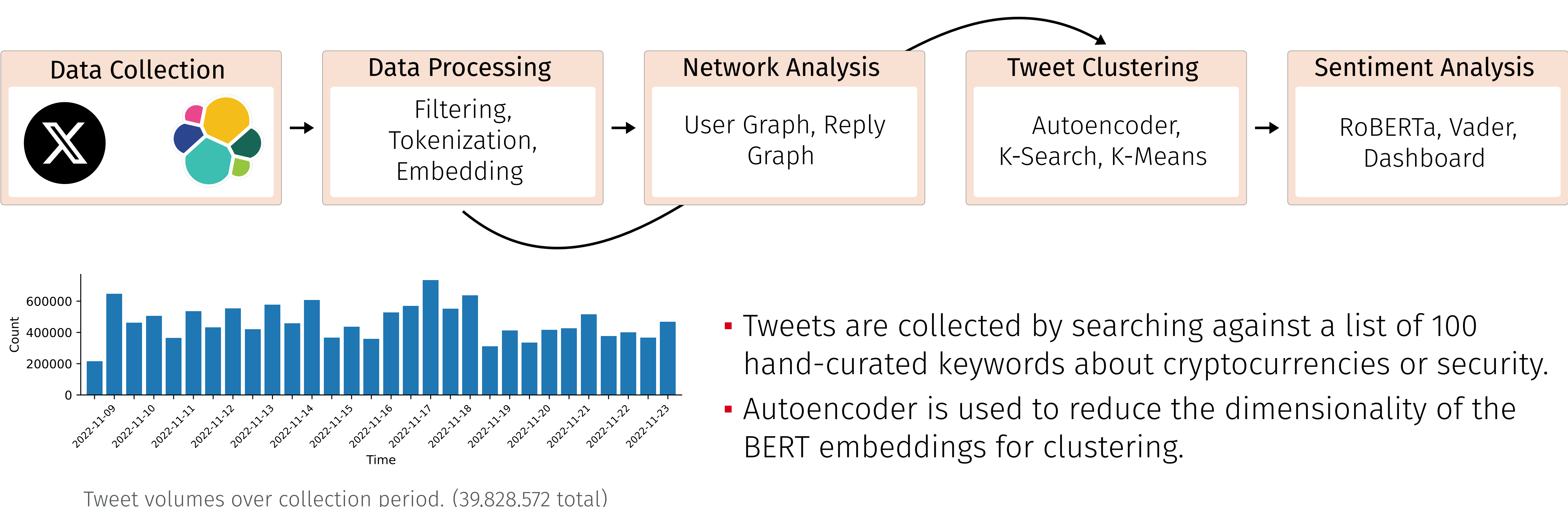


The rise in popularity of cryptocurrencies has led to an emergence of a new form of social media, known as *Crypto Twitter*.
What can this data tell us about the cryptocurrency ecosystem?

Data Collection & Processing



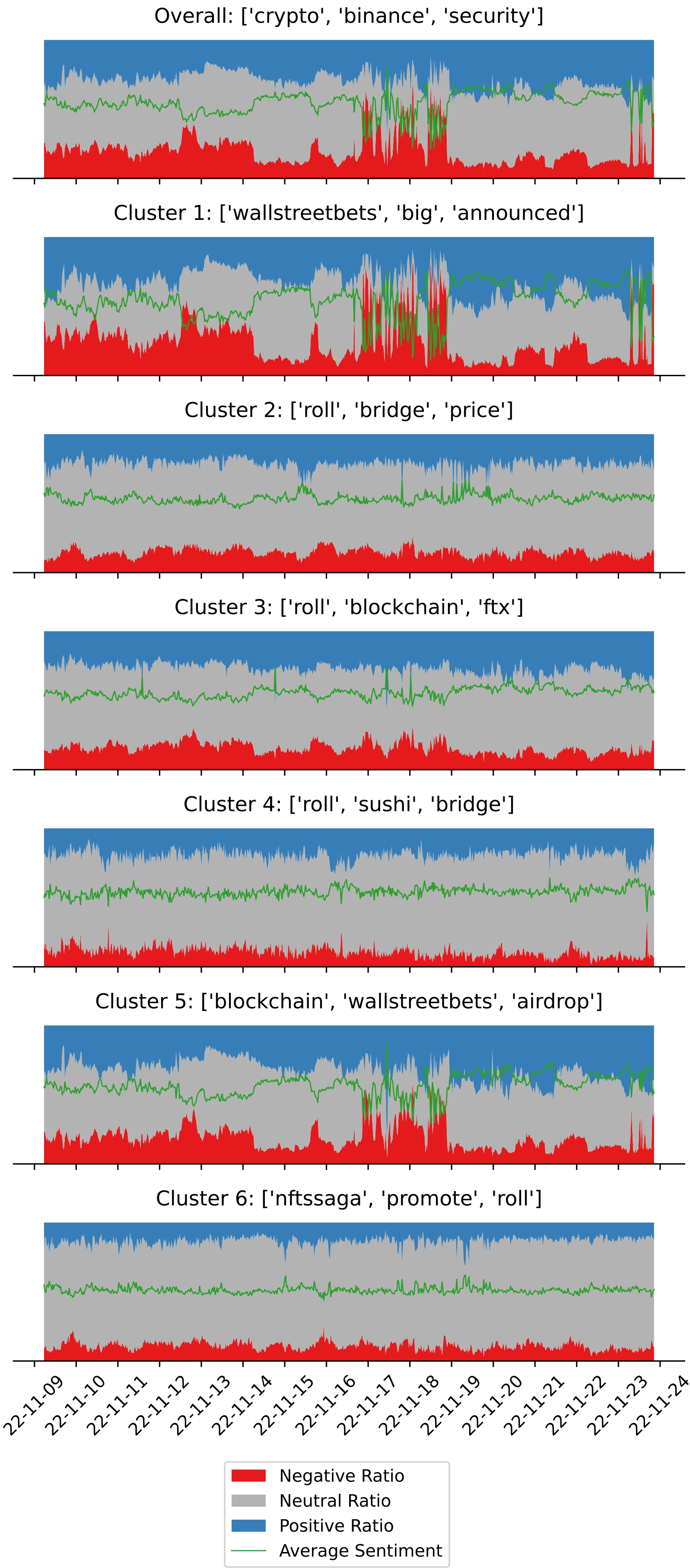
Cluster Analysis



- The tweet clusters can be characterized into on-topic, conspiracy theorists, meta discussions.
- Sentiment change across clusters over time show correlation to real-life events such as giveaways (airdrops) or scams.

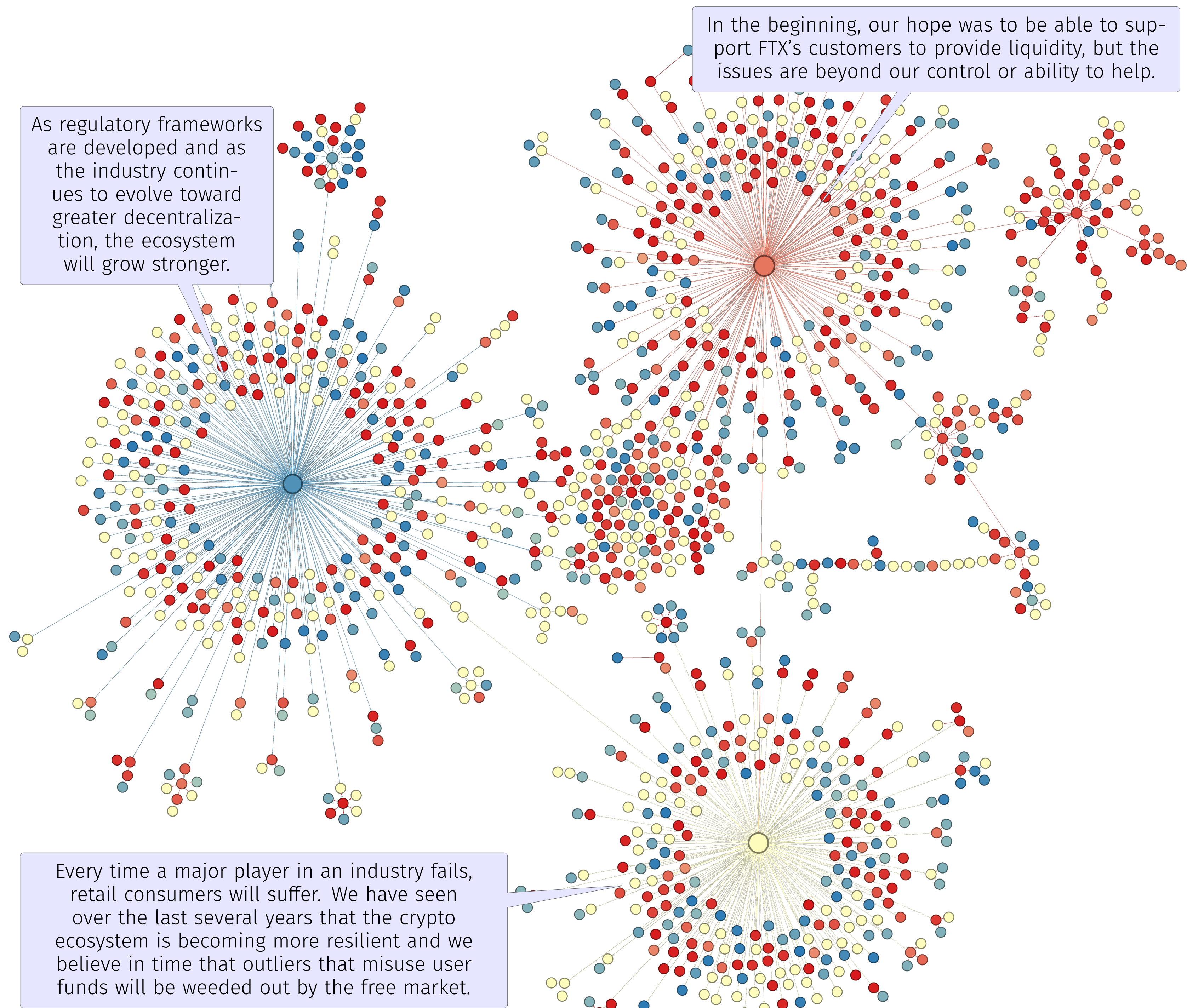
ID	Characterization	Top 10 Keywords
Overall		user, http, pump, just, signal, happen, crypto, wallstreetbets, event, kucoin
1	Crypto Conspirators	user, pump, http, signal, just, event, happen, wallstreetbets, kucoin, big
2	Meta Crypto Twitter	user, crypto, http, promote, roll, token, price, 000, binance, security
3	Crypto Observers	user, http, crypto, v2, rollup, address, tokens, claiming, compatible, evm
4	Crypto Commenters	roll, crypto, sushi, user, project, security, good, try, http, bridge
5	Crypto Doubters	user, http, pump, crypto, just, signal, kucoin, happen, event, wallstreetbets
6	Interested Investors	promote, user, crypto, price, roll, http, btc, binance, eth, bitcoin

Top 10 most frequent terms of each cluster.



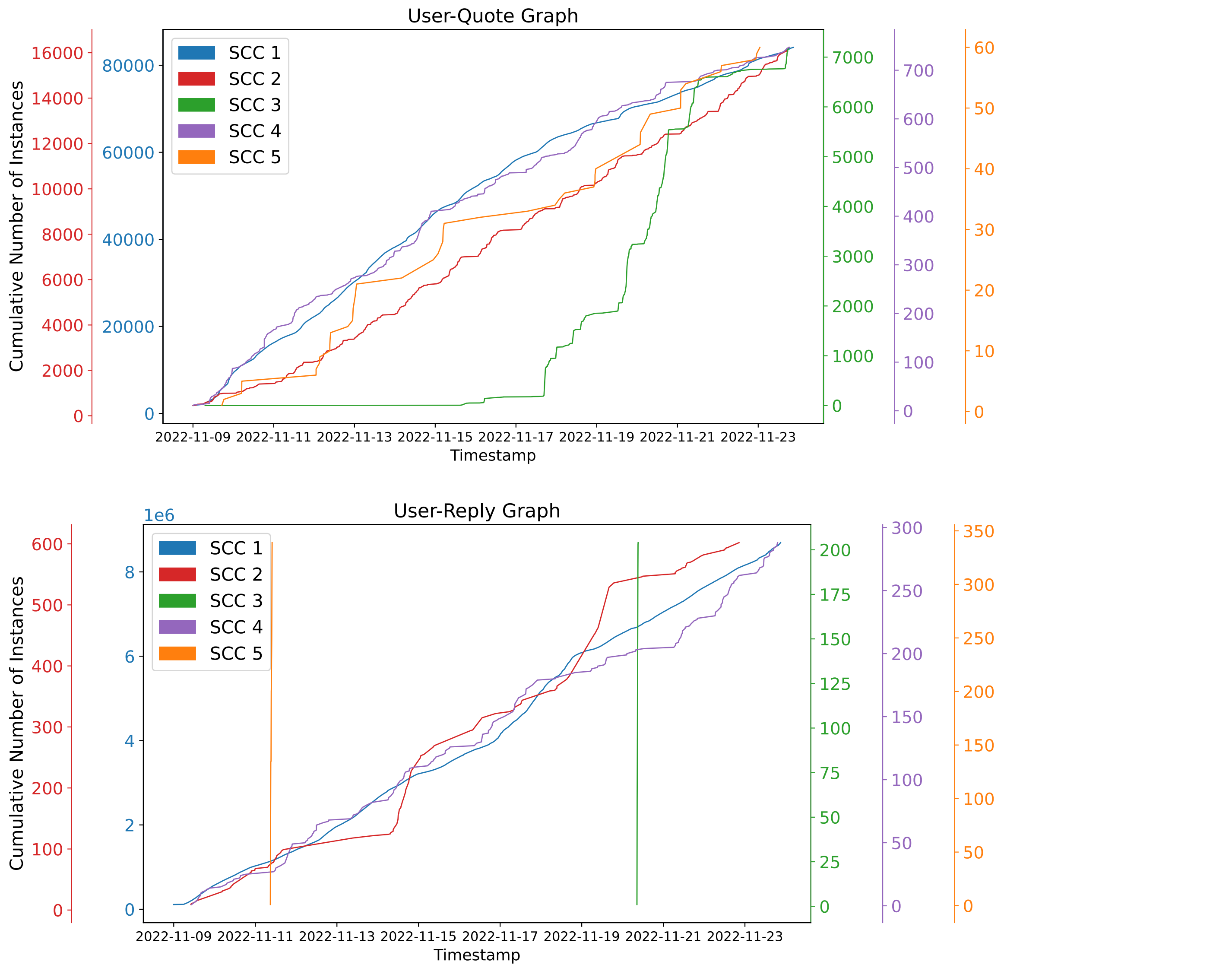
Sentiment Change Over Time.

Network Analysis



7th largest weakly connected component in reply network.

The three central tweets are from a single thread by Changpeng Zhao, former CEO of Binance.



Change in SCC component size for user networks.

- Heavy influencer presence (Professional Athletes, Tech Influencers, Meta-Commenters, etc.).
- Observable pattern of bot-suspicious accounts.
- Identifiable network of bot-suspicious accounts boosting each other's presence.
- Propagation of negative/positive sentiment.
- Identification of potential market manipulation attempts.