

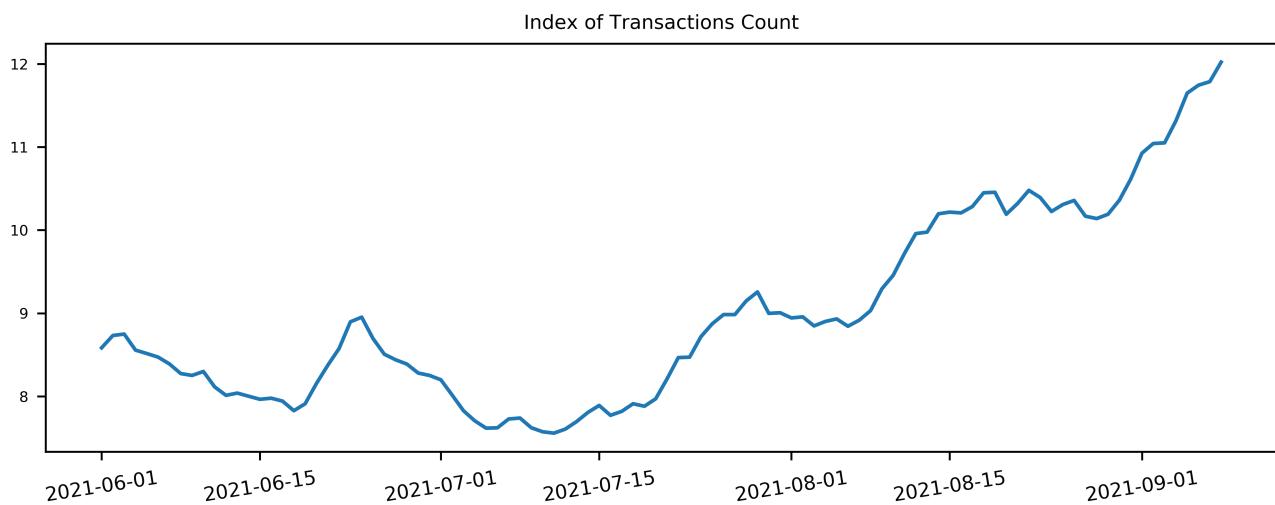
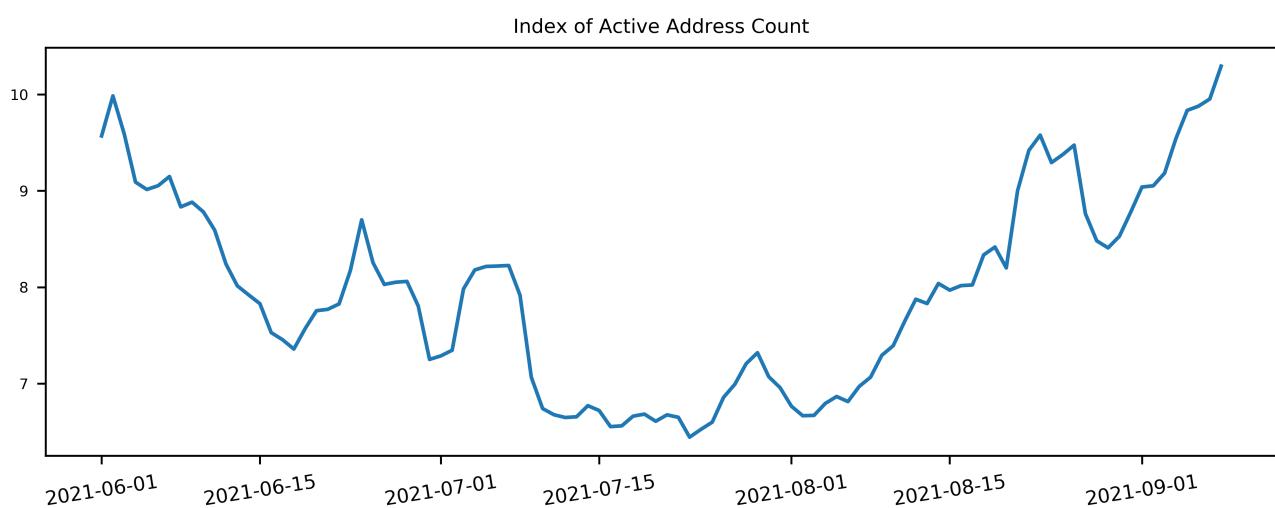
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Summary

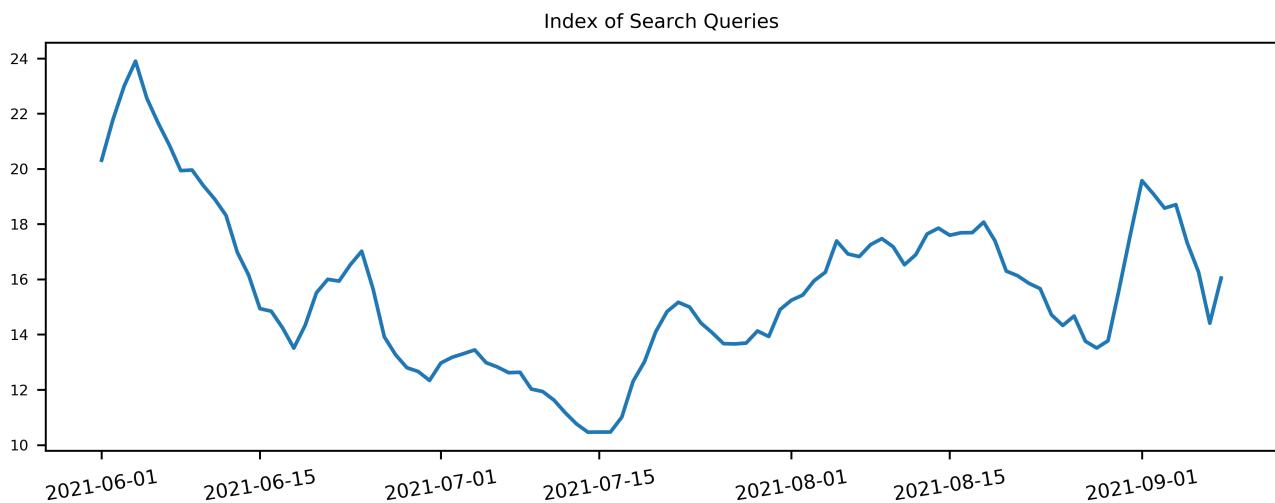
	BTC	ETH	XMR	XRP	Crypto Market
Adoption\Use	↑	↑	↓	↑	↑
Interest	↓	↑	↓	↑	↑
Volatility	↓	↑	↓	↑	↑
7d Prediction	↑	↑	↑	↓	↑
Buy/Sell	Buy	Buy	Buy	Sell	

Global Market Conditions: Adoption

The state of adoption and use of a cryptocurrency can be tracked by monitoring the number of active addresses and executed transaction in a time period, active addresses being those in a network that were either a recipient or originator of a ledger change (e.g transaction). In order to track this metrics across the whole cryptocurrency ecosystem we present them as an index composed of respective data from several different cryptocurrencies.



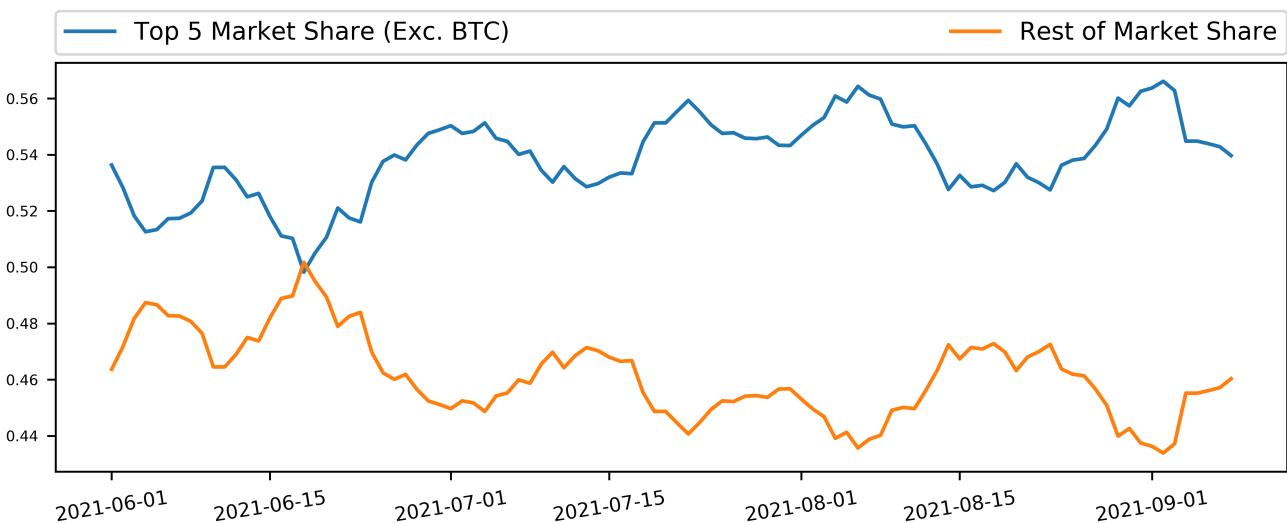
Another great metric to track interest in the crypto space is the count of search queries related to cryptocurrencies on Google, as such, and in the spirit of the previous chart, we have below an index composed of Google Trends data of a basket of search terms.



As prices of cryptocurrencies fluctuate and the overall market changes regime this information can be valuable for confirming market growth as organic or speculative.

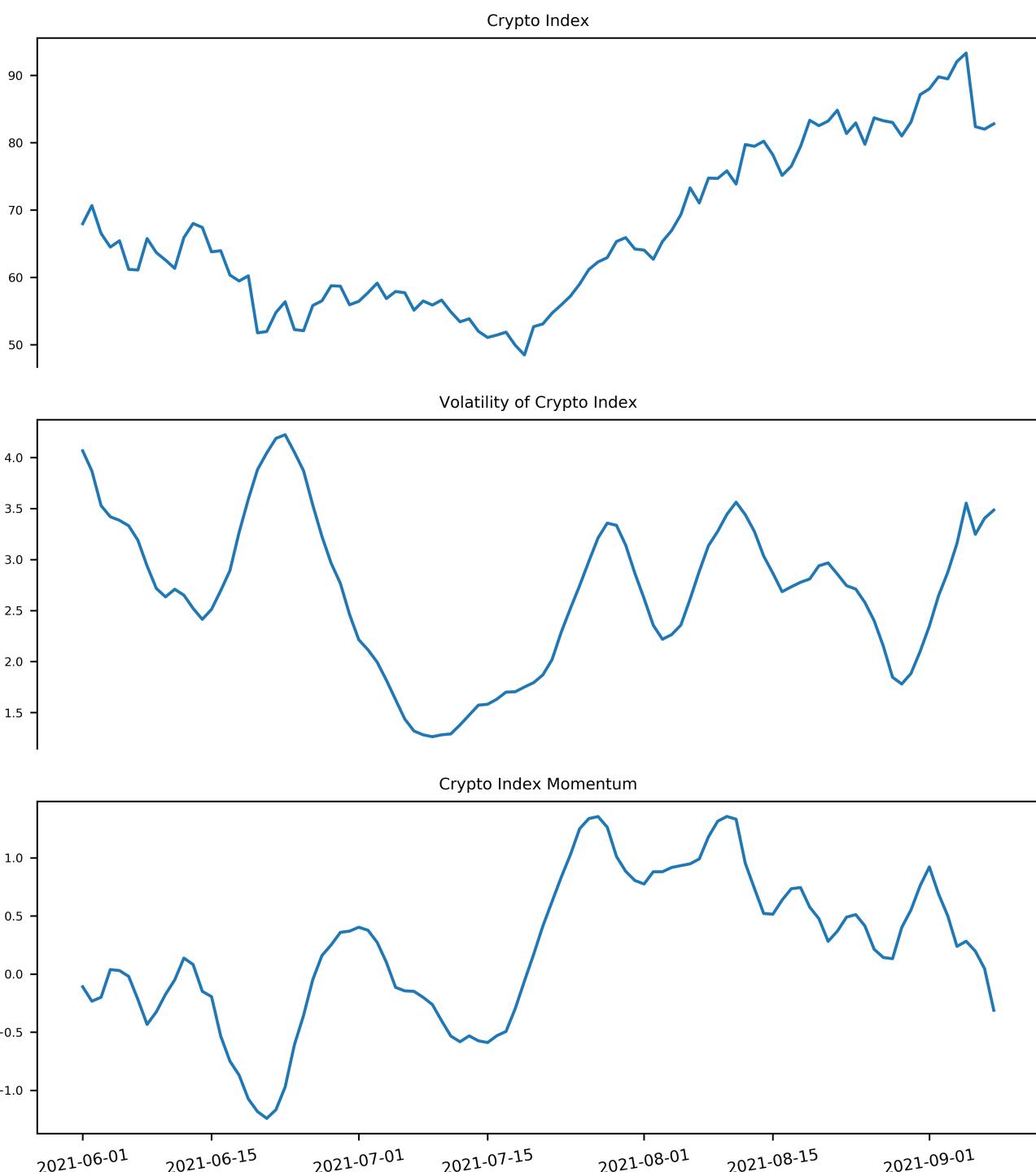
Market Psychology

To better observe the behaviour of investors in the market and gain insight into present and future trends it is valuable to partition the market into classes and track changes amongst them. As such, in order to understand if investors are prioritizing gains over risk and behaving in a greedy or fearful manner we'll analyse market cap changes between the top 5 cryptocurrencies and the rest of the market. The following chart shows the market share of the top 5 cryptos (by market cap) as a percentage of the overall crypto market cap along with the same chart but for the total market excluding the top 5 cryptos. This chart will show if investor are giving preference to well established projects in the market or to emergent ones. We'll exclude Bitcoin from the top 5 cryptos for due to it's high market cap it skews the data and hides the insight we're looking for, this is not a problem, due to the high correlation the top cryptocurrencies have with BTC the data will still account for the weight of BTC in changes to the top 5 cryptos total market cap.



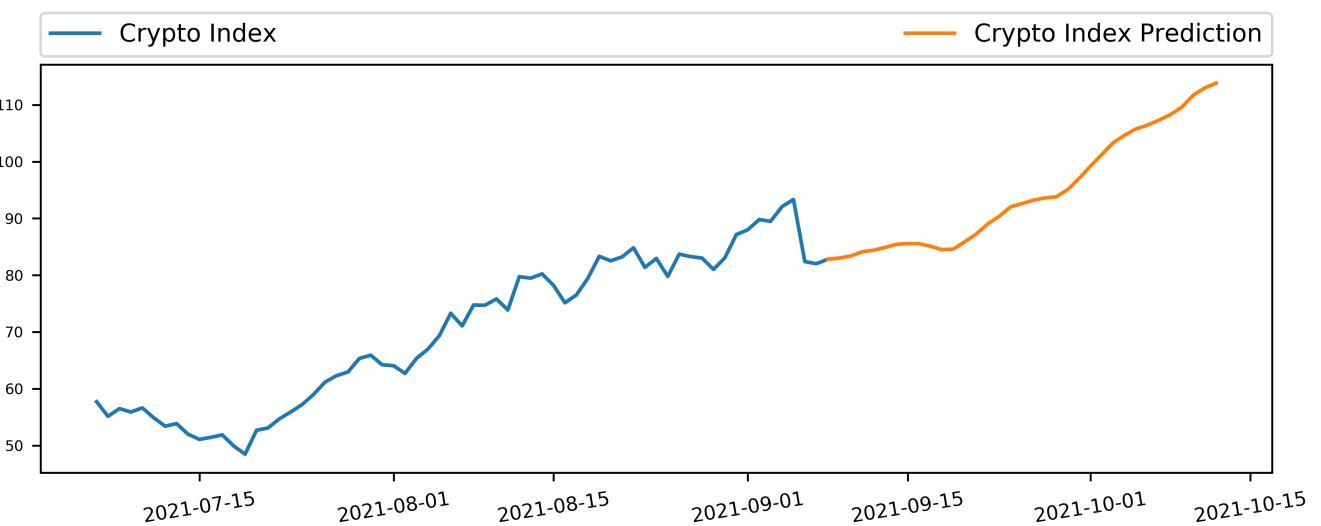
Cryptocurrency Index

As an index for the overall cryptocurrency market we'll compute a Laspeyres index composed of the top 30 cryptos (by market cap). Market volatility is presented below, smoothed to evidence current trends. Additionally we present a market momentum metric, this is simply the first discrete derivative of the Crypto Index, also smoothed, to track if the market is accelerating upwards or downwards .



Crypto Index Prediction

To conclude our analysis of the Global Crypto Market we have below a prediction of the Crypto Index for the following 35 days.



Additionally we present a table summarizing the predictions above.

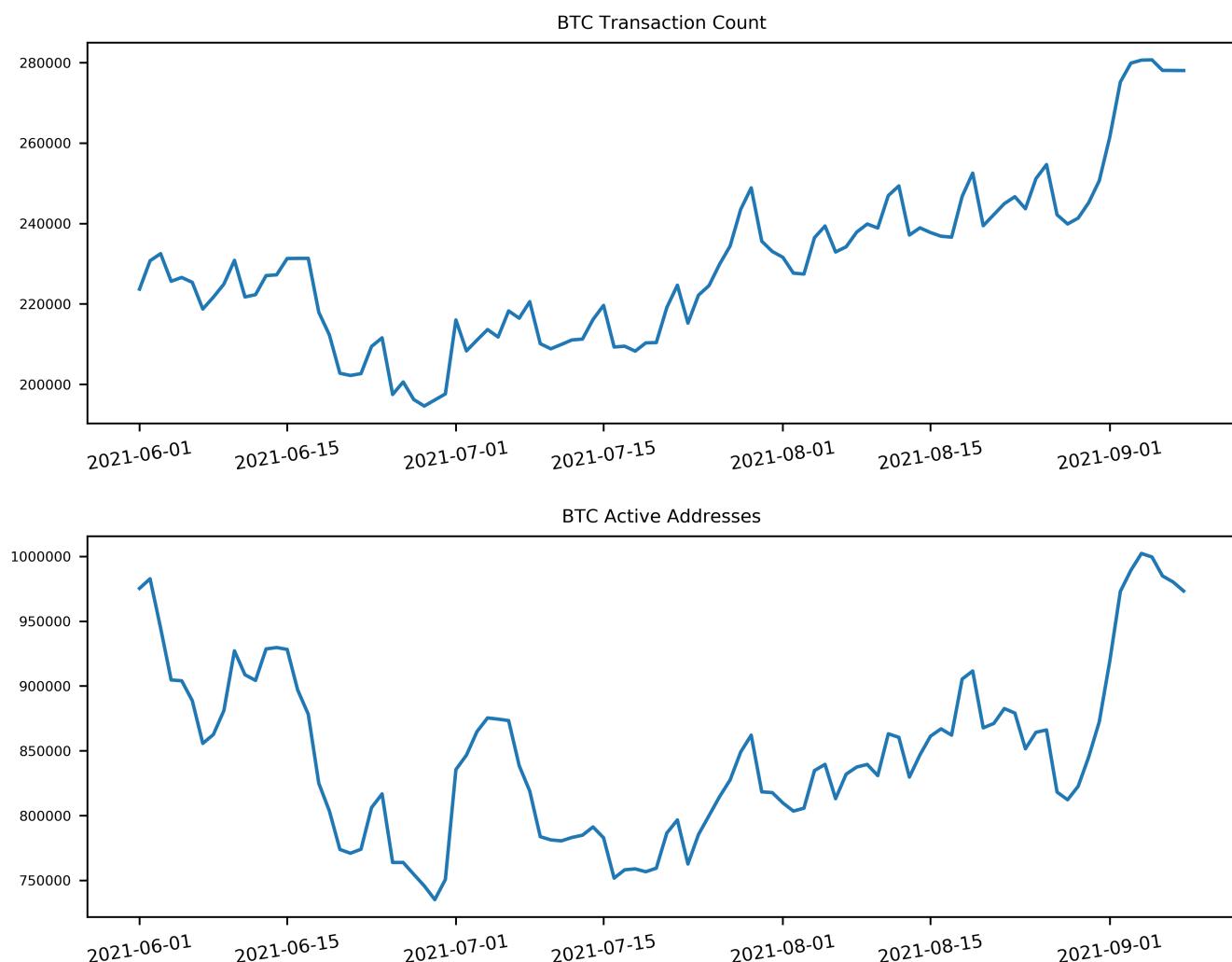
	%
7 days	3.3
15 days	11.1
30 days	32.4

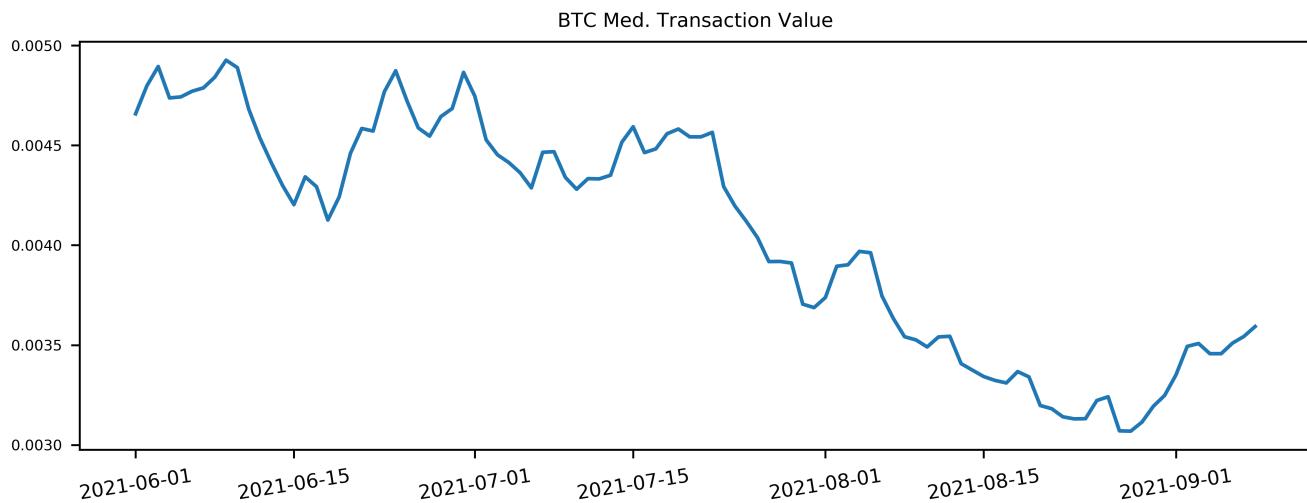
Cryptocurrencies: BTC

The following sections will provide an analysis on BTC, ETH, XMR, XRP. We'll start by tracking adoption, use and public interest, then move to price analysis and finish with a price prediction of the next 35 days.

Network

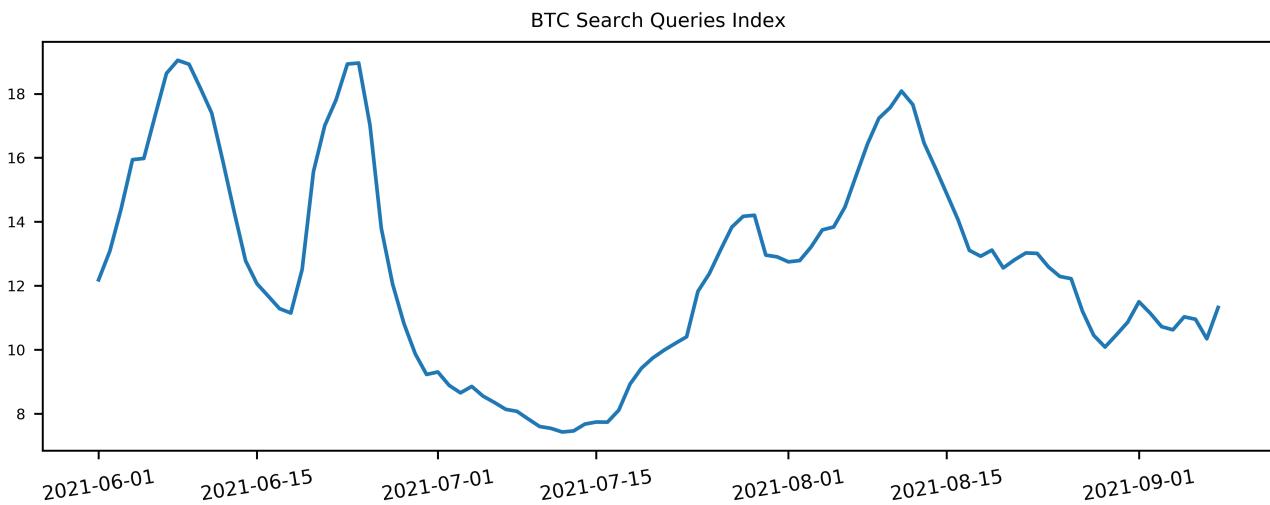
To measure adoption we'll again use the count of Active Addresses and Transaction used previously, additionally we'll track the median transacted value (when available), in the native currency, to see if the average transaction value is rising or declining.





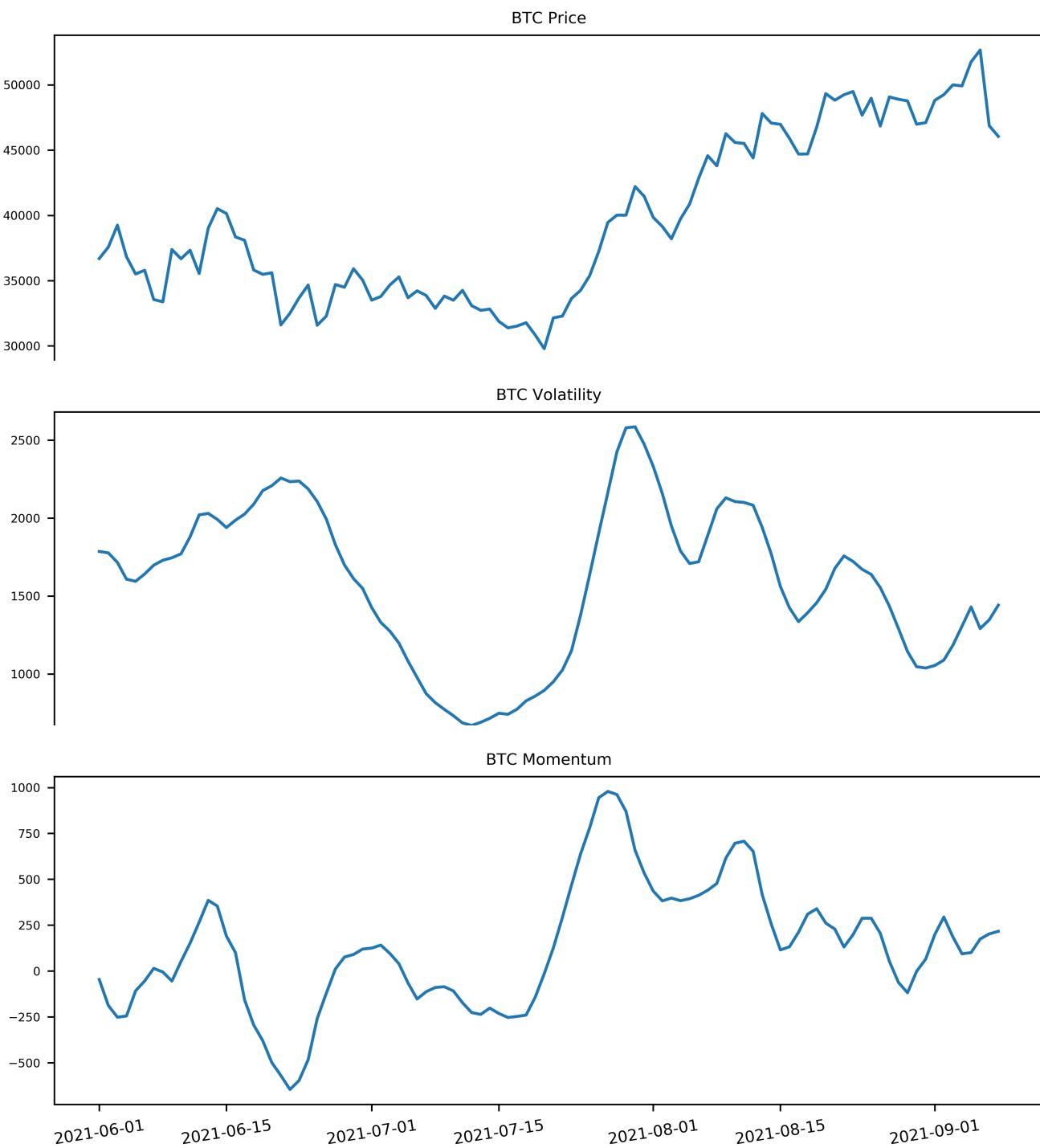
Public Interest

As a measure of public interest we'll resort to Google search queries of terms related to BTC.

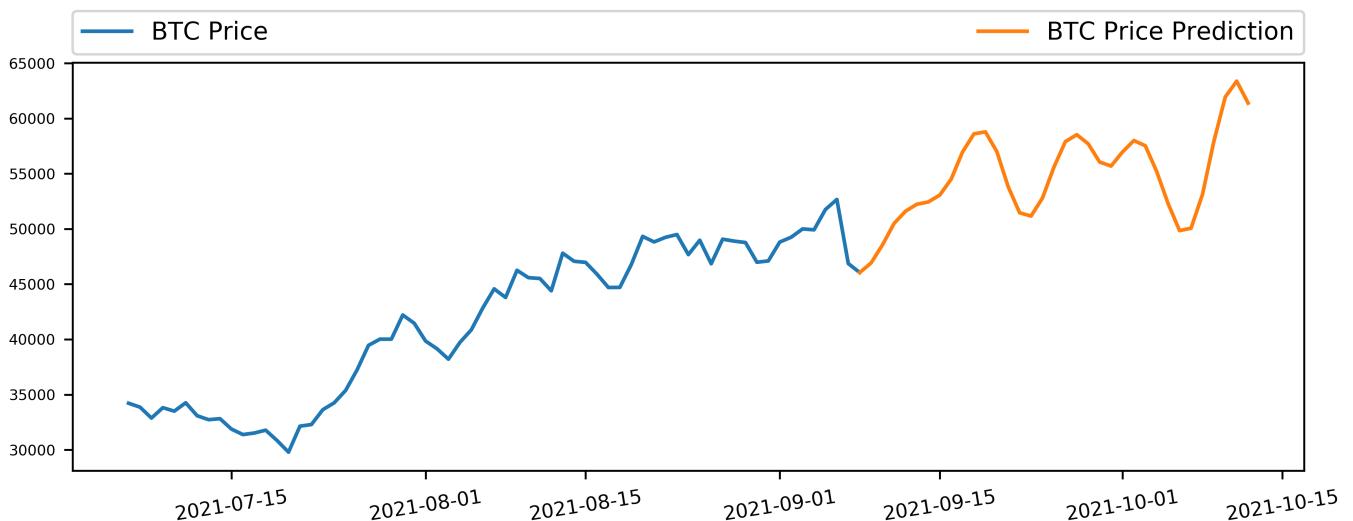


Price

Below we have BTC's price, it's volatility and momentum.



Price Prediction

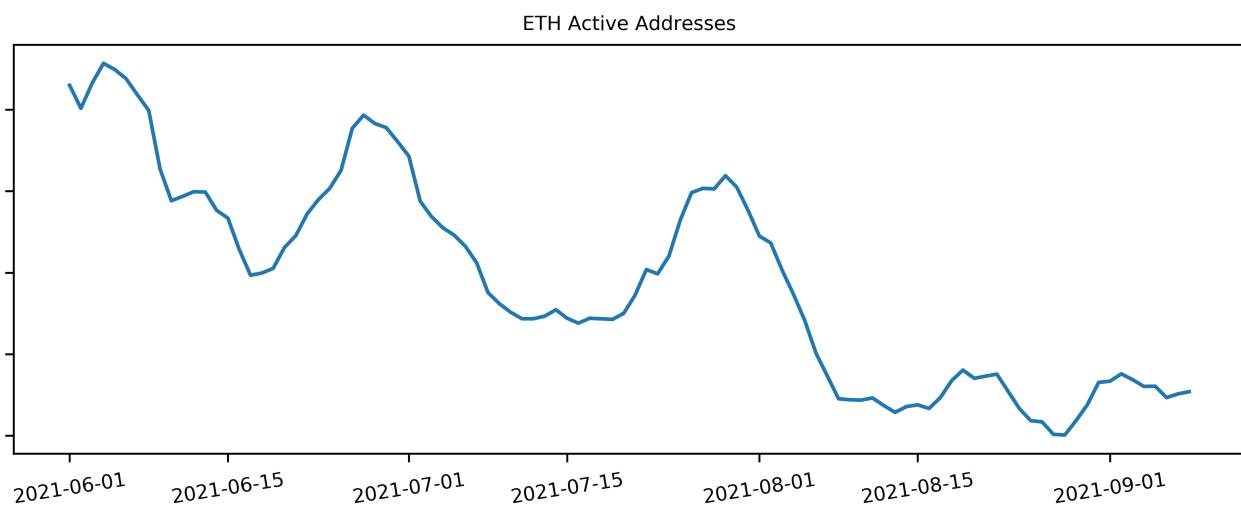
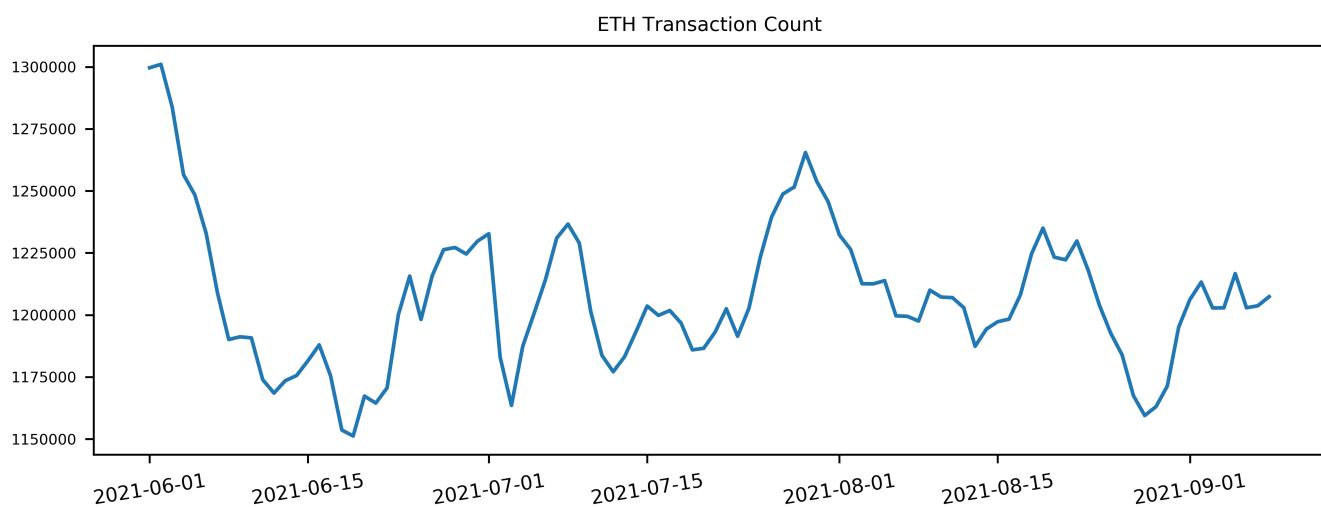


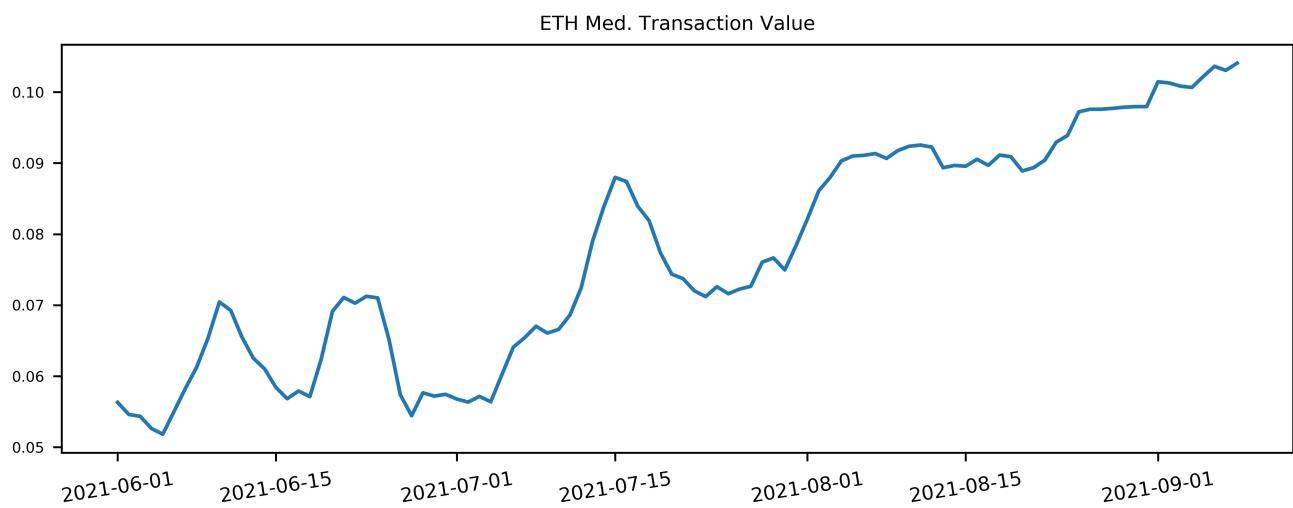
The following table summarizes the predictions above.

% 	
7 days	18.3
15 days	14.7
30 days	25.8

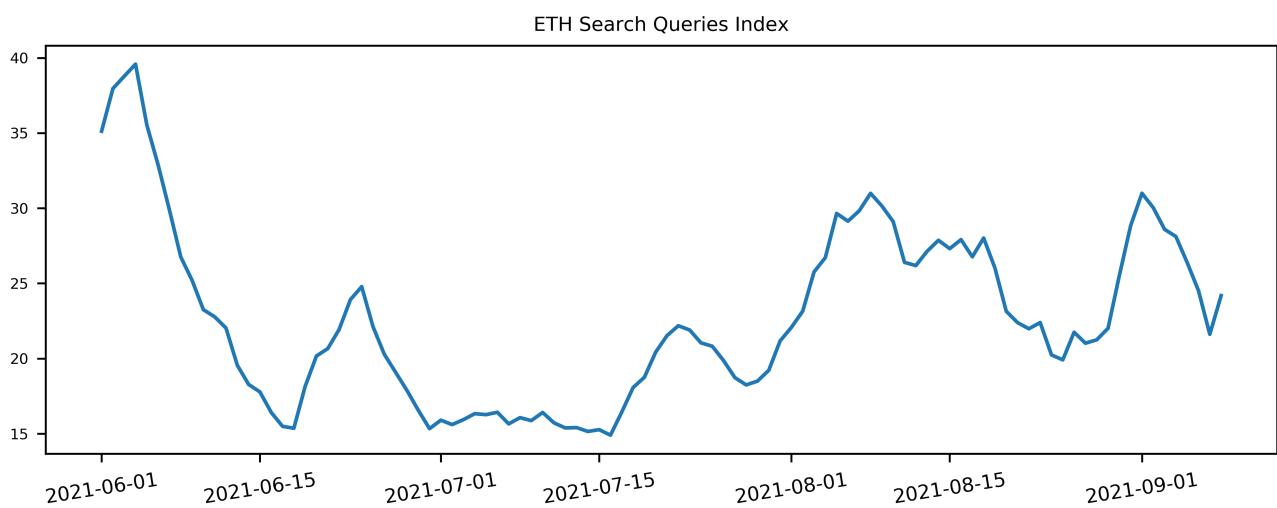
ETH

Network

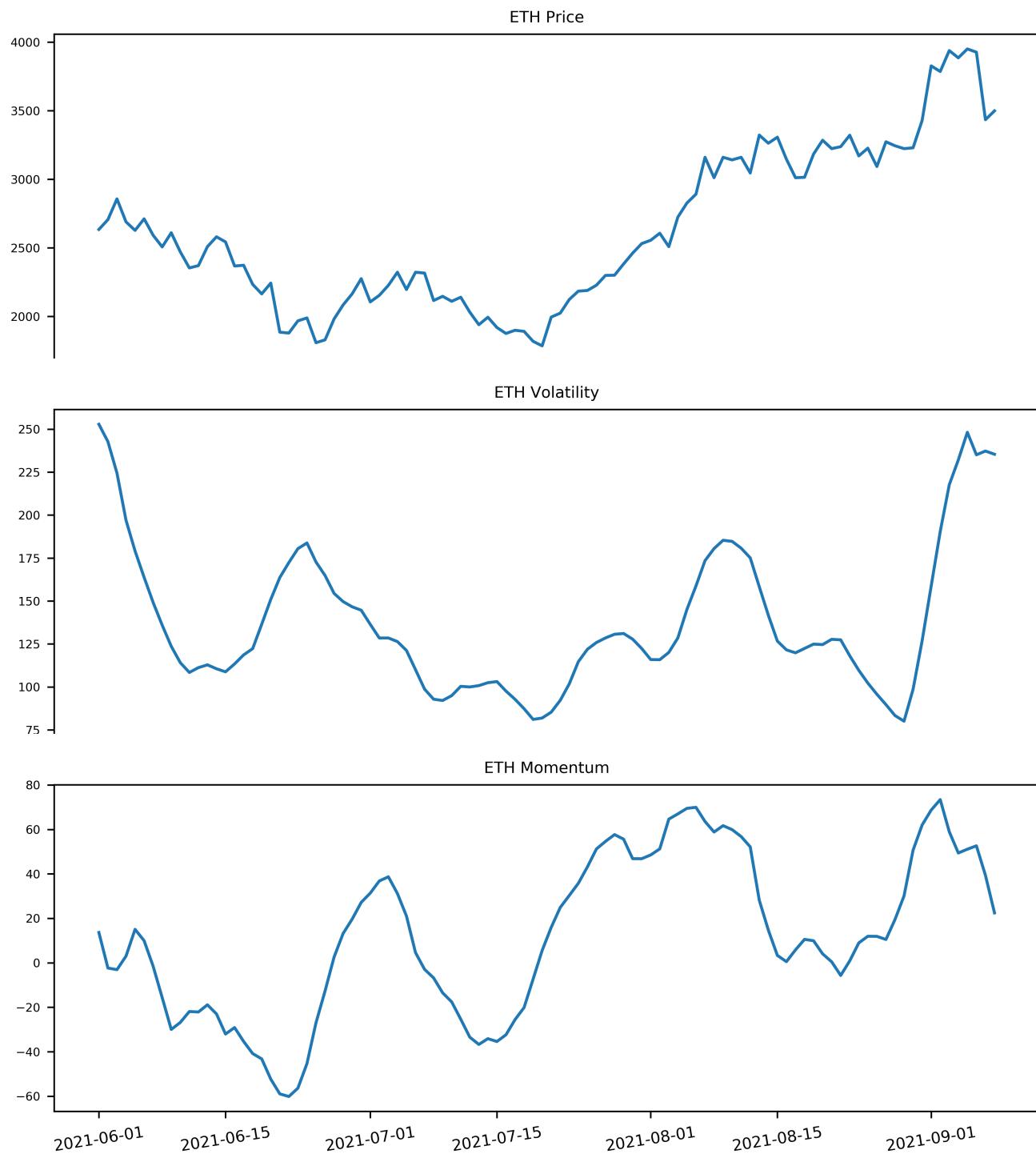




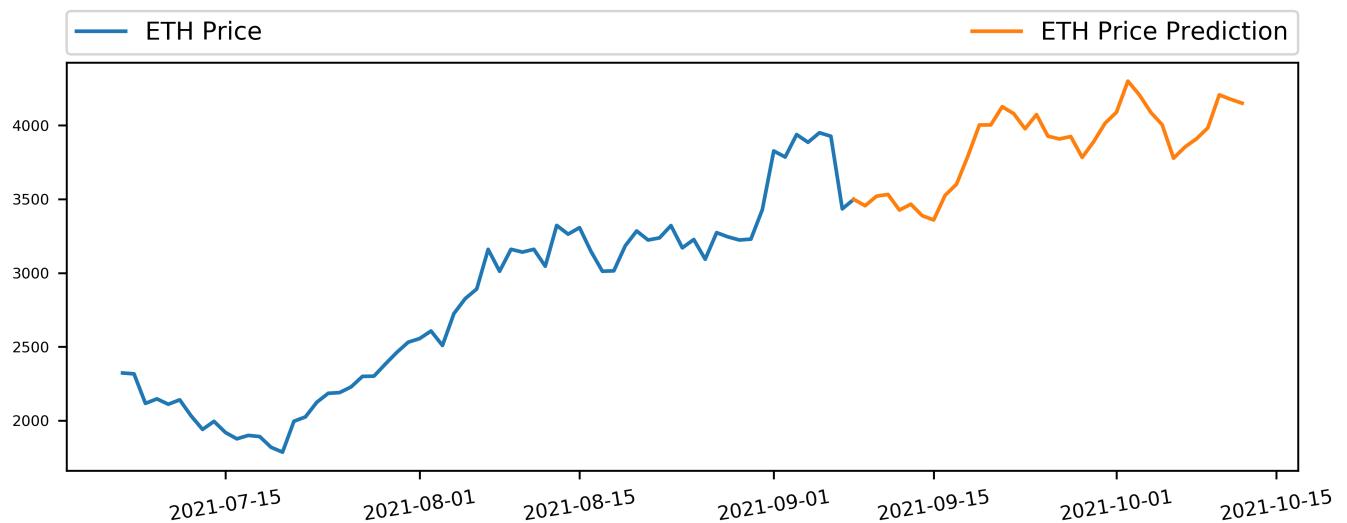
Public Interest



Price



Price Prediction

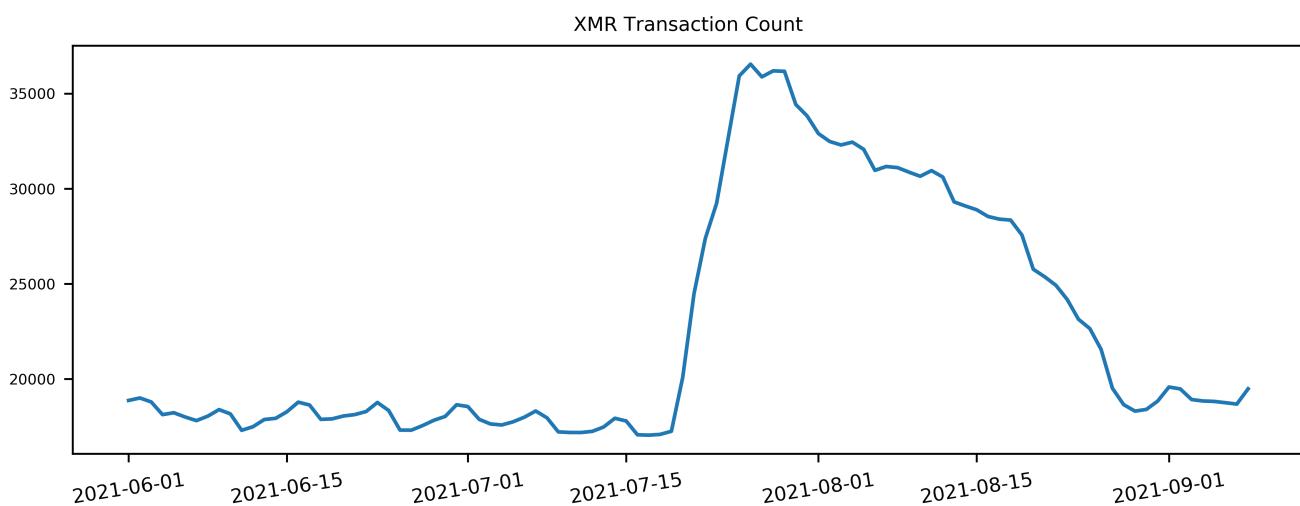


	%
7 days	0.8
15 days	16.4
30 days	13.9

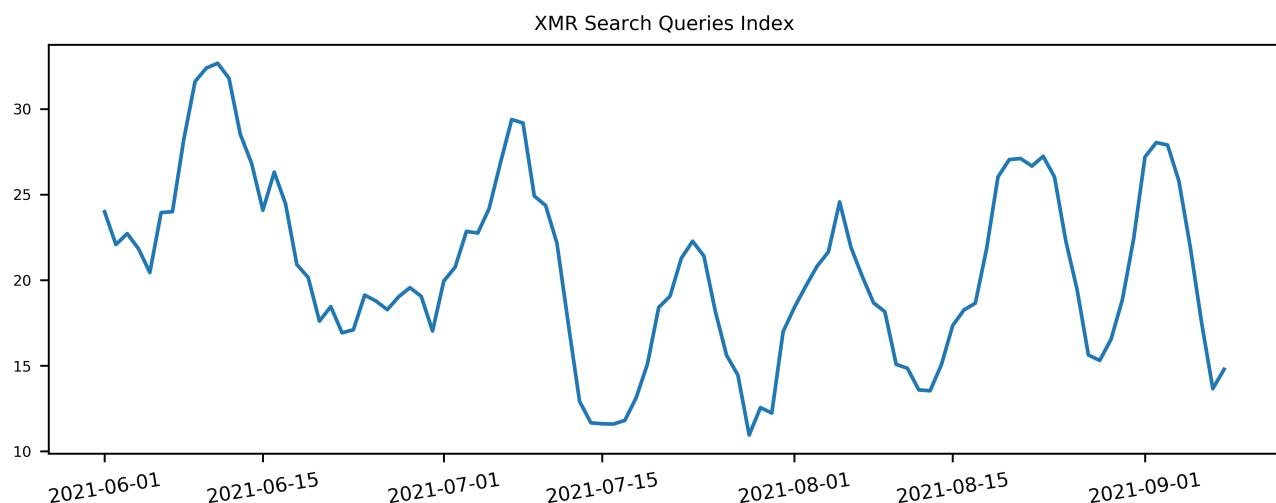
XMR

Network

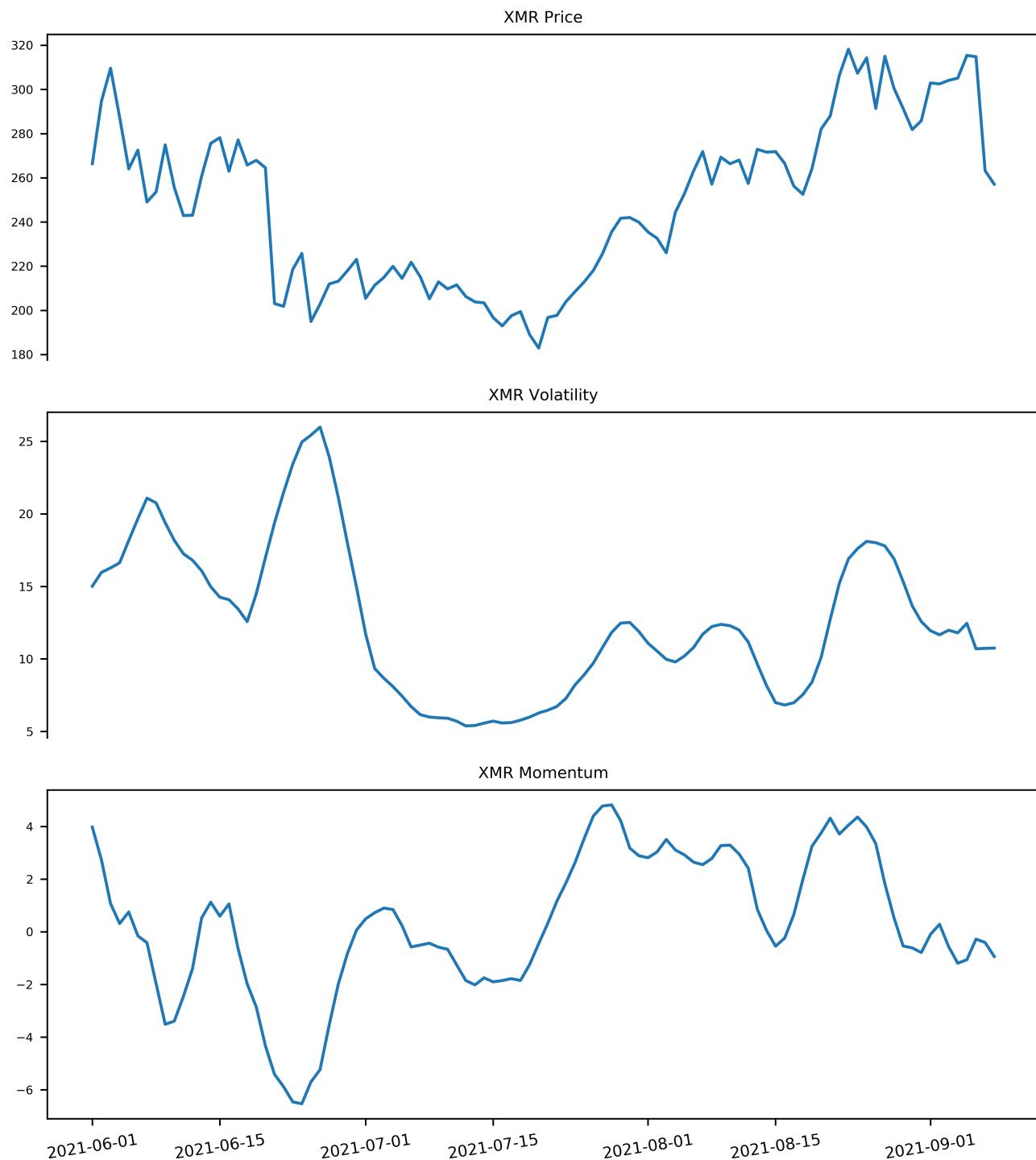
Due to the nature of the XMR Network some data is not available.



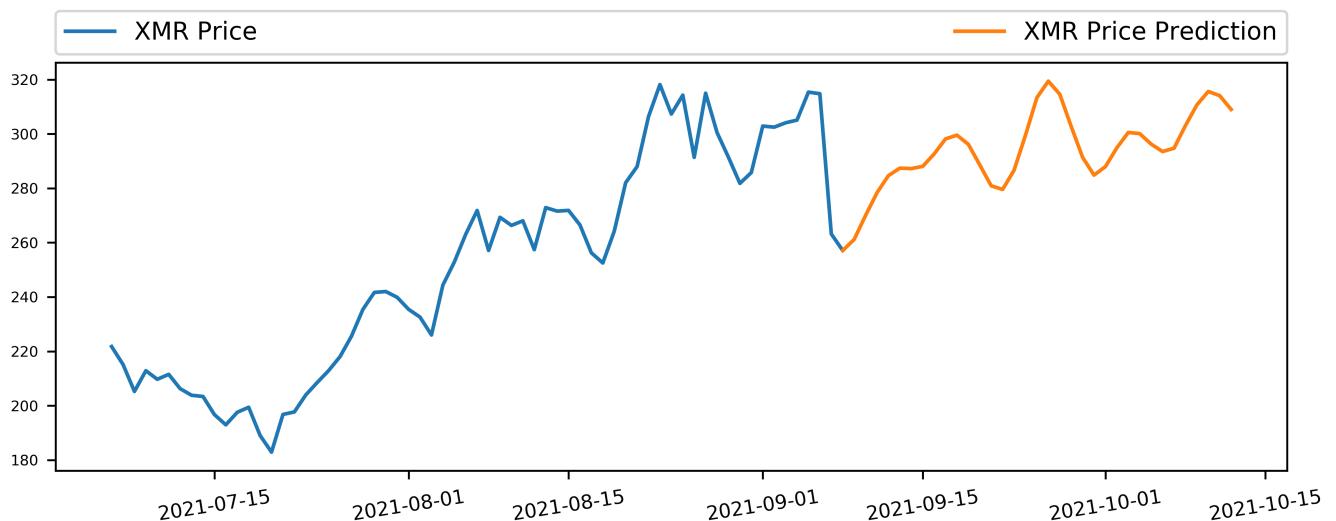
Public Interest



Price



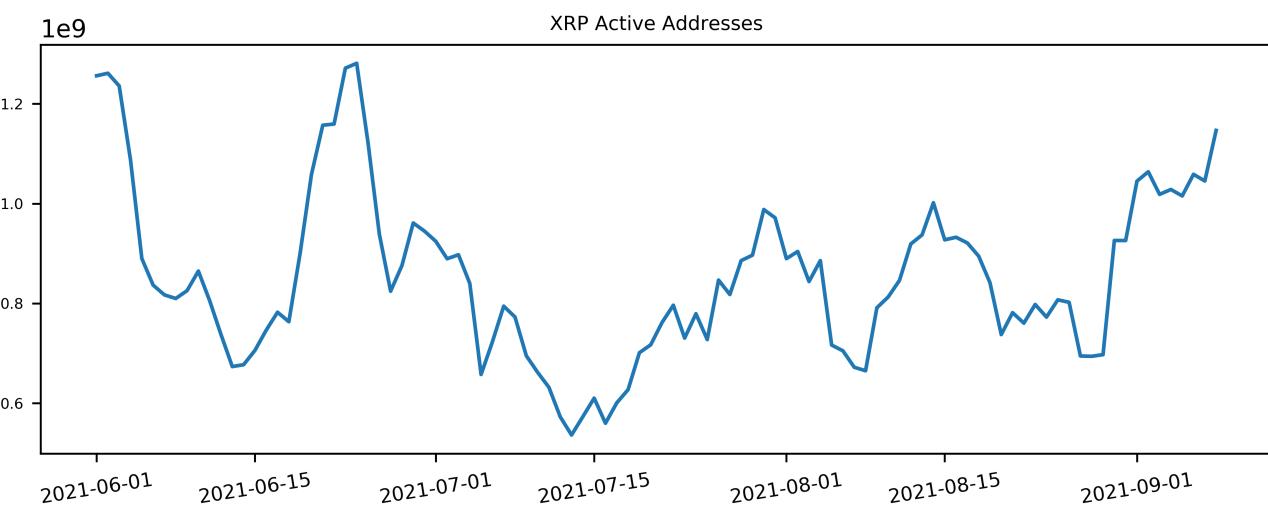
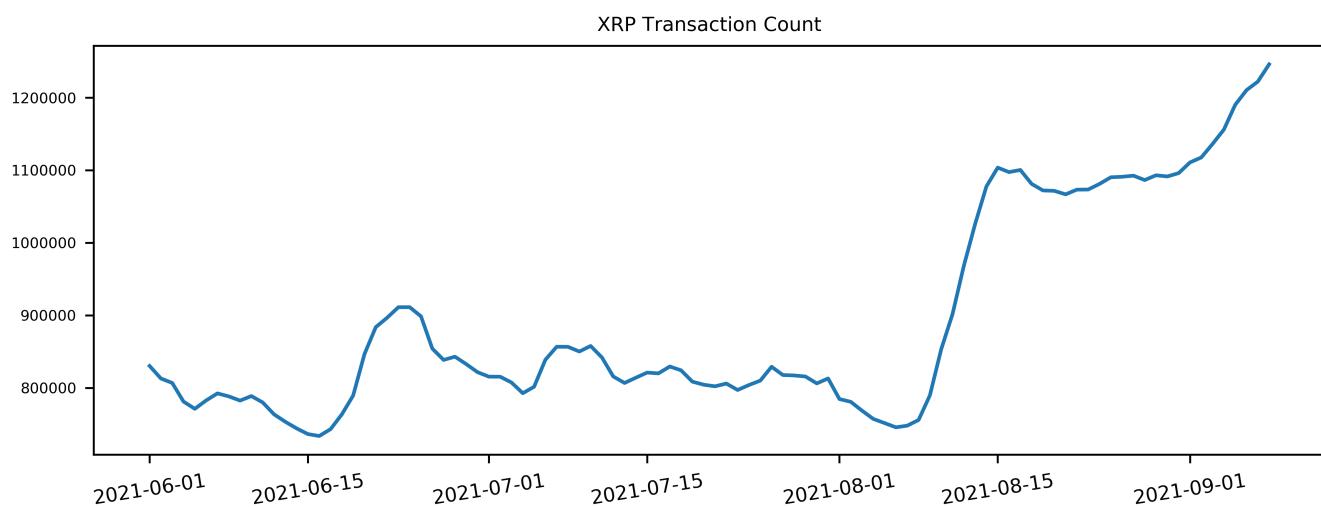
Price Prediction

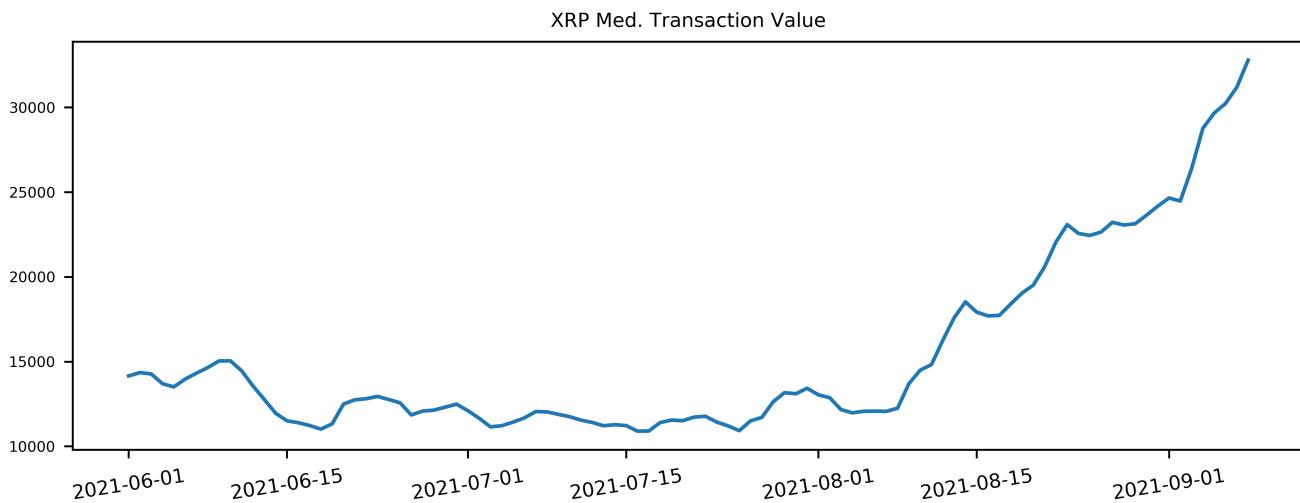


	%
7 days	13.8
15 days	16.5
30 days	20.8

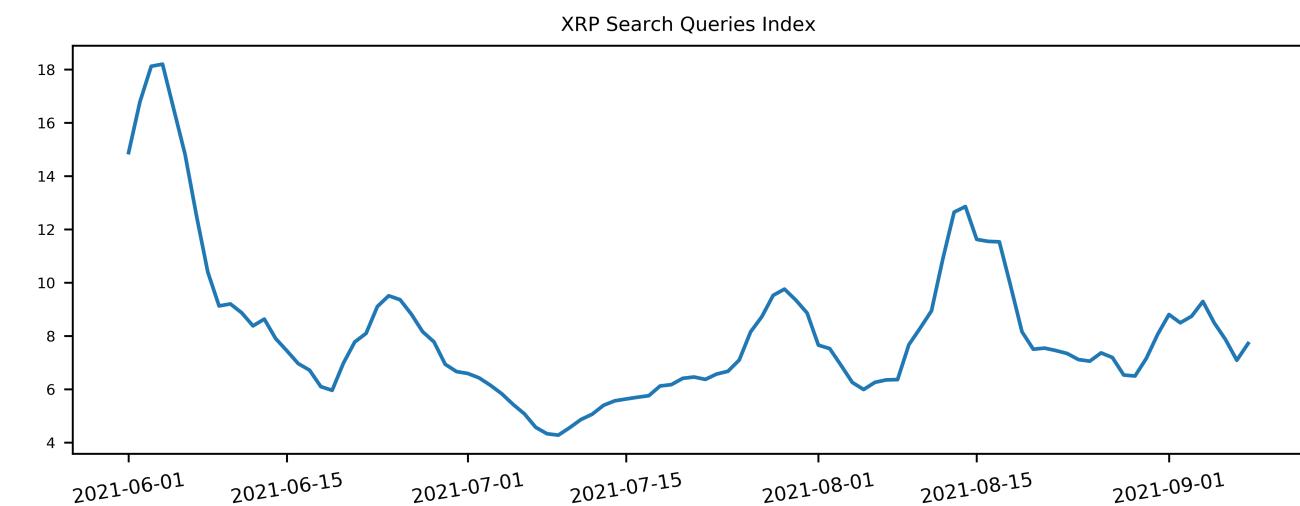
XRP

Network

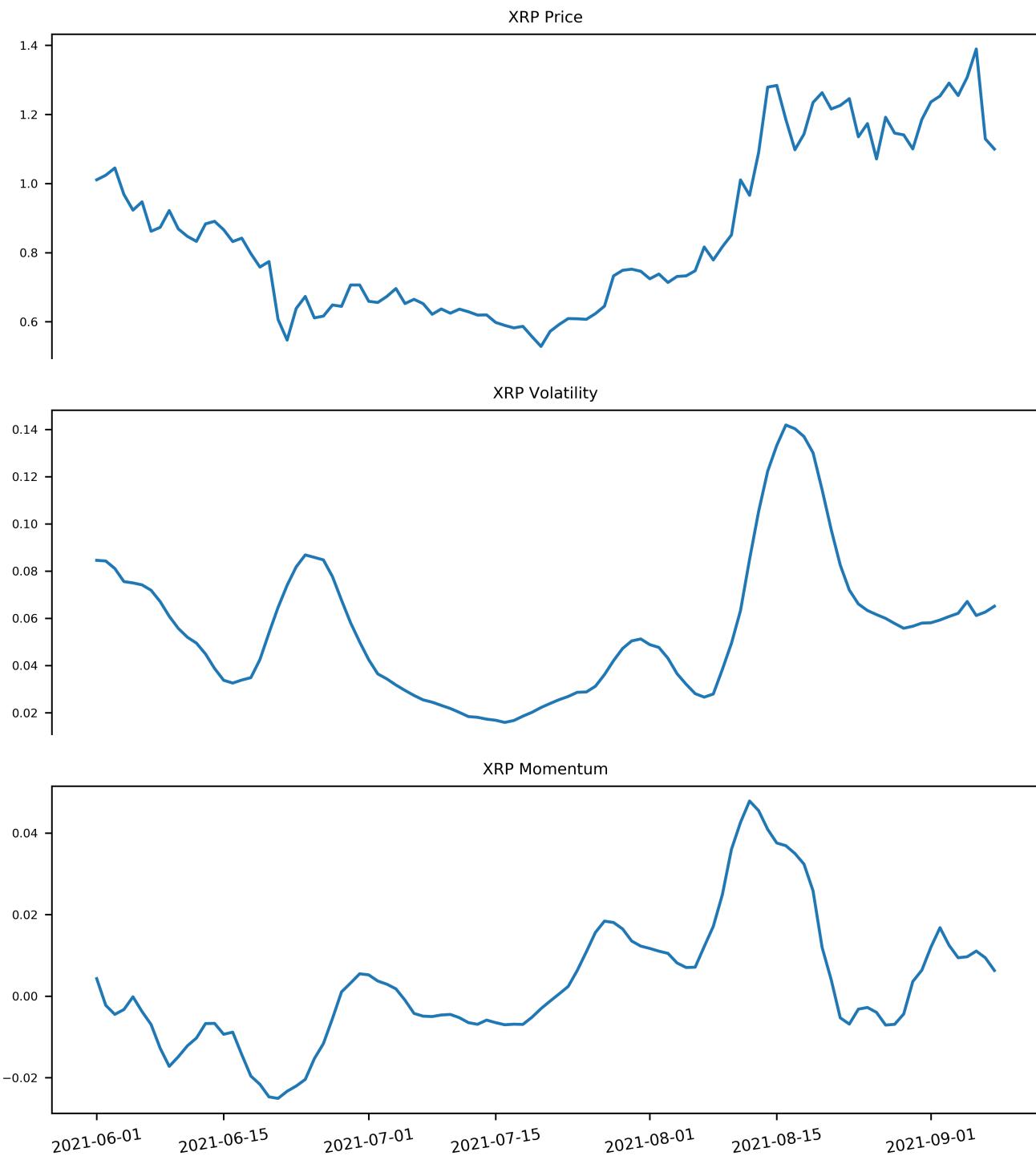




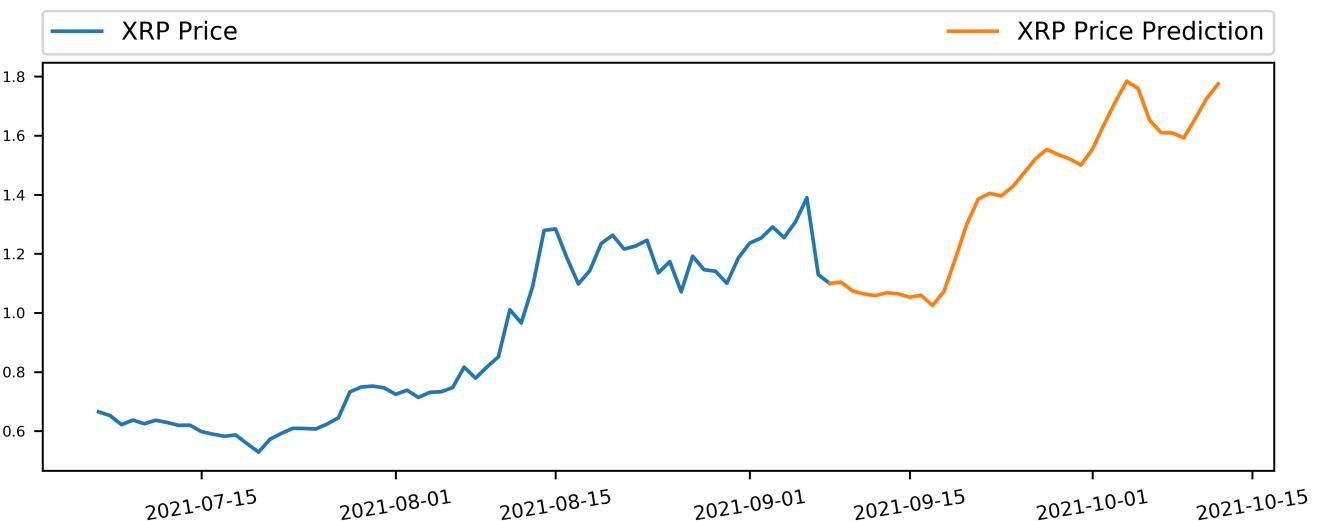
Public Interest



Price



Price Prediction



	%
7 days	-3.7
15 days	29.7
30 days	44.8

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