

Twitter Analysis: Trump

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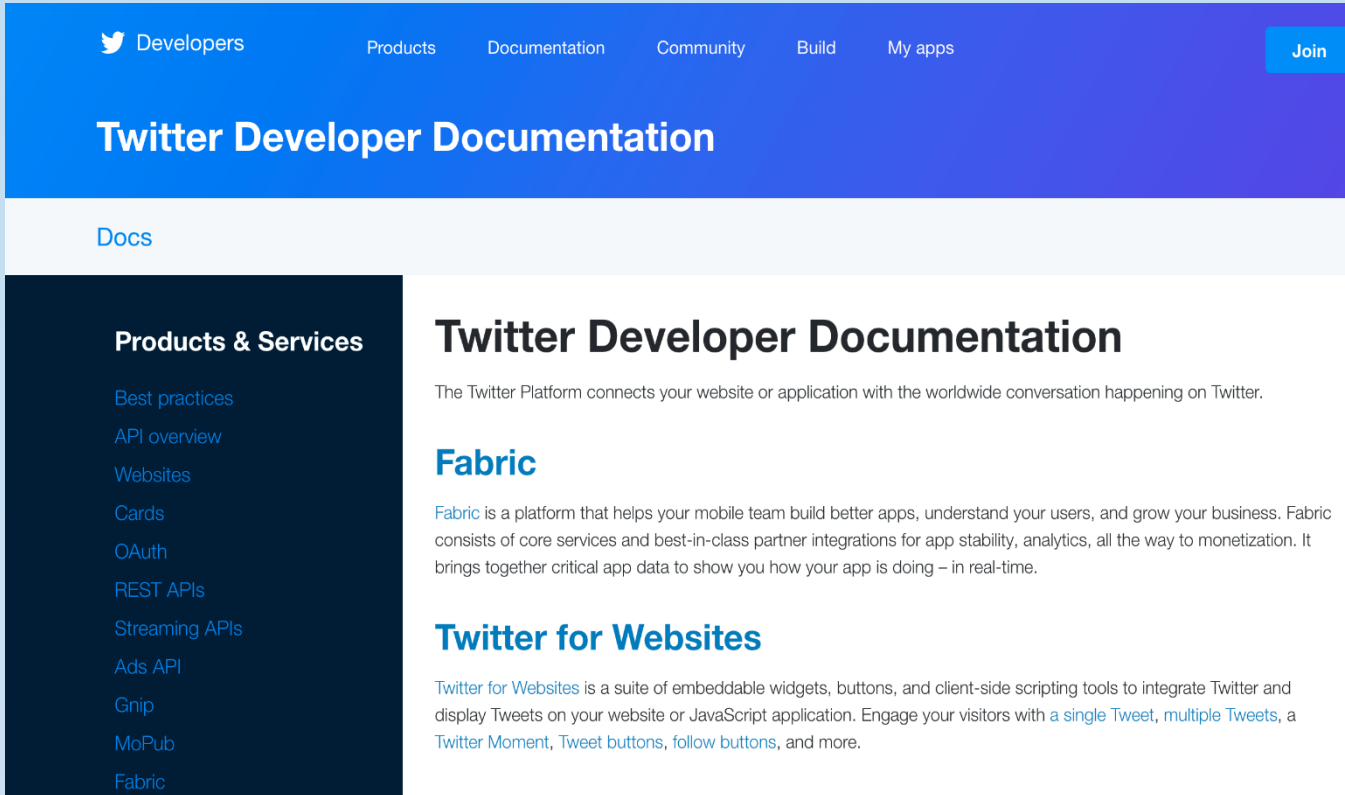
Why

- Unexpected election result
- twitter plays a critical role
- Obama's the 1st candidate who uses twitter in the campaign
- try to know the person behind their tweets.



How

Get Data



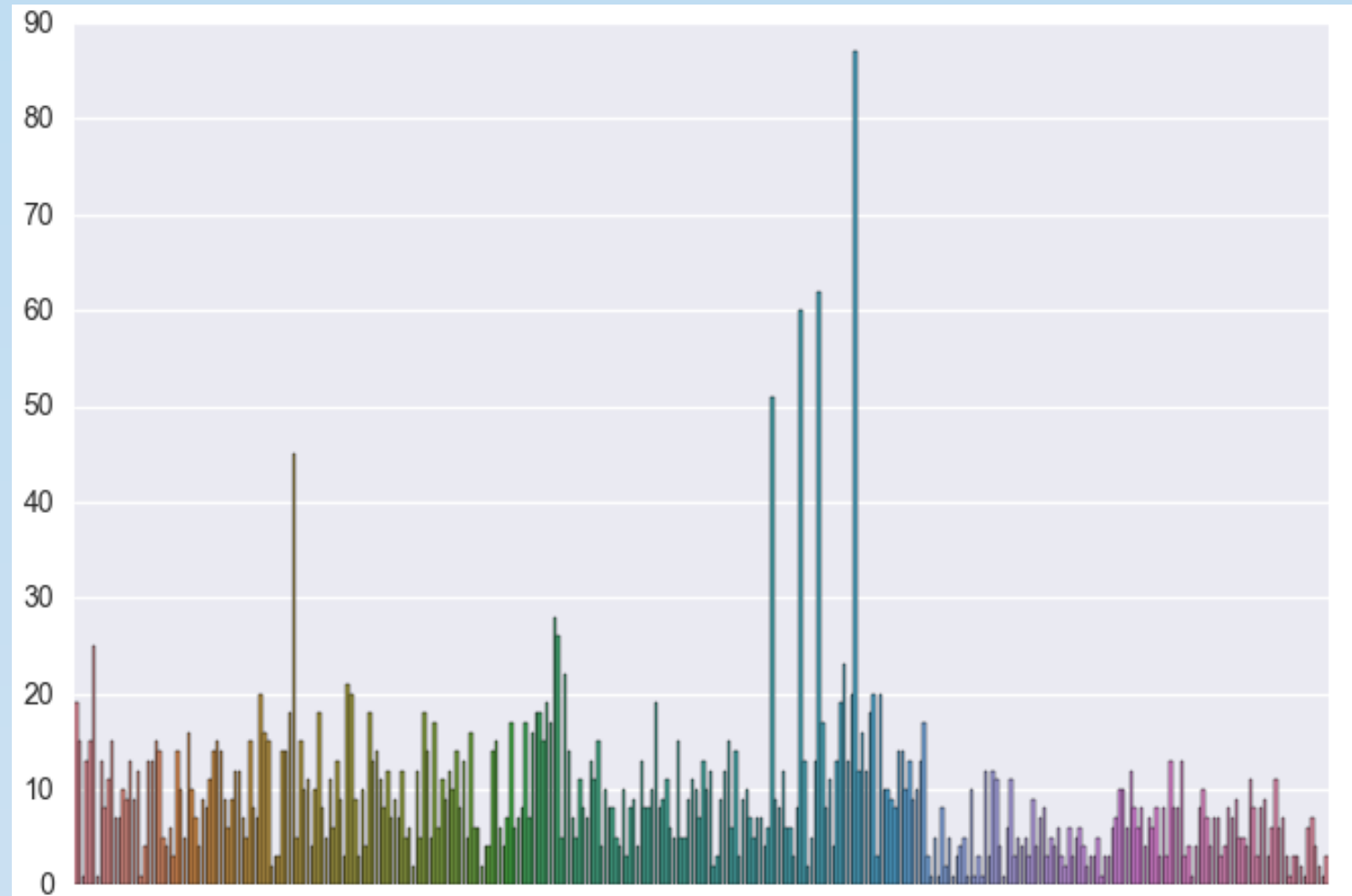
Twitter API + Module Tweety

President Trump's
President Obama's tweets



What

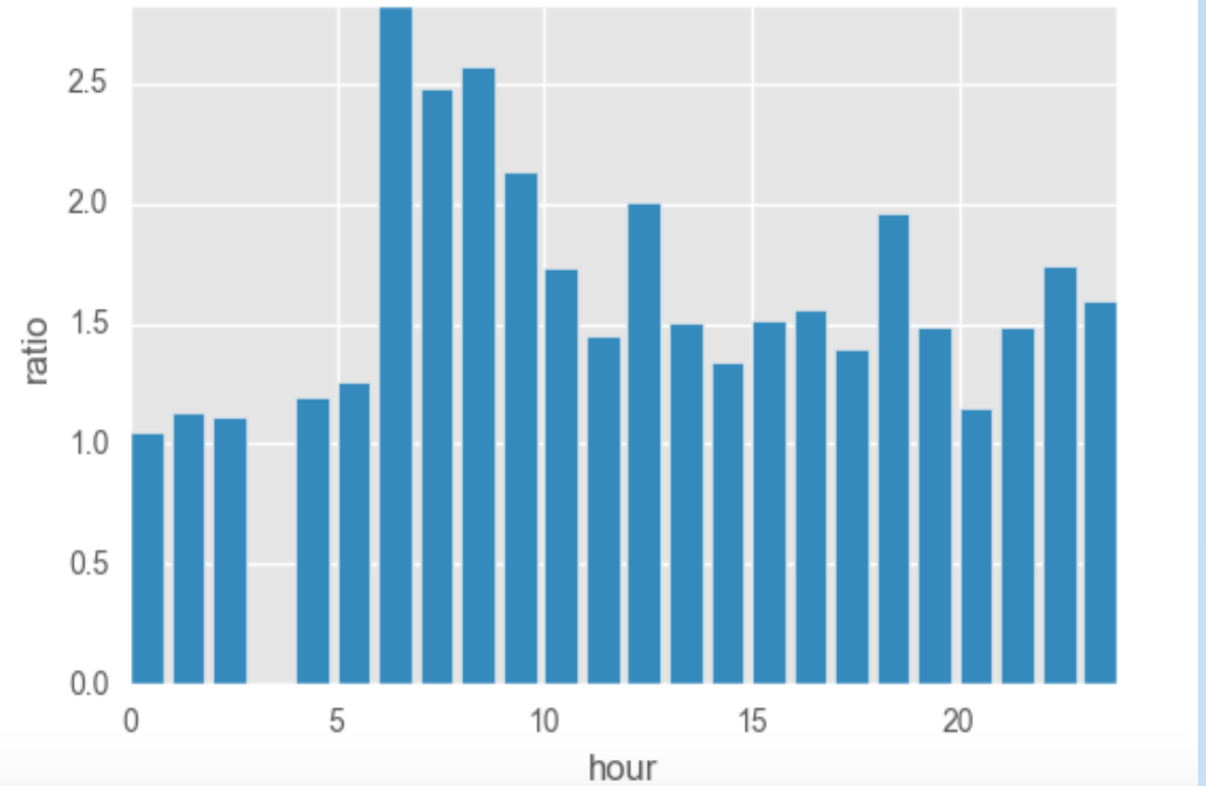
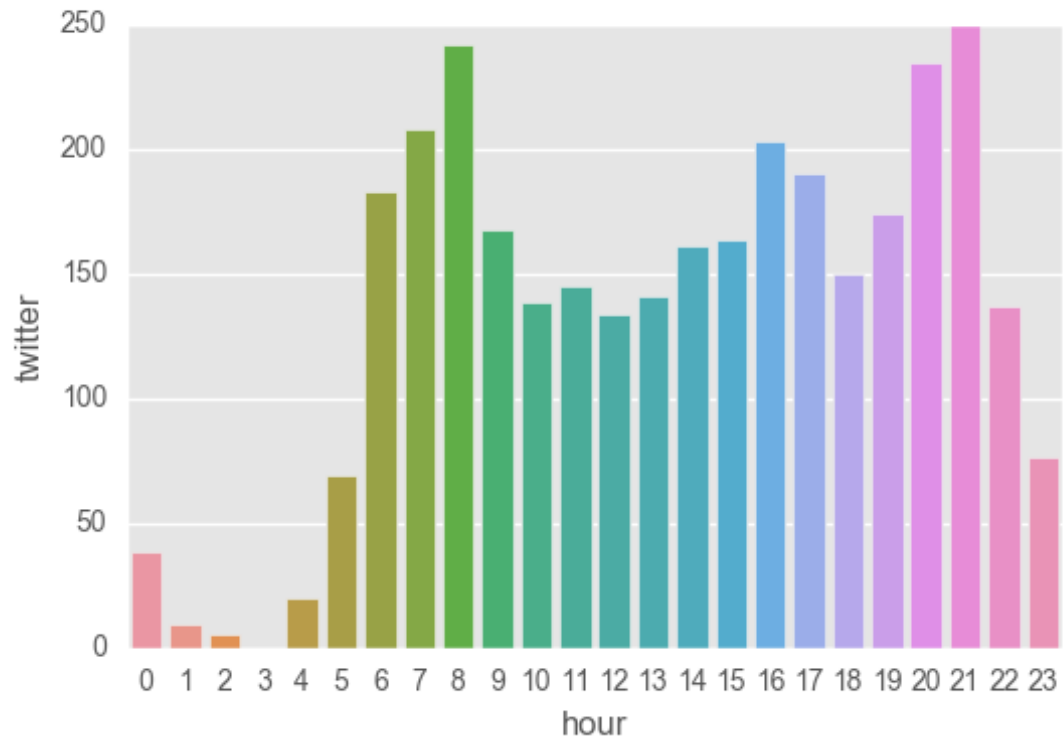
Description



Number of tweets against date

twitter

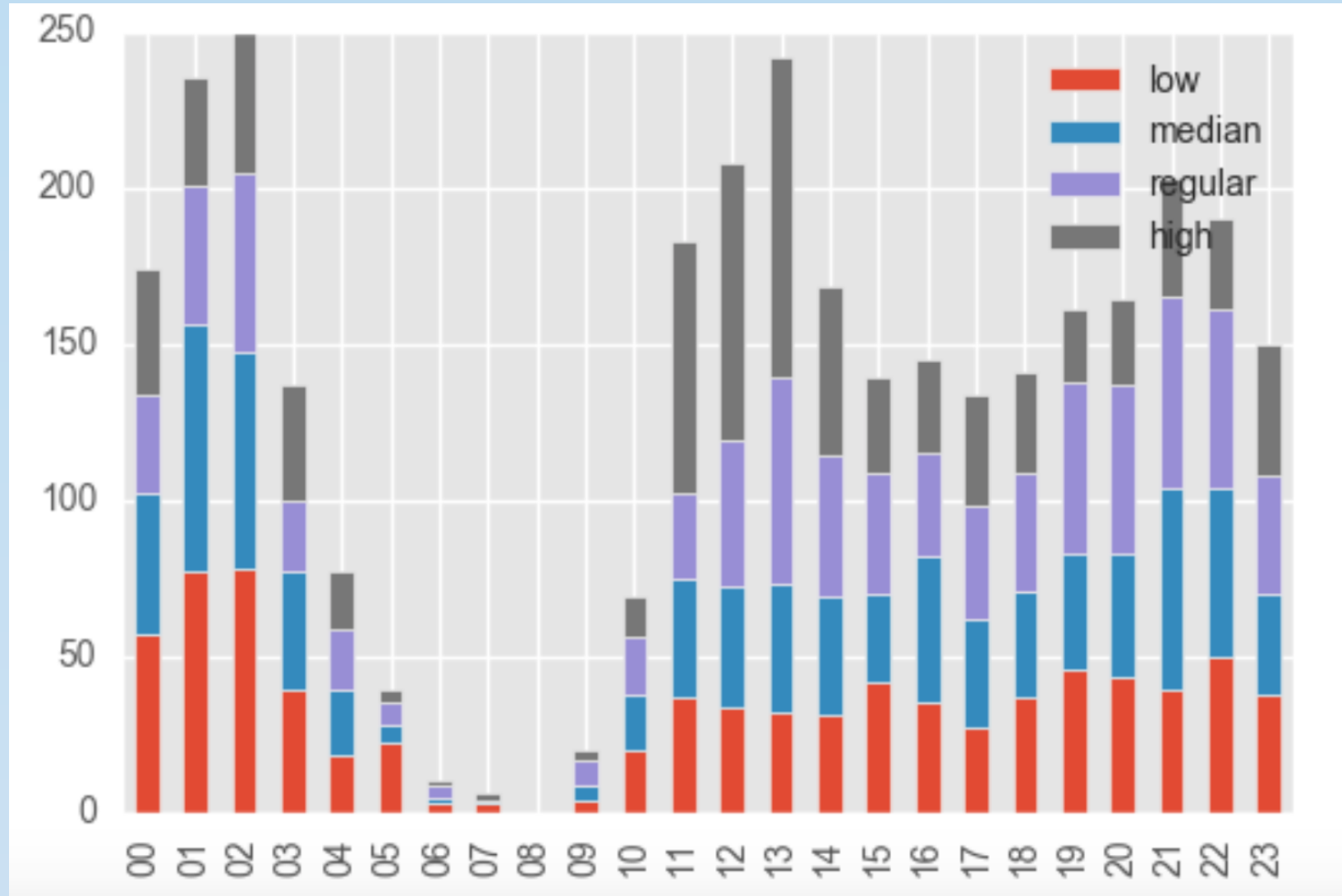
What Description



twitter

What

Description



twitter

What

Sentiment analysis

Assumption:

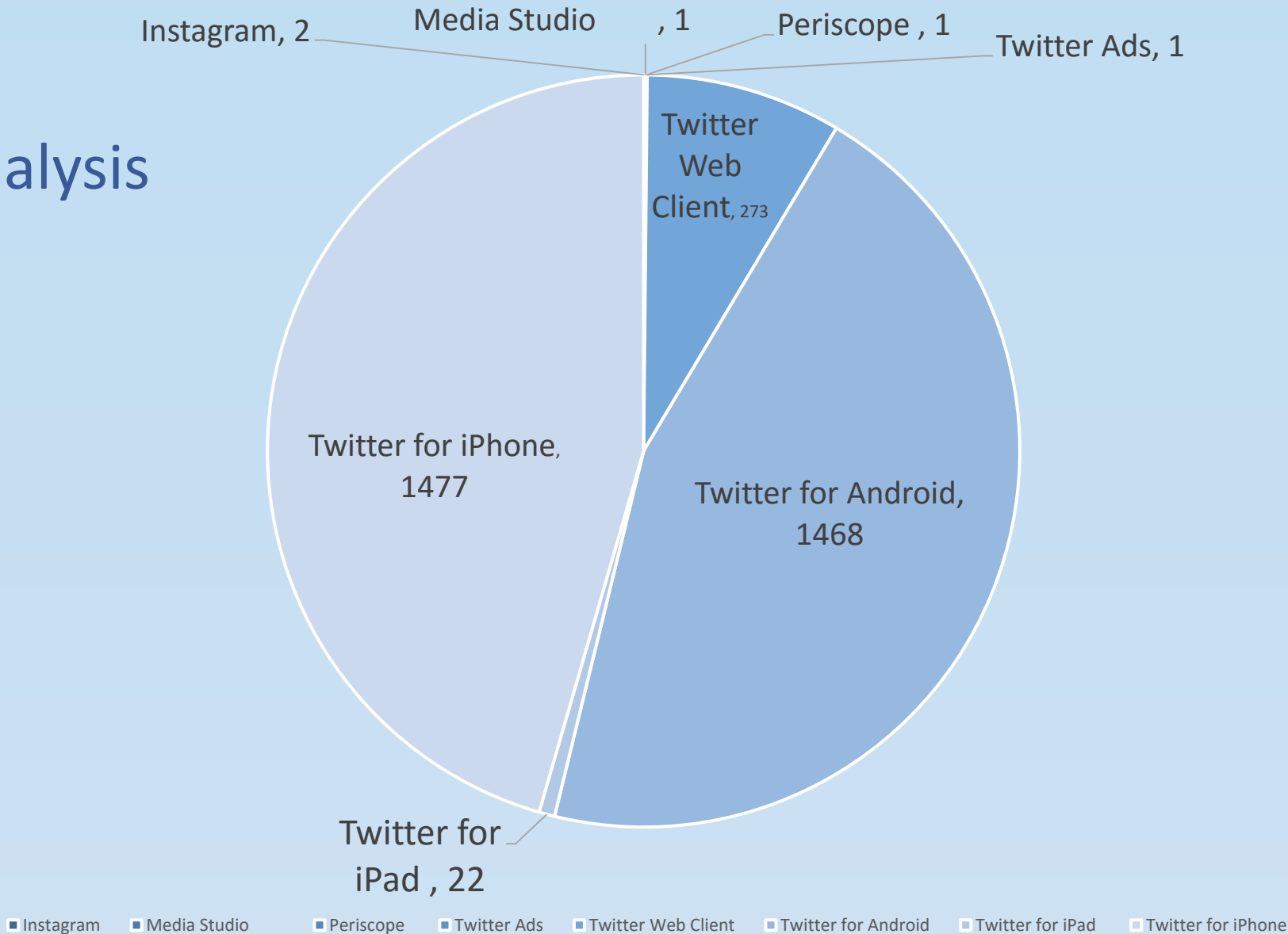
- Every non-hyperbolic tweet is from iPhone
- Every hyperbolic tweet is from Android

<http://varianceexplained.org/r/trump-tweets/?winzoom=1>



What

Sentiment analysis



What

Sentiment analysis

Source	Twitter for Android	Twitter for iPhone
Positive	864	1090
Negative	604	387

Chi-square Test: statistic=381.56162988115454, pvalue=2.1817299277856834e-82



Future topics

- More details about emotional words
- For some specific period, analysis negative and positive words
- Training a classifier of topics
- Try to cluster
- Relation between number of favorite & retweet and topics
- ...