2.664132988	70.66	0.97497206
BTC	Bitstamp	2623.67	Bitfinex	2695	2.68224951	71.33	0.91085257
BTC	Bitstamp	2569.97	Bitfinex	2642.2	2.771590336	72.23	1.04330158
BTC	Bitstamp	2723.58	Bitfinex	2649	2.776319757	74.58	1.32665982
BTC	Bitstamp	2748	Bitfinex	2689.6	2.148006473	58.4	0.84756398
BTC	Bitstamp	2765.82	Bitfinex	2708.5	2.094141373	57.32	0.81515254
BTC	Bitstamp	2767.43	Bitfinex	2713.1	1.982654962	54.33	1.41259446
BTC	Bitstamp	2766	Bitfinex	2710.1	2.041598948	55.9	1
BTC	Bitstamp	2767.5	Bitfinex	2695.282667	2.643976078	72.21733345	1.19926845
BTC	Bitstamp	2761.03	Bitfinex	2685.7	2.766063308	75.33	0.88
BTC	Bitstamp	2751	Bitfinex	2680	2.614619775	71	1.77
BTC	Bitstamp	2736.05	Bitfinex	2668.1	2.514734047	67.95	1.401
BTC	Bitstamp	2736.04	Bitfinex	2667.9	2.521863677	68.14	1.649
BTC	Bitstamp	2730	Bitfinex	2657.93697	2.674976731	72.06303011	1
BTC	Bitstamp	2715.99	Bitfinex	2652.8	2.353975477	63.19	1.2922
BTC	Bitstamp	2598.57	Bitfinex	2657.9	2.257408489	59.33	1.12176475
BTC	Bitstamp	2695	Bitfinex	2646	1.834862385	49	0.916
BTC	Bitstamp	2690.96	Bitfinex	2625.9	2.447309126	65.06	1.3192017
BTC	Bitstamp	2684.56	Bitfinex	2629.4	2.07604122	55.16	1
BTC	Bitstamp	2425	Bitfinex	2490.218285	2.653728935	65.21828492	1
BTC	Bitstamp	2454.53	Bitfinex	2505.3	2.047247587	50.77	1
BTC	Bitstamp	2419.99	Bitfinex	2476.6	2.312221362	56.61	2
BTC	Bitstamp	2406.7	Bitfinex	2466	2.433968847	59.3	1.1
BTC	Bitstamp	2405.01	Bitfinex	2465.4	2.479873358	60.39	0.81
BTC	Bitstamp	2458.31	Bitfinex	2503.4	1.817518557	45.09	0.99238122
BTC	Bitstamp	2352.38	Bitfinex	2410	2.419798504	57.62	0.9673619
BTC	Bitstamp	2429.49	Bitfinex	2373	2.352529625	56.49	1
BTC	Bitstamp	2340.69	Bitfinex	2404.4	2.68530207	63.71	1.47
BTC	Bitstamp	2332.23	Bitfinex	2385.058954	2.239801468	52.82895362	0.95342157
BTC	Bitstamp	2299.99	Bitfinex	2359.04176	2.534936995	59.05175984	1
BTC	Bitstamp	2299.82	Bitfinex	2359	2.54055748	59.18	1.69
BTC	Bitstamp	2310.62	Bitfinex	2354.3	1.872700925	43.68	0.82
BTC	Bitstamp	2304.5	Bitfinex	2363.1	2.510926386	58.6	0.97987708
BTC	Bitstamp	2303.48	Bitfinex	2359.4	2.398517654	55.92	1.005
BTC	Bitstamp	2255.86	Bitfinex	2317	2.674037692	61.14	0.98
BTC	Bitstamp	2316.94	Bitfinex	2368	2.179750434	51.06	0.90280666
BTC	Bitstamp	2323.5	Bitfinex	2367.9	1.892825169	44.4	1
BTC	Bitstamp	2400	Bitfinex	2350.4	2.0882452	49.6	0.83643579
BTC	Bitstamp	2389	Bitfinex	2331	2.457627119	58	1.59
BTC	Bitstamp	2284.39	Bitfinex	2339.9	2.400800988	55.51	1.31830809
BTC	Bitstamp	2441.05	Bitfinex	2378	2.616698312	63.05	1
BTC	Bitstamp	2319.77	Bitfinex	2375	2.352830916	55.23	0.99
BTC	Bitstamp	2459.01	Bitfinex	2396.5	2.574806766	62.51	2
BTC	Bitstamp	2441.94	Bitfinex	2378.8	2.619514846	63.14	0.86838587
BTC	Bitstamp	2432.26	Bitfinex	2387.4	1.8615421	44.86	1.384
BTC	Bitstamp	2399.17	Bitfinex	2340	2.497061722	59.17	0.80991069
BTC	Bitstamp	2274.96	Bitfinex	2335.6	2.630483065	60.64	2.03883103
BTC	Bitstamp	2275	Bitfinex	2338.9	2.769890982	63.9	2.2

BTC	Bitstamp	2279.21 Bitfinex	2341.1	2.679041017	61.89	1.72914442
BTC	Bitstamp	2288.33 Bitfinex	2341	2.27549127	52.67	2.47
BTC	Bitstamp	2281.03 Bitfinex	2341	2.594963685	59.97	0.90216213
BTC	Bitstamp	2277.1 Bitfinex	2340	2.724654004	62.9	0.9491043
BTC	Bitstamp	2285.91 Bitfinex	2345	2.551982224	59.09	1.52118944
BTC	Bitstamp	2319.99 Bitfinex	2371.9	2.212754348	51.91	0.8674931
BTC	Bitstamp	2320.01 Bitfinex	2367	2.005116268	46.99	0.8491976
BTC	Bitstamp	2308.72 Bitfinex	2371.8	2.695427004	63.08	1.715
BTC	Bitstamp	2313.98 Bitfinex	2373	2.518466049	59.02	0.91204185
BTC	Bitstamp	2448.52 Bitfinex	2393	2.293494605	55.52	0.9138
BTC	Bitstamp	2444.24 Bitfinex	2380.2	2.654815896	64.04	0.851
BTC	Bitstamp	2426.4 Bitfinex	2372.7	2.23791961	53.7	1
BTC	Bitstamp	2430 Bitfinex	2371.3	2.445171099	58.7	1
BTC	Bitstamp	2425.82 Bitfinex	2377.5	2.01194174	48.32	1
BTC	Bitstamp	2431.58 Bitfinex	2378.9	2.190218024	52.68	0.99562059
BTC	Bitstamp	2432.5 Bitfinex	2374.5	2.413147493	58	0.91
BTC	Bitstamp	2614.86 Bitfinex	2674.8	2.266308232	59.94	1

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
BTC	Bitstamp	2552.18	Poloniex	2500.187	2.058177	51.99333	0.918481
BTC	Bitstamp	2545.21	Poloniex	2506.481	1.533294	38.72863	1
BTC	Bitstamp	2555.15	Poloniex	2506.692	1.914637	48.45795	2
BTC	Bitstamp	2554.76	Poloniex	2491.011	2.526828	63.74898	2
BTC	Bitstamp	2587.85	Poloniex	2516.819	2.782998	71.03142	1.002
BTC	Bitstamp	2580.74	Poloniex	2518	2.461	62.74	1.616619
BTC	Bitstamp	2580	Poloniex	2518	2.432326	62	1.959204
BTC	Bitstamp	2572.14	Poloniex	2513.817	2.293479	58.32267	1.24729
BTC	Bitstamp	2567.19	Poloniex	2510	2.252821	57.19	0.988769
BTC	Bitstamp	2557	Poloniex	2506	2.014616	51	1.312
BTC	Bitstamp	2526.98	Poloniex	2458	2.767514	68.98	0.994266
BTC	Bitstamp	2526.62	Poloniex	2465	2.468938	61.62	0.989116
BTC	Bitstamp	2500	Poloniex	2458	1.694232	42	0.871215
BTC	Bitstamp	2504.89	Poloniex	2448	2.297245	56.89	1.21787
BTC	Bitstamp	2493.81	Poloniex	2440.851	2.146407	52.95896	2.378
BTC	Bitstamp	2493.81	Poloniex	2449.309	1.800524	44.50102	0.91083
BTC	Bitstamp	2537	Poloniex	2500	1.469128	37	1.499996
BTC	Bitstamp	2533.44	Poloniex	2500	1.328714	33.44	1
BTC	Bitstamp	2542.31	Poloniex	2496.451	1.820257	45.8592	1
BTC	Bitstamp	2531.42	Poloniex	2491	1.609583	40.42	1.312
BTC	Bitstamp	2525	Poloniex	2491	1.355662	34	1.191482
BTC	Bitstamp	2528.45	Poloniex	2473	2.217357	55.45	1.808261
BTC	Bitstamp	2542.48	Poloniex	2479.44	2.510585	63.03979	1.415778
BTC	Bitstamp	2544.55	Poloniex	2482	2.488785	62.55	0.916919
BTC	Bitstamp	2538.99	Poloniex	2484.058	2.187195	54.93192	2
BTC	Bitstamp	2525.05	Poloniex	2474.232	2.033027	50.81836	1.312
BTC	Bitstamp	2527.8	Poloniex	2475	2.110818	52.8	0.937305
BTC	Bitstamp	2526.36	Poloniex	2474.232	2.084888	52.12836	2
BTC	Bitstamp	2520	Poloniex	2473.941	1.84458	46.05862	1.325382
BTC	Bitstamp	2535.01	Poloniex	2468	2.678787	67.01	1
BTC	Bitstamp	2544.94	Poloniex	2490.125	2.17735	54.8155	1.175988
BTC	Bitstamp	2538	Poloniex	2490.125	1.904308	47.8755	0.926842
BTC	Bitstamp	2521.64	Poloniex	2470	2.069059	51.64	1.917043
BTC	Bitstamp	2521.64	Poloniex	2470	2.069059	51.64	1.090112
BTC	Bitstamp	2446.94	Poloniex	2485.497	1.563388	38.55657	1.216883
BTC	Bitstamp	2437.36	Poloniex	2486.8	2.008058	49.44	0.90999
BTC	Bitstamp	2441.01	Poloniex	2510	2.786906	68.99	1.5
BTC	Bitstamp	2463.96	Poloniex	2509	1.811396	45.04	0.975725
BTC	Bitstamp	2463.83	Poloniex	2510.059	1.85887	46.22907	0.957422
BTC	Bitstamp	2454.39	Poloniex	2515.729	2.468294	61.33858	1
BTC	Bitstamp	2454	Poloniex	2515.729	2.484183	61.72858	1.254386
BTC	Bitstamp	2467.07	Poloniex	2506.296	1.577452	39.22622	1.134
BTC	Bitstamp	2461	Poloniex	2502.366	1.666857	41.36612	1
BTC	Bitstamp	2459.99	Poloniex	2500	1.61331	40.01	0.804362
BTC	Bitstamp	2444.85	Poloniex	2494.707	2.018685	49.85705	1.228279
BTC	Bitstamp	2439.99	Poloniex	2488	1.948462	48.01	1.12
BTC	Bitstamp	2432.88	Poloniex	2475	1.716423	42.12	1.280579
BTC	Bitstamp	2439.96	Poloniex	2475	1.425851	35.04	1.712
BTC	Bitstamp	2437.4	Poloniex	2488	2.054655	50.6	1.528551

BTC	Bitstamp	2406.04 Poloniex	2474.164	2.791833	68.12356	0.876449
BTC	Bitstamp	2723.1 Poloniex	2651	2.68324	72.1	1.008277
BTC	Bitstamp	2736.59 Poloniex	2670.782	2.434001	65.80774	1
BTC	Bitstamp	2420 Poloniex	2386.291	1.402686	33.7086	1.569577
BTC	Bitstamp	2440.04 Poloniex	2387.1	2.193431	52.94	1.114826
BTC	Bitstamp	2422.51 Poloniex	2383	1.644362	39.51	1.678
BTC	Bitstamp	2420 Poloniex	2379.197	1.700429	40.80348	1.712
BTC	Bitstamp	2435.15 Poloniex	2391.768	1.797488	43.38164	1.002
BTC	Bitstamp	2410 Poloniex	2375	1.462905	35	0.864732
BTC	Bitstamp	2345.82 Poloniex	2398.04	2.201563	52.21953	2
BTC	Bitstamp	2356.58 Poloniex	2403.7	1.979715	47.12	1.296955
BTC	Bitstamp	2429.42 Poloniex	2385.358	1.830265	44.0616	0.844995
BTC	Bitstamp	2444.83 Poloniex	2390	2.268125	54.83	0.973312
BTC	Bitstamp	2459.75 Poloniex	2398	2.542329	61.75	1
BTC	Bitstamp	2450.12 Poloniex	2414.927	1.446749	35.19251	1.107919
BTC	Bitstamp	2460.15 Poloniex	2409.5	2.080232	50.65	1.055132
BTC	Bitstamp	2457.29 Poloniex	2399.78	2.368094	57.51	1
BTC	Bitstamp	2449 Poloniex	2406	1.77137	43	1.712
BTC	Bitstamp	2360 Poloniex	2401	1.722327	41	0.83513
BTC	Bitstamp	2352.03 Poloniex	2400	2.018927	47.97	0.945493
BTC	Bitstamp	2310 Poloniex	2372.358	2.663535	62.35813	0.870499
BTC	Bitstamp	2336.74 Poloniex	2383	1.960277	46.26	1
BTC	Bitstamp	2350 Poloniex	2382	1.352494	32	1.187107
BTC	Bitstamp	2413.78 Poloniex	2359	2.295517	54.78	1.002
BTC	Bitstamp	2390 Poloniex	2326.223	2.704597	63.7774	1.781385
BTC	Bitstamp	2289.91 Poloniex	2335	1.949876	45.09	1.2239
BTC	Bitstamp	2292.73 Poloniex	2335	1.826814	42.27	0.982344
BTC	Bitstamp	2318.87 Poloniex	2370.933	2.220264	52.063	0.803536
BTC	Bitstamp	2300 Poloniex	2362.682	2.688675	62.68218	0.8601
BTC	Bitstamp	2306 Poloniex	2361	2.356975	55	1.56
BTC	Bitstamp	2315.96 Poloniex	2362.559	1.992043	46.59905	1.5
BTC	Bitstamp	2322 Poloniex	2370.126	2.051335	48.12561	1.226603
BTC	Bitstamp	2410 Poloniex	2373	1.547146	37	1
BTC	Bitstamp	2420 Poloniex	2388.043	1.32931	31.95689	1.447639
BTC	Bitstamp	2441.28 Poloniex	2390	2.122833	51.28	1.52663
BTC	Bitstamp	2447.58 Poloniex	2386.02	2.54717	61.56	1.083308
BTC	Bitstamp	2450.01 Poloniex	2383.904	2.735097	66.10612	2
BTC	Bitstamp	2430 Poloniex	2365	2.711157	65	0.875649
BTC	Bitstamp	2430.25 Poloniex	2365	2.721443	65.25	1.392735
BTC	Bitstamp	2422.01 Poloniex	2365	2.381863	57.01	1.53523
BTC	Bitstamp	2427.97 Poloniex	2365	2.627598	62.97	1
BTC	Bitstamp	2426.88 Poloniex	2365	2.582702	61.88	0.9478
BTC	Bitstamp	2428.32 Poloniex	2372	2.34651	56.32	0.8016
BTC	Bitstamp	2426.14 Poloniex	2380	1.920044	46.14	1
BTC	Bitstamp	2750 Poloniex	2680.608	2.555573	69.39159	0.926319
BTC	Bitstamp	2732 Poloniex	2689.95	1.551114	42.05031	1.34
BTC	Bitstamp	2742.21 Poloniex	2697.318	1.650582	44.89194	2
BTC	Bitstamp	2751.22 Poloniex	2700	1.879212	51.22	1.77
BTC	Bitstamp	2749.99 Poloniex	2710.728	1.43797	39.26174	1.453707
BTC	Bitstamp	2750 Poloniex	2710.776	1.43658	39.22421	0.875131

BTC	Bitstamp	2751 Poloniex	2706.918	1.615323	44.0815	1.376576
BTC	Bitstamp	2763.3 Poloniex	2712.55	1.8536	50.75017	1
BTC	Bitstamp	2661.6 Poloniex	2701	1.469436	39.4	1.774104
BTC	Bitstamp	2645.01 Poloniex	2705.527	2.262103	60.51733	2.031
BTC	Bitstamp	2478.3 Poloniex	2416.419	2.528495	61.88135	0.979
BTC	Bitstamp	2450 Poloniex	2390	2.479339	60	1.91737
BTC	Bitstamp	2416.34 Poloniex	2350	2.783687	66.34	1
BTC	Bitstamp	2415 Poloniex	2349.503	2.749369	65.4969	1.139011
BTC	Bitstamp	2379.99 Poloniex	2334.766	1.918381	45.2235	0.857402
BTC	Bitstamp	2389.84 Poloniex	2332	2.449892	57.84	0.934372
BTC	Bitstamp	2404.99 Poloniex	2340	2.73931	64.99	0.804646
BTC	Bitstamp	2383.37 Poloniex	2325	2.479414	58.37	0.868804
BTC	Bitstamp	2389.94 Poloniex	2327.001	2.668622	62.93866	1.66
BTC	Bitstamp	2365 Poloniex	2326.885	1.624732	38.11527	2.033102
BTC	Bitstamp	2329.26 Poloniex	2377.05	2.030876	47.78966	1.584
BTC	Bitstamp	2359.03 Poloniex	2425.329	2.771499	66.29923	1.78899
BTC	Bitstamp	2418.57 Poloniex	2360	2.451361	58.57	0.91
BTC	Bitstamp	2225.02 Poloniex	2280	2.440833	54.98	0.929126
BTC	Bitstamp	2232.04 Poloniex	2266.254	1.521208	34.21421	1.5
BTC	Bitstamp	2403.33 Poloniex	2444.088	1.681628	40.75778	1.317889
BTC	Bitstamp	2374.99 Poloniex	2408.006	1.38057	33.0163	0.938
BTC	Bitstamp	2350.05 Poloniex	2411.562	2.583681	61.51243	2.768882
BTC	Bitstamp	2370.41 Poloniex	2414.858	1.857702	44.448	1
BTC	Bitstamp	2332.89 Poloniex	2269	2.776685	63.89	1
BTC	Bitstamp	2369.84 Poloniex	2330	1.695377	39.84	1.118147
BTC	Bitstamp	2365 Poloniex	2330	1.490948	35	2.498136
BTC	Bitstamp	2339.2 Poloniex	2379	1.687084	39.8	2
BTC	Bitstamp	2351 Poloniex	2382.261	1.320925	31.26142	1
BTC	Bitstamp	2341 Poloniex	2384	1.820106	43	0.810654
BTC	Bitstamp	2422.77 Poloniex	2365.349	2.398475	57.42091	0.952611
BTC	Bitstamp	2376.7 Poloniex	2344	1.385388	32.7	1.309435
BTC	Bitstamp	2311.03 Poloniex	2260.99	2.188967	50.04	1.5
BTC	Bitstamp	2309.34 Poloniex	2260.99	2.115821	48.35	2.71947
BTC	Bitstamp	2352.88 Poloniex	2291.321	2.651009	61.55909	1.5
BTC	Bitstamp	2160 Poloniex	2219	2.694679	59	1.408779
BTC	Bitstamp	2149.96 Poloniex	2120	1.403292	29.96	0.838718
BTC	Bitstamp	2156.78 Poloniex	2109.278	2.226967	47.50186	1.114103
BTC	Bitstamp	2169.41 Poloniex	2120	2.303813	49.41	1.437803
BTC	Bitstamp	2231 Poloniex	2173	2.633969	58	1.433203
BTC	Bitstamp	2226.17 Poloniex	2178.798	2.150844	47.372	1.180352
BTC	Bitstamp	2217.47 Poloniex	2178.694	1.764094	38.77624	1.057875
BTC	Bitstamp	2215 Poloniex	2185	1.363636	30	1.841666
BTC	Bitstamp	2235.99 Poloniex	2185	2.306723	50.99	1.358034
BTC	Bitstamp	2235.99 Poloniex	2203.376	1.469313	32.61409	0.999047
BTC	Bitstamp	2169.98 Poloniex	2200	1.373919	30.02	1.476479
BTC	Bitstamp	2290.65 Poloniex	2260.424	1.328301	30.22598	0.981215
BTC	Bitstamp	2291.85 Poloniex	2261	1.355195	30.85	1.5
BTC	Bitstamp	2299.88 Poloniex	2260	1.749169	39.88	1.20162
BTC	Bitstamp	2332.65 Poloniex	2275	2.50236	57.65	1.504585
BTC	Bitstamp	2294.94 Poloniex	2234.597	2.664444	60.34348	1.467549

BTC	Bitstamp	2197.49 Poloniex	2147	2.324323	50.49	0.96437
BTC	Bitstamp	2200 Poloniex	2170.11	1.367924	29.8899	0.93035
BTC	Bitstamp	2357.47 Poloniex	2309.337	2.062761	48.13254	1.225193
BTC	Bitstamp	2363.71 Poloniex	2314.895	2.086718	48.81466	0.888036
BTC	Bitstamp	2390.01 Poloniex	2330	2.542791	60.01	1.486521
BTC	Bitstamp	2380 Poloniex	2333.416	1.976658	46.58405	1.096572
BTC	Bitstamp	2389.99 Poloniex	2354	1.517288	35.99	1.674458
BTC	Bitstamp	2392.4 Poloniex	2358.99	1.406325	33.41	1.202405
BTC	Bitstamp	2395 Poloniex	2359	1.514514	36	1.286819
BTC	Bitstamp	2400 Poloniex	2349.051	2.14564	50.94878	1.239
BTC	Bitstamp	2404.95 Poloniex	2365.844	1.639371	39.10551	1
BTC	Bitstamp	2405.45 Poloniex	2368	1.569096	37.45	0.868469
BTC	Bitstamp	2336.44 Poloniex	2376.623	1.705159	40.1826	2
BTC	Bitstamp	2341.17 Poloniex	2377.623	1.544997	36.4526	0.840223
BTC	Bitstamp	2351.86 Poloniex	2388	1.52494	36.14	1
BTC	Bitstamp	2349.84 Poloniex	2388.688	1.639646	38.84753	1.228264
BTC	Bitstamp	2346.07 Poloniex	2390	1.855125	43.93	1
BTC	Bitstamp	2333.53 Poloniex	2395.865	2.636056	62.33475	0.978
BTC	Bitstamp	2277 Poloniex	2327.779	2.205494	50.77907	1.458809
BTC	Bitstamp	2277.08 Poloniex	2327.906	2.207451	50.82641	1
BTC	Bitstamp	2275.44 Poloniex	2325.826	2.190073	50.38553	1.391496
BTC	Bitstamp	2314.96 Poloniex	2369.16	2.314188	54.19966	2
BTC	Bitstamp	2415.5 Poloniex	2369.211	1.934857	46.28867	1.63505
BTC	Bitstamp	2360 Poloniex	2392	1.346801	32	1.023876
BTC	Bitstamp	2401 Poloniex	2444.72	1.804463	43.7196	2.779438
BTC	Bitstamp	2307 Poloniex	2358.75	2.218293	51.75	0.911017
BTC	Bitstamp	2299.01 Poloniex	2339.043	1.726277	40.03282	0.975933
BTC	Bitstamp	2381.73 Poloniex	2350	1.341159	31.73	1.184
BTC	Bitstamp	2406 Poloniex	2345.247	2.557365	60.75336	1.668339
BTC	Bitstamp	2401.46 Poloniex	2354	1.996021	47.46	1
BTC	Bitstamp	2393.26 Poloniex	2360	1.399461	33.26	2.309821
BTC	Bitstamp	2352.88 Poloniex	2385.786	1.38885	32.90648	1.342651
BTC	Bitstamp	2340.01 Poloniex	2389	2.071892	48.99	1.261213
BTC	Bitstamp	2342.56 Poloniex	2389	1.962989	46.44	0.882215
BTC	Bitstamp	2336.83 Poloniex	2389	2.207866	52.17	0.92756
BTC	Bitstamp	2413.01 Poloniex	2370.979	1.757147	42.03087	1
BTC	Bitstamp	2416.63 Poloniex	2366.858	2.080994	49.77206	2.54
BTC	Bitstamp	2407.96 Poloniex	2366	1.75787	41.96	0.983
BTC	Bitstamp	2340 Poloniex	2372	1.358234	32	1
BTC	Bitstamp	2300 Poloniex	2348.01	2.06583	48.01	1.071539
BTC	Bitstamp	2298.27 Poloniex	2350	2.225774	51.73	0.98464
BTC	Bitstamp	2305 Poloniex	2347.5	1.826975	42.5	0.8849
BTC	Bitstamp	2296.02 Poloniex	2332	1.554877	35.98	0.958903
BTC	Bitstamp	2420 Poloniex	2460.072	1.642263	40.0718	1
BTC	Bitstamp	2447.35 Poloniex	2386.19	2.530649	61.15997	1
BTC	Bitstamp	2392 Poloniex	2444	2.150538	52	0.9317
BTC	Bitstamp	2413.41 Poloniex	2471	2.358115	57.59	1.002
BTC	Bitstamp	2415.93 Poloniex	2469.374	2.187947	53.44394	1
BTC	Bitstamp	2458.92 Poloniex	2421.09	1.550407	37.83	0.961184
BTC	Bitstamp	2460.2 Poloniex	2426.942	1.361041	33.25799	1.055296

BTC	Bitstamp	2394.56 Poloniex	2329.432	2.75734	65.12826	0.913
BTC	Bitstamp	2366.81 Poloniex	2314	2.256447	52.81	0.983314
BTC	Bitstamp	2366.85 Poloniex	2316.1	2.167433	50.7499	1.77
BTC	Bitstamp	2360 Poloniex	2302.732	2.456413	57.26797	1.027767
BTC	Bitstamp	2316 Poloniex	2260	2.447552	56	2.075404
BTC	Bitstamp	2312 Poloniex	2258	2.363239	54	0.999701
BTC	Bitstamp	2405.46 Poloniex	2344	2.588084	61.46	1.5
BTC	Bitstamp	2350.03 Poloniex	2392	1.770128	41.97	1.77
BTC	Bitstamp	2325 Poloniex	2360	1.49413	35	1.120041
BTC	Bitstamp	2301.27 Poloniex	2350	2.095342	48.73	1.77
BTC	Bitstamp	2303.03 Poloniex	2350	2.0189	46.97	0.978099
BTC	Bitstamp	2363 Poloniex	2316	2.008976	47	1
BTC	Bitstamp	2430 Poloniex	2364.42	2.73568	65.58	1.384
BTC	Bitstamp	2444.29 Poloniex	2378.933	2.710095	65.35697	1.206676
BTC	Bitstamp	2419.98 Poloniex	2373.927	1.921294	46.05254	0.911529
BTC	Bitstamp	2440.87 Poloniex	2377.92	2.612704	62.95035	0.922105
BTC	Bitstamp	2398.9 Poloniex	2459	2.47432	60.1	1.173184
BTC	Bitstamp	2407.5 Poloniex	2455.701	1.982273	48.20096	1
BTC	Bitstamp	2393.05 Poloniex	2457	2.637086	63.95	1.393279
BTC	Bitstamp	2339.43 Poloniex	2392	2.222161	52.57	1.77
BTC	Bitstamp	2345.2 Poloniex	2385	1.682804	39.8	0.962
BTC	Bitstamp	2319.8 Poloniex	2274.238	1.983521	45.56185	1.196071
BTC	Bitstamp	2298.67 Poloniex	2250	2.139966	48.67	1.756
BTC	Bitstamp	2304.57 Poloniex	2246	2.574183	58.57	1.732086
BTC	Bitstamp	2297 Poloniex	2240	2.512674	57	1.08948
BTC	Bitstamp	2300.17 Poloniex	2344	1.887528	43.83	0.955767
BTC	Bitstamp	2320 Poloniex	2355	1.497326	35	1.793045
BTC	Bitstamp	2325 Poloniex	2370.5	1.938026	45.5	1.099133
BTC	Bitstamp	2310 Poloniex	2344	1.461109	34	1
BTC	Bitstamp	2321.91 Poloniex	2368	1.965496	46.09	1.459916
BTC	Bitstamp	2310.08 Poloniex	2375.18	2.778945	65.10039	1.847
BTC	Bitstamp	2325 Poloniex	2386.532	2.611992	61.53242	1.77
BTC	Bitstamp	2342.38 Poloniex	2382.396	1.693859	40.01552	1.312
BTC	Bitstamp	2318.74 Poloniex	2366.352	2.032476	47.61169	1.015185
BTC	Bitstamp	2296.5 Poloniex	2350	2.302809	53.5	1.506
BTC	Bitstamp	2249.92 Poloniex	2280	1.328059	30.08	1
BTC	Bitstamp	2240.1 Poloniex	2189	2.307467	51.1	0.863709
BTC	Bitstamp	2231 Poloniex	2188	1.946142	43	0.969113
BTC	Bitstamp	2276 Poloniex	2240	1.594331	36	1
BTC	Bitstamp	2270.78 Poloniex	2235	1.588182	35.78	1.368581
BTC	Bitstamp	2230 Poloniex	2181	2.221718	49	0.850178
BTC	Bitstamp	2246.71 Poloniex	2204	1.919244	42.71	1.371606
BTC	Bitstamp	2296.92 Poloniex	2265	1.399411	31.92	0.988
BTC	Bitstamp	2300.02 Poloniex	2268	1.40192	32.02	0.906975
BTC	Bitstamp	2300 Poloniex	2269	1.356971	31	2.200476
BTC	Bitstamp	2299.25 Poloniex	2260.99	1.677982	38.26	1.123771
BTC	Bitstamp	2296.66 Poloniex	2261	1.564838	35.66	0.876256
BTC	Bitstamp	2302.04 Poloniex	2255	2.064498	47.04	1.232851
BTC	Bitstamp	2218 Poloniex	2270.775	2.351432	52.77526	0.896533
BTC	Bitstamp	2244 Poloniex	2277	1.459854	33	0.967234

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
ETH	Kraken	362	Bitfinex	350.36	3.268011	11.64	8.699336
ETH	Kraken	360	Bitfinex	346.8	3.735144	13.2	7.341
ETH	Kraken	359.99	Bitfinex	349	3.100185	10.99	6.00395
ETH	Kraken	362	Bitfinex	356.74	1.463673	5.26	8.915244
ETH	Kraken	362	Bitfinex	355.9	1.699401	6.1	11.43071
ETH	Kraken	363.98	Bitfinex	358.28	1.578379	5.7	6.44806
ETH	Kraken	371.5	Bitfinex	380	2.262145	8.50001	6.777838
ETH	Kraken	324.6409	Bitfinex	331.94	2.223373	7.29912	6.4106
ETH	Kraken	342.5004	Bitfinex	335.01	2.211157	7.49041	9.148388
ETH	Kraken	334.8	Bitfinex	322.92	3.612479	11.88	5.068925
ETH	Kraken	329.5	Bitfinex	320.29	2.834762	9.21	10.72087
ETH	Kraken	326	Bitfinex	320	1.857585	6	8
ETH	Kraken	315	Bitfinex	319.4	1.387137	4.4	12
ETH	Kraken	334.8	Bitfinex	325.05	2.955217	9.75	6.300925
ETH	Kraken	331.8	Bitfinex	324.9	2.101416	6.9	8.803499
ETH	Kraken	333	Bitfinex	338	1.490313	5	6.746073
ETH	Kraken	326.7124	Bitfinex	339	3.691555	12.28757	8.868706
ETH	Kraken	326.0051	Bitfinex	336.5	3.16826	10.49494	9.883994
ETH	Kraken	320	Bitfinex	328.88	2.737024	8.88	5.897201
ETH	Kraken	291	Bitfinex	297.35	2.158576	6.34999	8.25052
ETH	Kraken	325	Bitfinex	335.74	3.250894	10.73998	7.952696
ETH	Kraken	322.9989	Bitfinex	317.4	1.748576	5.59893	6
ETH	Kraken	314.3001	Bitfinex	319.19	1.543787	4.88987	6
ETH	Kraken	331.77	Bitfinex	323.45	2.539605	8.32	9.198269
ETH	Kraken	350	Bitfinex	339.94	2.916198	10.06001	8.09
ETH	Kraken	351.81	Bitfinex	339.31	3.617317	12.5	12.76315
ETH	Kraken	349	Bitfinex	338.09	3.175712	10.91	5.99
ETH	Kraken	343.8854	Bitfinex	332.5	3.366542	11.3854	6.192
ETH	Kraken	340.5102	Bitfinex	334.77	1.700103	5.74023	7
ETH	Kraken	340.6179	Bitfinex	333	2.261772	7.61785	5.914019
ETH	Kraken	339.9217	Bitfinex	333	2.057214	6.92172	5.646954
ETH	Kraken	344.8998	Bitfinex	338.46	1.884755	6.43983	5.393697
ETH	Kraken	344.8998	Bitfinex	337.96	2.032575	6.93982	9.93
ETH	Kraken	333.4963	Bitfinex	345.93	3.660061	12.43371	6.534
ETH	Kraken	335.7999	Bitfinex	347.08	3.303679	11.28008	8.301
ETH	Kraken	335.48	Bitfinex	345.5	2.942818	10.02	11.17686
ETH	Kraken	343.9998	Bitfinex	333.06	3.231567	10.93982	11.8029
ETH	Kraken	333	Bitfinex	337.84	1.442964	4.83999	8.3408
ETH	Kraken	329.3001	Bitfinex	336.01	2.017068	6.70988	5.386648
ETH	Kraken	328.3999	Bitfinex	340.48	3.612036	12.08009	9.146824
ETH	Kraken	340.1497	Bitfinex	331.62	2.539471	8.5297	13.3417
ETH	Kraken	344	Bitfinex	336.73	2.135942	7.27	6.026666
ETH	Kraken	338.9992	Bitfinex	350.37	3.298912	11.37084	8.893
ETH	Kraken	338.7843	Bitfinex	332.5	1.872321	6.2843	5.055793
ETH	Kraken	337.94	Bitfinex	347.5	2.789449	9.56	11.37512
ETH	Kraken	342.08	Bitfinex	354.25	3.495469	12.17	6.235
ETH	Kraken	345.5202	Bitfinex	353.82	2.373612	8.29981	6.663051
ETH	Kraken	350.97	Bitfinex	358	1.983159	7.03	9.913064
ETH	Kraken	352.9393	Bitfinex	357.87	1.38734	4.93067	14.97342

ETH	Kraken	351.56	Bitfinex	358.89	2.063478	7.32999	8
ETH	Kraken	354.7995	Bitfinex	347.99	1.937838	6.80946	13.66189
ETH	Kraken	360	Bitfinex	347.5	3.533569	12.5	11.57632
ETH	Kraken	345	Bitfinex	353.47	2.425298	8.46999	9.769058
ETH	Kraken	348.1	Bitfinex	355.34	2.058456	7.24	6.926494
ETH	Kraken	349	Bitfinex	343	1.734104	6	5.550932
ETH	Kraken	349	Bitfinex	343	1.734104	6	7.299225
ETH	Kraken	354	Bitfinex	347.77	1.77551	6.23	7.5
ETH	Kraken	350.44	Bitfinex	342	2.437756	8.44	5.297999
ETH	Kraken	350.2102	Bitfinex	342.03	2.363408	8.18023	9.02
ETH	Kraken	349.9472	Bitfinex	341.51	2.440414	8.43721	6
ETH	Kraken	356.1002	Bitfinex	351	1.442573	5.10022	5.32
ETH	Kraken	357	Bitfinex	368.2	3.0888	11.19999	7.555556
ETH	Kraken	360	Bitfinex	373.93	3.796002	13.93	6
ETH	Kraken	356	Bitfinex	366	2.770086	10.00001	5.225552
ETH	Kraken	365.45	Bitfinex	356.6	2.451354	8.85	8.967887
ETH	Kraken	361	Bitfinex	350	3.094236	11.00001	11.81
ETH	Kraken	350	Bitfinex	339.19	3.137016	10.81	9.35
ETH	Kraken	347	Bitfinex	340.4	1.920279	6.6	12.88014
ETH	Kraken	345.98	Bitfinex	334.95	3.239675	11.02996	9.12
ETH	Kraken	330	Bitfinex	322.15	2.407425	7.85001	10
ETH	Kraken	331	Bitfinex	321.93	2.778246	9.07	6.158942
ETH	Kraken	323	Bitfinex	329.19	1.89822	6.19	5.160015
ETH	Kraken	327.98	Bitfinex	332.79	1.455877	4.81	10.97499
ETH	Kraken	327.98	Bitfinex	333.1	1.54898	5.12	9.13
ETH	Kraken	334.5269	Bitfinex	327.25	2.199206	7.27692	5.819868
ETH	Kraken	333.6739	Bitfinex	325.5	2.480029	8.17385	5.95352
ETH	Kraken	319.97	Bitfinex	310.8	2.907554	9.16999	5.401
ETH	Kraken	336.88	Bitfinex	325.18	3.534423	11.7	8.63656
ETH	Kraken	338.7843	Bitfinex	328.19	3.176821	10.59429	14.072
ETH	Kraken	296.1	Bitfinex	307.29	3.709044	11.19	6
ETH	Kraken	323.9755	Bitfinex	328.9	1.508557	4.9245	8.855231
ETH	Kraken	319.9862	Bitfinex	309.5	3.331673	10.48621	5.602729
ETH	Kraken	290	Bitfinex	296.19	2.111943	6.19	9.315033
ETH	Kraken	316.5001	Bitfinex	327.99	3.565578	11.4899	7.9
ETH	Kraken	334.1616	Bitfinex	322.99	3.40001	11.17161	9.886045
ETH	Kraken	356	Bitfinex	342.94	3.737088	13.06	10.833
ETH	Kraken	346.9978	Bitfinex	352.79	1.655419	5.79221	6.294571
ETH	Kraken	345	Bitfinex	353	2.292275	8.00004	7.88
ETH	Kraken	340	Bitfinex	347.87	2.288223	7.87	7.577608
ETH	Kraken	328.5	Bitfinex	340.03	3.44935	11.52997	14.29224
ETH	Kraken	335.0001	Bitfinex	344	2.650927	8.9999	7.282268
ETH	Kraken	335	Bitfinex	341.21	1.836708	6.21	6.36
ETH	Kraken	335	Bitfinex	340.96	1.763418	5.96	6.84267
ETH	Kraken	347.483	Bitfinex	354.42	1.976624	6.93699	14.61191
ETH	Kraken	356.1999	Bitfinex	351.2	1.413594	4.99988	10.14848
ETH	Kraken	357.0002	Bitfinex	350	1.980246	7.00017	12
ETH	Kraken	349.3336	Bitfinex	343.99	1.54145	5.34362	6
ETH	Kraken	341.3	Bitfinex	350	2.516994	8.69999	12
ETH	Kraken	359.5	Bitfinex	353	1.824561	6.5	11.3088

ETH	Kraken	350.6	Bitfinex	343.25	2.118622	7.35003	10
ETH	Kraken	355.5	Bitfinex	347.55	2.261575	7.95	9.607262
ETH	Kraken	353.7036	Bitfinex	347.5	1.769423	6.20363	9.427315
ETH	Kraken	341	Bitfinex	335.76	1.548558	5.24001	13.62254
ETH	Kraken	341	Bitfinex	330.62	3.091037	10.38001	7.748387
ETH	Kraken	342	Bitfinex	330.28	3.486645	11.72001	7.103181
ETH	Kraken	318	Bitfinex	308.95	2.886977	9.04995	5.814506
ETH	Kraken	340.7931	Bitfinex	333	2.313209	7.79312	11.99584
ETH	Kraken	343	Bitfinex	336.63	1.874549	6.37	10
ETH	Kraken	305.0502	Bitfinex	310.79	1.864068	5.73984	7.543008
ETH	Kraken	279	Bitfinex	275	1.444043	4	8.115201
ETH	Kraken	282	Bitfinex	275	2.513465	7	8.13564
ETH	Kraken	283	Bitfinex	288.62	1.966341	5.62	6
ETH	Kraken	305.0001	Bitfinex	313	2.588977	7.99994	10
ETH	Kraken	302	Bitfinex	308	1.967213	6	6.359521
ETH	Kraken	304	Bitfinex	295.99	2.670048	8.01001	7.709469
ETH	Kraken	321.0002	Bitfinex	310	3.486579	11.00016	9.01
ETH	Kraken	318.0006	Bitfinex	328.8	3.339329	10.7994	7.091587
ETH	Kraken	347.567	Bitfinex	340.23	2.133481	7.33701	7.856246
ETH	Kraken	349.2236	Bitfinex	336.4	3.74072	12.82363	7
ETH	Kraken	343.6	Bitfinex	333	3.133314	10.6	14.0936
ETH	Kraken	344.084	Bitfinex	333.99	2.977268	10.09404	6
ETH	Kraken	353	Bitfinex	340.76	3.528598	12.24	12.03403
ETH	Kraken	356.1	Bitfinex	343.99	3.459561	12.11002	8.765803
ETH	Kraken	356.1	Bitfinex	344.43	3.331769	11.67002	7
ETH	Kraken	352.99	Bitfinex	345.5	2.144626	7.49	5.2

cryptocurrency	exchange1	price1	exchange2	price2	spread_pct	spread_abs	volume
ETH	Kraken	362	Poloniex	350	3.370787	12	8.699336
ETH	Kraken	356	Poloniex	346.5122	2.701115	9.48783	8.143299
ETH	Kraken	355.4521	Poloniex	368	3.46889	12.54788	10.17337
ETH	Kraken	340.9	Poloniex	352	3.203926	11.1	7.996286
ETH	Kraken	340.9989	Poloniex	351	2.890496	10.0011	14.34
ETH	Kraken	325.8098	Poloniex	332	1.882058	6.19018	11.63728
ETH	Kraken	333	Poloniex	322	3.358779	11	11.95834
ETH	Kraken	322.51	Poloniex	327	1.382575	4.48998	6.1748
ETH	Kraken	324.6409	Poloniex	331.969	2.232108	7.32812	6.4106
ETH	Kraken	341.5194	Poloniex	333	2.526059	8.51938	6
ETH	Kraken	320.7084	Poloniex	315.8201	1.535939	4.888344	12.726
ETH	Kraken	320	Poloniex	315.8201	1.314814	4.179924	7.13965
ETH	Kraken	337.6499	Poloniex	325.4321	3.685155	12.2178	5.610434
ETH	Kraken	319.9862	Poloniex	325.4321	1.687547	5.44587	9.007403
ETH	Kraken	316.6102	Poloniex	309.3394	2.323152	7.27088	14.44906
ETH	Kraken	354.33	Poloniex	345	2.668271	9.33001	5.004601
ETH	Kraken	354	Poloniex	347.0416	1.985169	6.95843	9.436485
ETH	Kraken	355	Poloniex	342.45	3.598824	12.55	12.11249
ETH	Kraken	338	Poloniex	347.1	2.656541	9.09998	9.057597
ETH	Kraken	340.9999	Poloniex	354	3.741037	13.0001	5.99
ETH	Kraken	326	Poloniex	336.501	3.170111	10.50101	10
ETH	Kraken	344.9995	Poloniex	351.8	1.951924	6.8005	5.468016
ETH	Kraken	332	Poloniex	344.5	3.695492	12.5	6.024096
ETH	Kraken	338.4	Poloniex	330	2.513465	8.4	7.231102
ETH	Kraken	338.9894	Poloniex	334	1.482757	4.9894	5.4296
ETH	Kraken	341.5	Poloniex	346.68	1.50542	5.18	6.1779
ETH	Kraken	356.3999	Poloniex	345.2	3.192686	11.19994	13.74359
ETH	Kraken	348.9501	Poloniex	337.3606	3.377332	11.58949	10.43172
ETH	Kraken	340.5	Poloniex	331.9691	2.537196	8.53093	9.8962
ETH	Kraken	347.1	Poloniex	338.5	2.508751	8.6	6.862071
ETH	Kraken	370.9995	Poloniex	380.57	2.546809	9.57052	6.8026
ETH	Kraken	331	Poloniex	322.1985	2.694896	8.80151	6.158942
ETH	Kraken	328	Poloniex	320.326	2.367318	7.67397	9.442985
ETH	Kraken	327.4411	Poloniex	320.326	2.196808	7.1151	7
ETH	Kraken	311	Poloniex	304	2.276423	7	5.1299
ETH	Kraken	337.1849	Poloniex	325.4	3.557247	11.78489	5.129518
ETH	Kraken	339.5001	Poloniex	328.2323	3.374938	11.26778	6.540782
ETH	Kraken	335.5	Poloniex	324.1003	3.456554	11.39972	7.413382
ETH	Kraken	331.5	Poloniex	323	2.597403	8.5	9.124656
ETH	Kraken	331.5	Poloniex	324	2.28833	7.5	5.865414
ETH	Kraken	337.0001	Poloniex	324.78	3.693112	12.22014	6.569175
ETH	Kraken	334.8	Poloniex	328.5	1.899593	6.3	7.830643
ETH	Kraken	317	Poloniex	308.1	2.847541	8.89999	5.44949
ETH	Kraken	315	Poloniex	307.9999	2.247236	7.00014	5.850061
ETH	Kraken	305	Poloniex	313	2.588997	8	5.850618
ETH	Kraken	304.5003	Poloniex	310.0155	1.794948	5.51512	8.811578
ETH	Kraken	291	Poloniex	283	2.787456	8	10
ETH	Kraken	291	Poloniex	283.11	2.748602	7.89	10.69045
ETH	Kraken	290	Poloniex	284.9004	1.774095	5.09964	9.26

ETH	Kraken	290 Poloniex	284.9004	1.774092	5.09963	6.7
ETH	Kraken	289.55 Poloniex	294.0812	1.552755	4.531182	6.607585
ETH	Kraken	281 Poloniex	286	1.763668	5	10
ETH	Kraken	281 Poloniex	285.7	1.658726	4.7	6.1
ETH	Kraken	287 Poloniex	293	2.068966	6	10.11251
ETH	Kraken	303 Poloniex	311.8	2.86272	8.8	13.89438
ETH	Kraken	307.4543 Poloniex	312	1.46766	4.54574	5.406519
ETH	Kraken	295.1 Poloniex	300	1.646779	4.89999	12.61845
ETH	Kraken	317.8 Poloniex	309.452	2.661769	8.348	5.879501
ETH	Kraken	323.2757 Poloniex	330	2.058635	6.72428	9.305214
ETH	Kraken	347 Poloniex	352.7	1.62927	5.7	7.79615
ETH	Kraken	334.98 Poloniex	341.6102	1.959889	6.63021	9.228824
ETH	Kraken	339.95 Poloniex	344.5	1.329535	4.55	11.03811
ETH	Kraken	348.5 Poloniex	354	1.565836	5.5	11.69246
ETH	Kraken	347.4118 Poloniex	340.0001	2.156422	7.41175	6.901284
ETH	Kraken	350.001 Poloniex	337.7999	3.547849	12.20107	7.503
ETH	Kraken	352.86 Poloniex	345	2.252601	7.86	9.453703
ETH	Kraken	355 Poloniex	345.2	2.7992	9.8	7.5
ETH	Kraken	358.48 Poloniex	348	2.966821	10.48	7.689962
ETH	Kraken	358 Poloniex	345.3177	3.606427	12.68232	13.71782
ETH	Kraken	343.5027 Poloniex	348.5	1.444289	4.99726	7.262272
ETH	Kraken	347 Poloniex	341.9998	1.45144	5.00021	12.9931
ETH	Kraken	357.0008 Poloniex	348	2.553416	9.0008	8.707964
ETH	Kraken	357.8598 Poloniex	345	3.659279	12.8598	5.060594
ETH	Kraken	360 Poloniex	349.9499	2.831225	10.05014	6
ETH	Kraken	348.5001 Poloniex	342	1.882728	6.50012	6.124732
ETH	Kraken	343.2 Poloniex	353.7678	3.032522	10.56785	10
ETH	Kraken	347 Poloniex	352.2	1.487414	5.2	7.770922
ETH	Kraken	363.4799 Poloniex	356	2.079249	7.47989	6.471081
ETH	Kraken	358.2 Poloniex	350.8359	2.077218	7.364112	5.296479
ETH	Kraken	362 Poloniex	356.4499	1.545012	5.55007	6.547296
ETH	Kraken	355 Poloniex	345	2.857143	10	12.99118
ETH	Kraken	365.9 Poloniex	355	3.023997	10.9	5.663539
ETH	Kraken	358.007 Poloniex	351.4858	1.838282	6.521238	11.0856
ETH	Kraken	357.75 Poloniex	344.5	3.773585	13.25	8.143299
ETH	Kraken	360 Poloniex	349.9951	2.818301	10.0049	8.764219
ETH	Kraken	360.5 Poloniex	349.9951	2.957065	10.5049	7.945346
ETH	Kraken	379 Poloniex	371.0001	2.133314	7.99993	6.969804
ETH	Kraken	346.25 Poloniex	340	1.821494	6.25	6.305882
ETH	Kraken	332 Poloniex	339	2.086438	7	7.352941
ETH	Kraken	340.0003 Poloniex	328.0001	3.59289	12.00026	5.304877
ETH	Kraken	342.58 Poloniex	330.99	3.441365	11.59	8.499726
ETH	Kraken	340 Poloniex	331	2.682563	9	7.422806
ETH	Kraken	322.1 Poloniex	333	3.327736	10.9	6.420148
ETH	Kraken	310 Poloniex	317.6739	2.445179	7.673873	7.190137
ETH	Kraken	310 Poloniex	314.65	1.488834	4.65	6.980222
ETH	Kraken	315.66 Poloniex	320	1.365526	4.34005	10.46231
ETH	Kraken	325.254 Poloniex	337	3.547279	11.746	7.335841
ETH	Kraken	314 Poloniex	305.4939	2.746143	8.506093	6.885246
ETH	Kraken	302.29 Poloniex	296	2.102659	6.29	7.013191