



A Study of OmiseGO's Token Sales

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Why?

ICOs have been disrupting the world with over \$4.3 billion raised in 2017 which are outrageous compared to the traditional fundraising methods for startups. Most of the token sales are done by deploying an ERC20 contract on the Ethereum network, which we can keep track of the transactions.

OmiseGO is a top 25 alternative coin that is quite well-known.

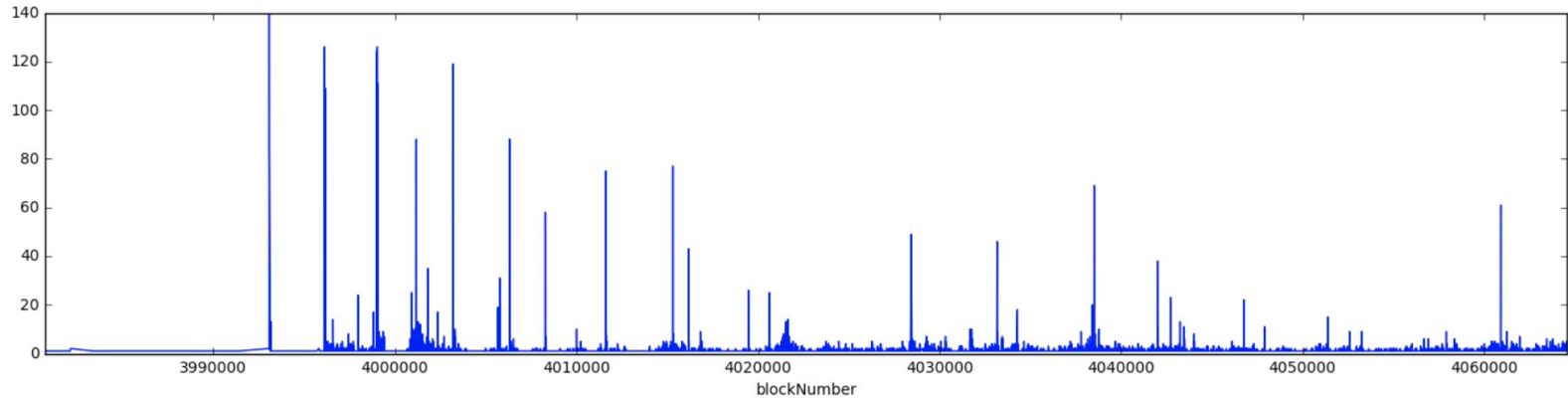


Dataset

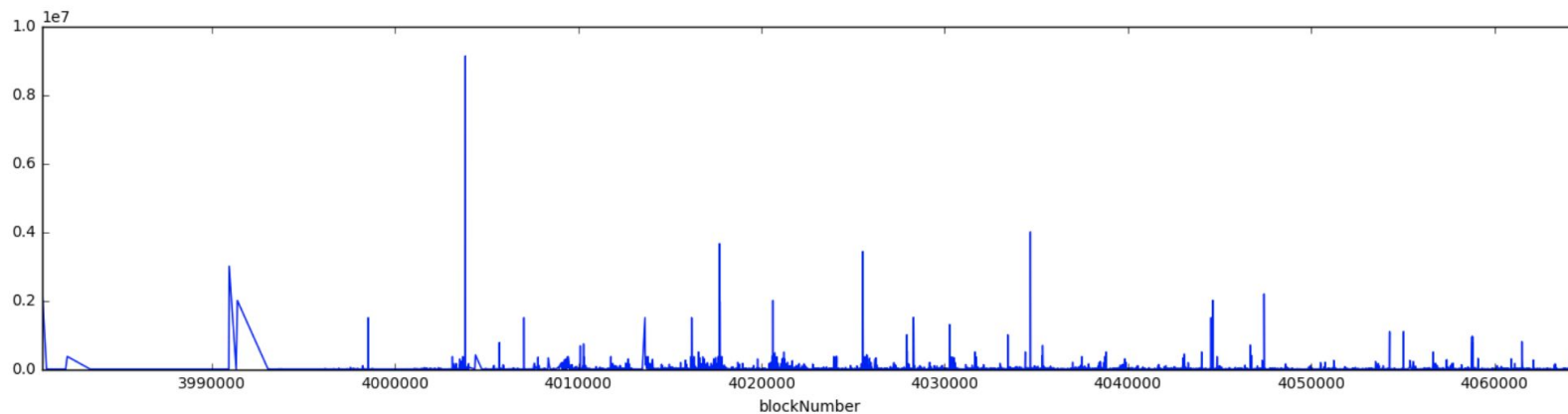
Scrape through the block height 3,980,733 - 4,064,576 in the ethereum network using **geth** which is a multipurpose command line tools that run a full Ethereum node.

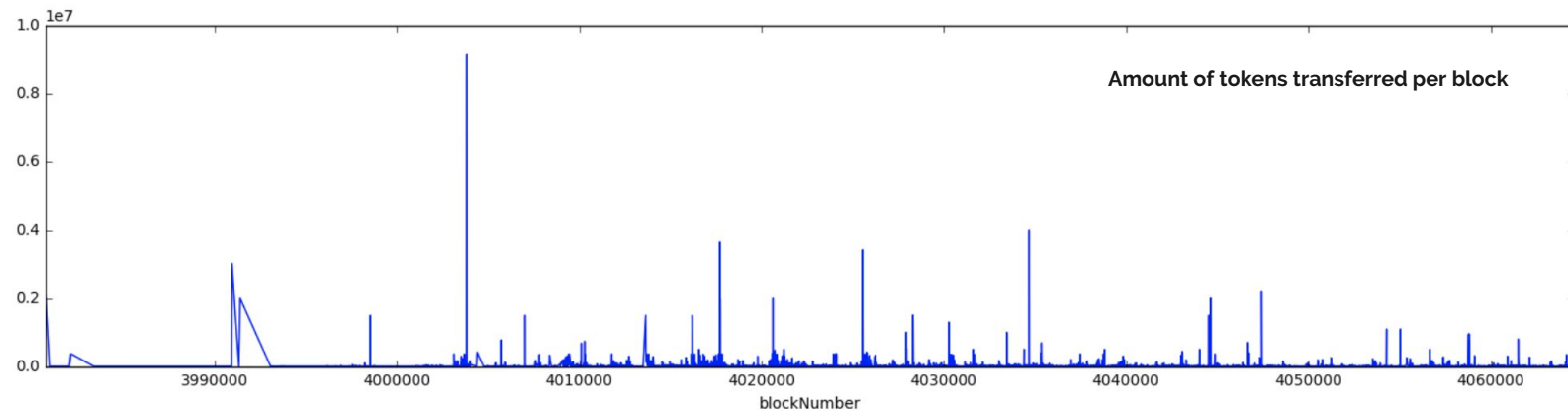
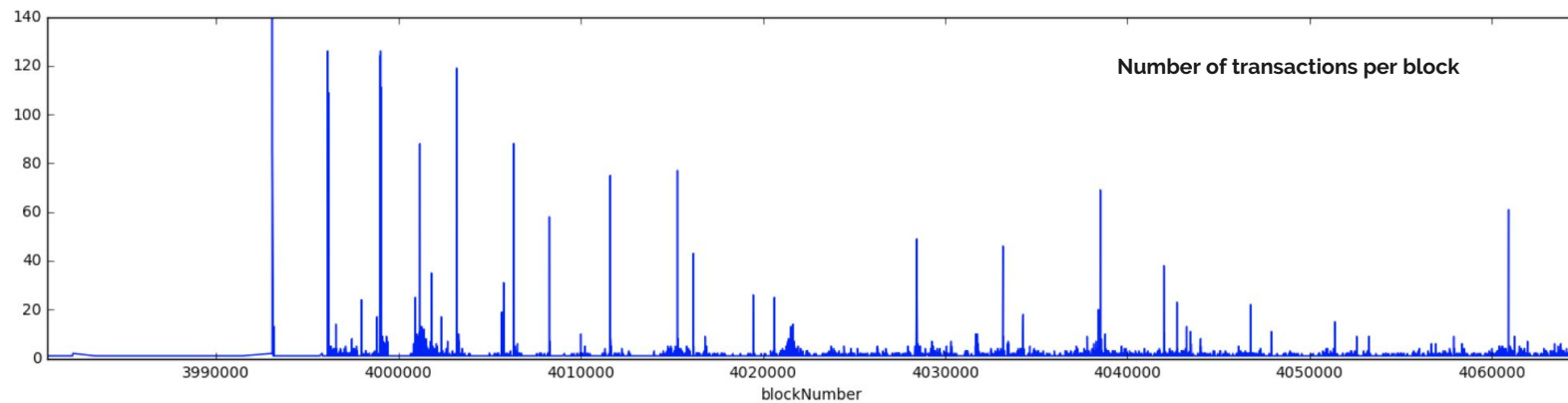
There are 18955 transactions involving the smart contract of OmiseGO token.

Number of transactions per block



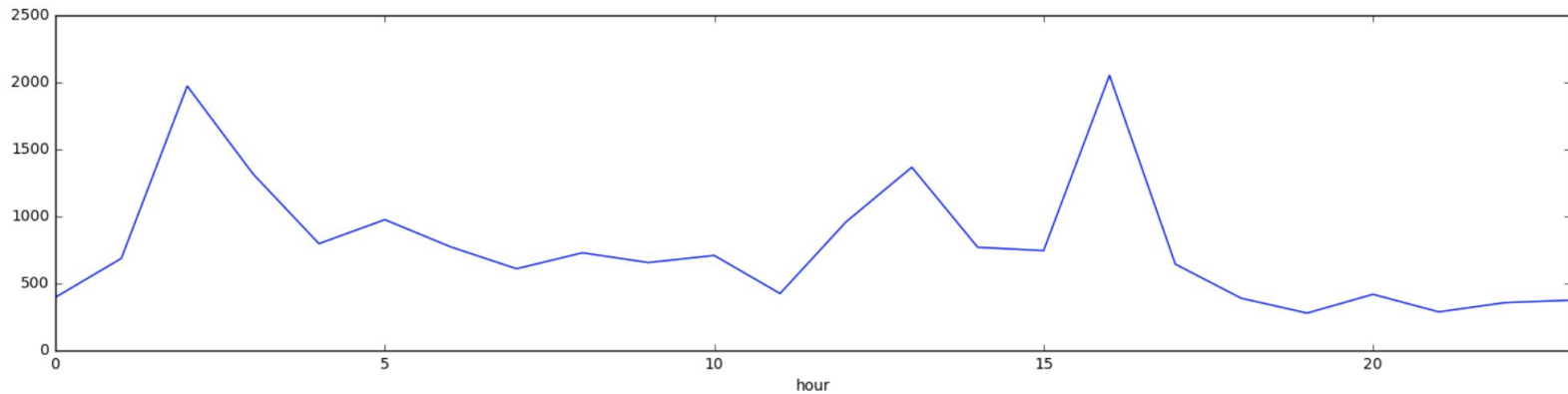
Amount of tokens transferred per block





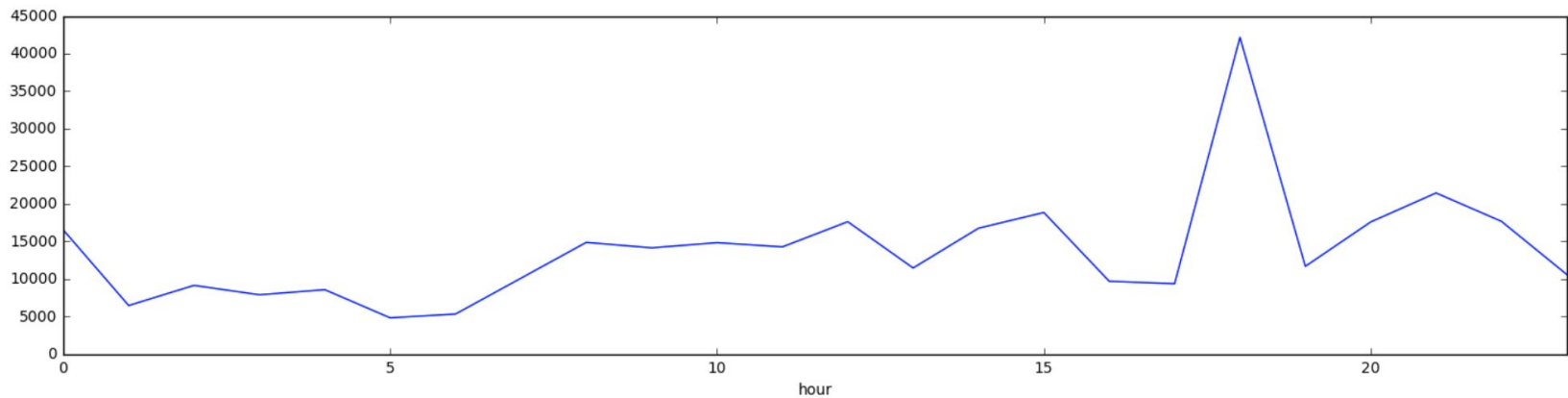


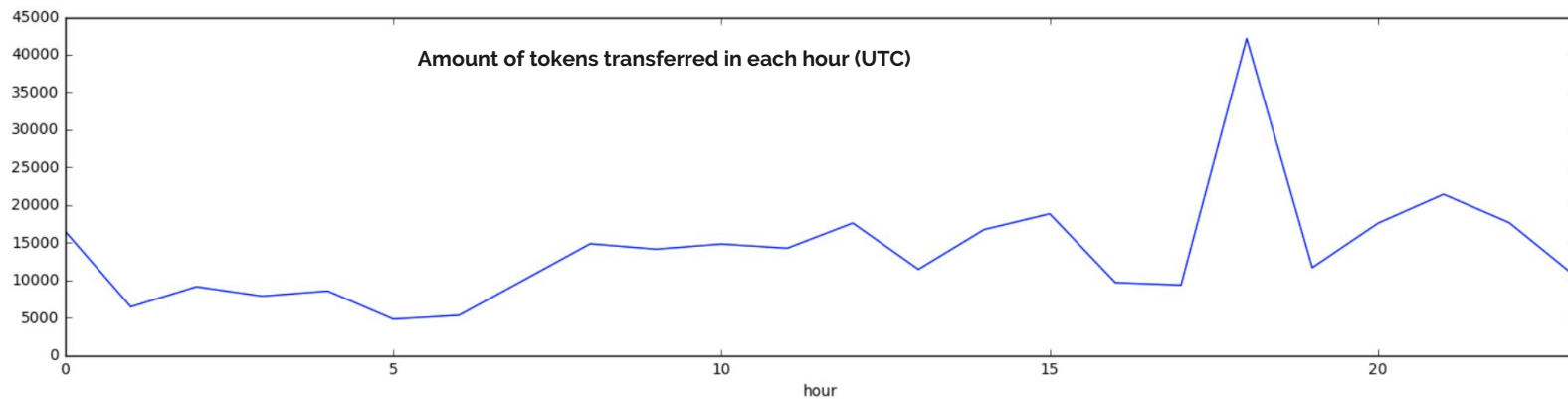
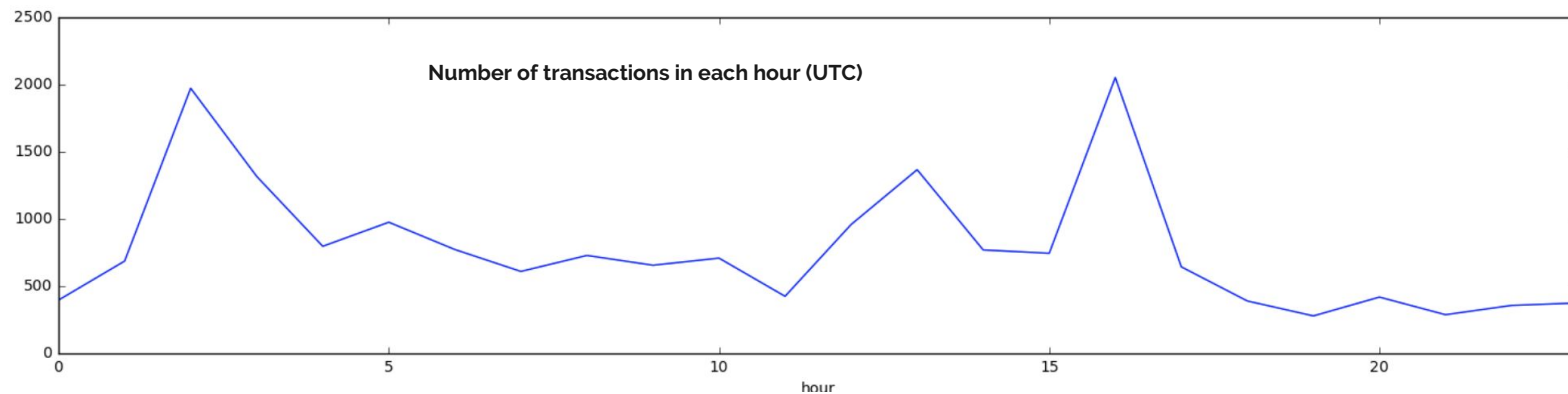
Number of transactions in each hour (UTC)





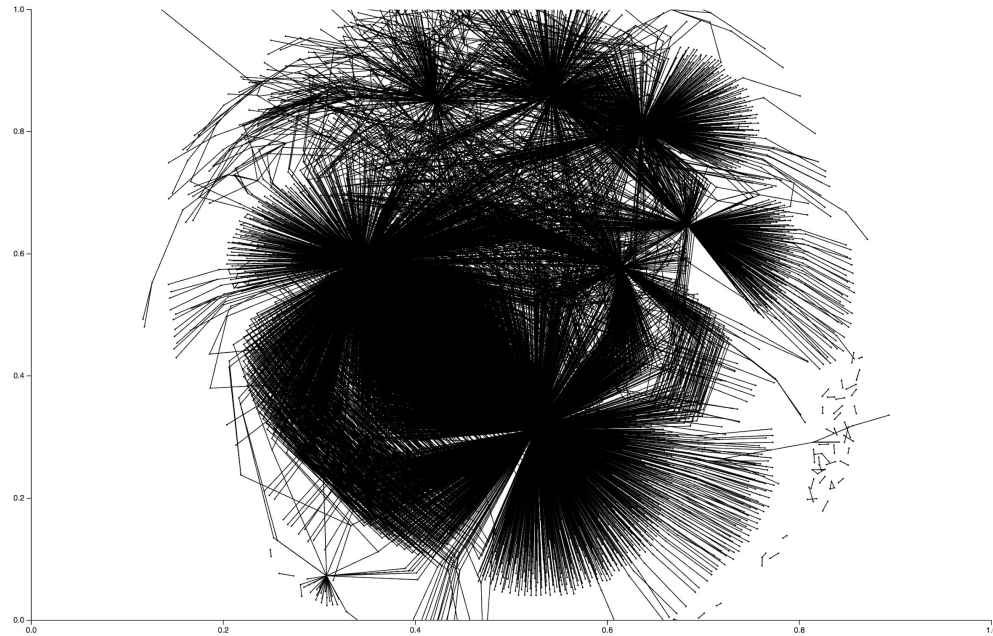
Amount of tokens transferred in each hour (UTC)





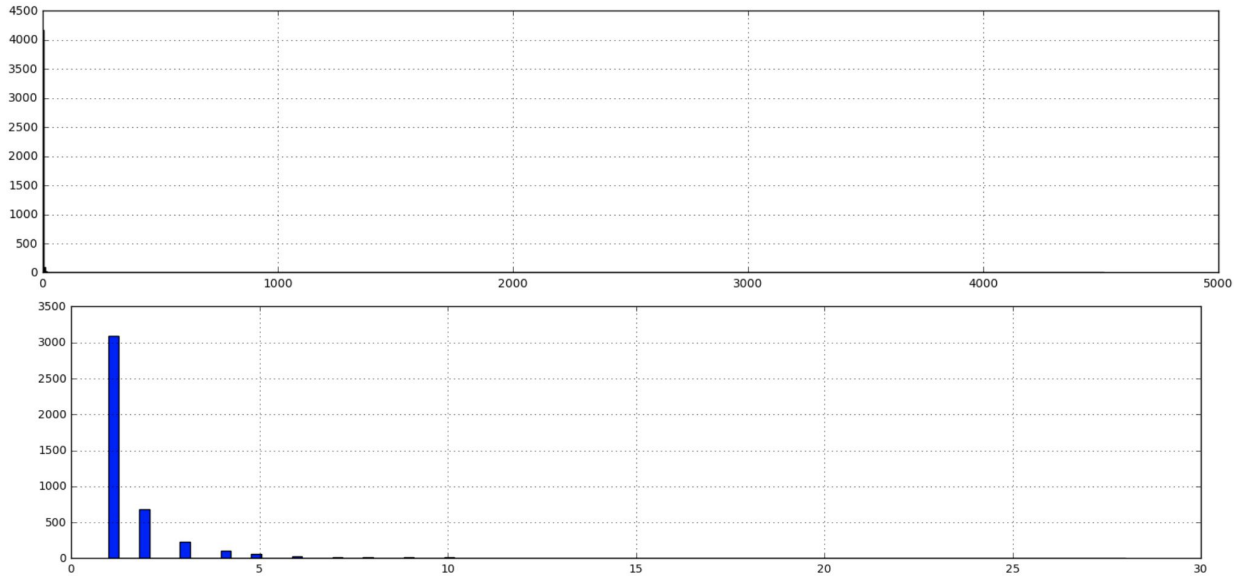


Transaction visualization



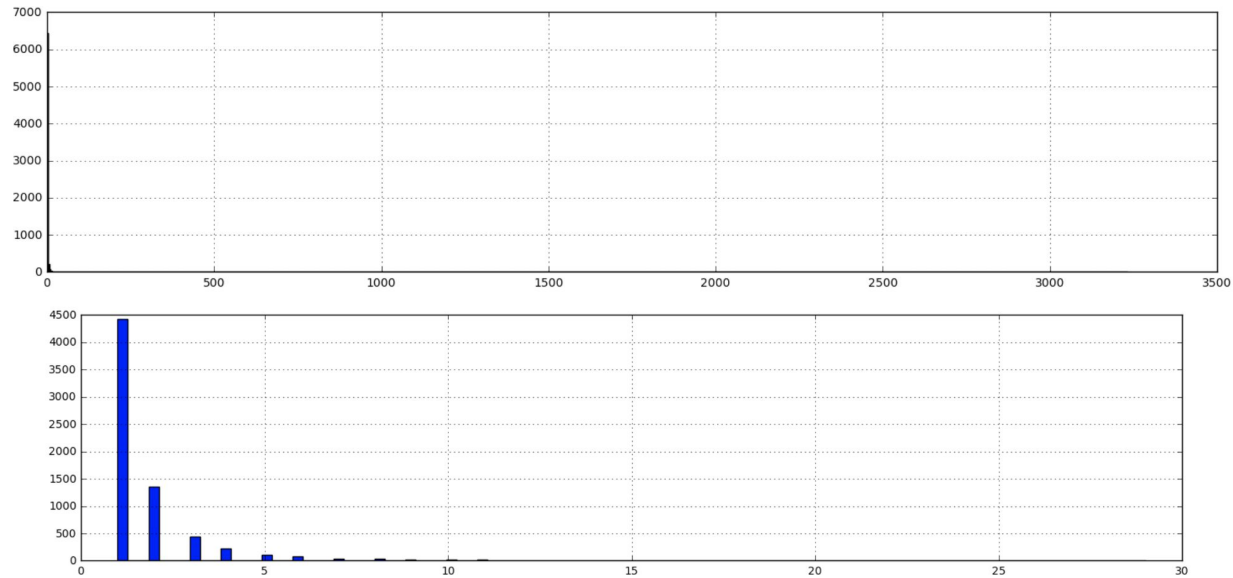


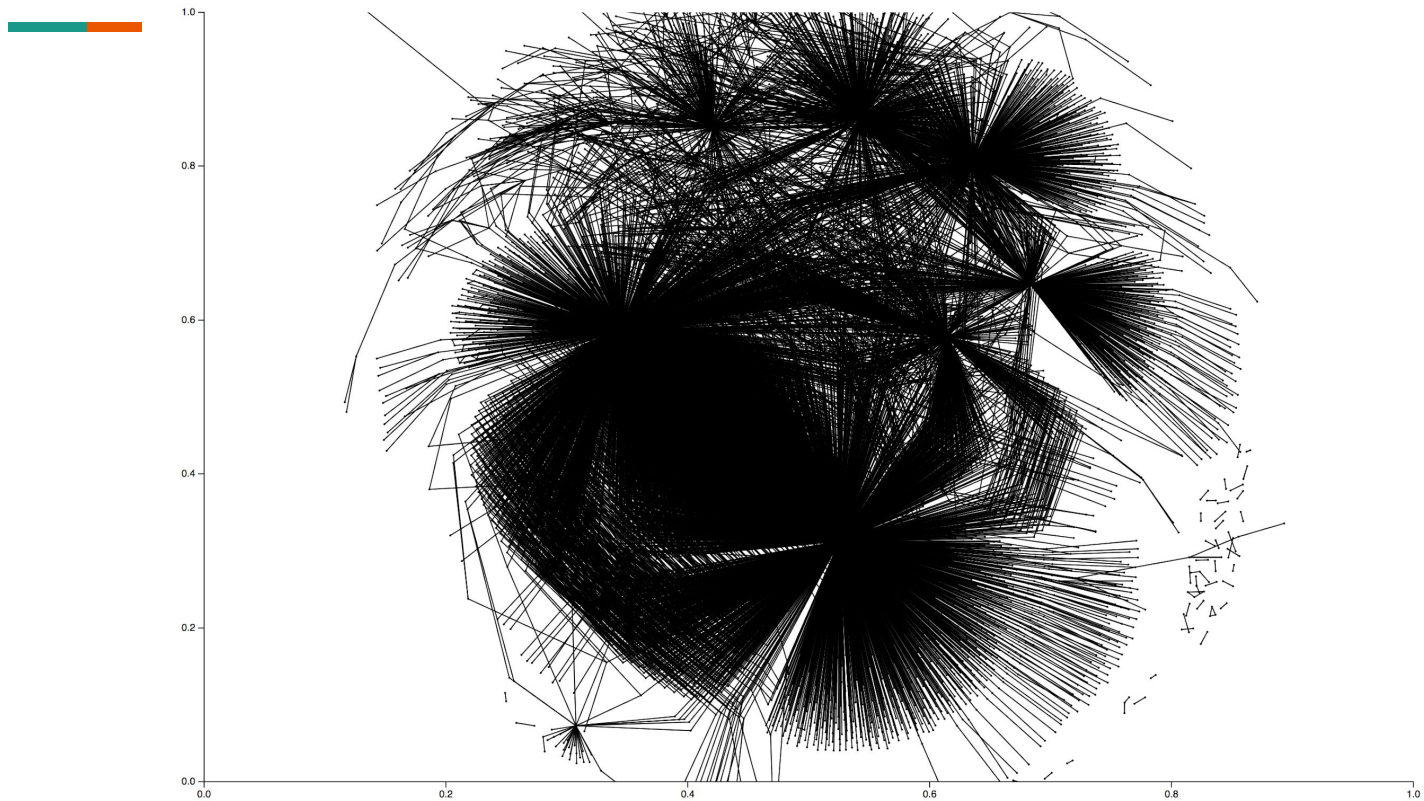
Outdegree histogram





Indegree histogram







Top addresses by degree

Address	Degree	Notes
0x62eae029fe829fc66c953fa67e15761c941e23ce	3226	Currently holds ~5 OMG
0x8737305011408648c0c2fc6ff831d566fbaac483	2636	Currently holds ~94 OMG
0x1151314c646ce4e0efd76d1af4760ae66a9fe30f	766	Bitfinex_Wallet1
0x5e575279bf9f4acf0a130c186861454247394c06	645	liqui.io_Erc20
0x2ebb507b1da5b2619515d542a8af27b0747a6bc2	518	Currently holds ~16 OMG
0xfbb1b73c4f0bda4f67dca266ce6ef42f520fbb98	500	Bittrex, Current #2 OMG holder
0xeb68aa2764b4a9a943658b2e61db4c902b2ebf85	241	Current #48 OMG holder



Interesting Findings

0x62eae029fe829fc66c953fa67e15761c941e23ce [#1]

- Contains 3464 transactions of 999.5 from 4514 total transactions
- Transaction history only involves OMG

0xeb68aa2764b4a9a943658b2e61db4c902b2ebf85 [#7]

- Currently holds \$60 millions worth of cryptocurrencies
- Is claimed to be Bitcoin Suisse which is a service OmiseGO used for fundraising

As there are multiple exchanges existing in the graph, the blocks might include a short period after token sales has ended as there is no clear indication at which block height a token sales has finished



Future Work

We can further look into the following:

- Other tokens that have done token sales
- The addresses such as #1 as it seems to be a big player
- The reason behind peak hours for transactions