



Text Mining Project: Presentation 2

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Overview



1 Overview of Data

2 Analysis

Hashtags



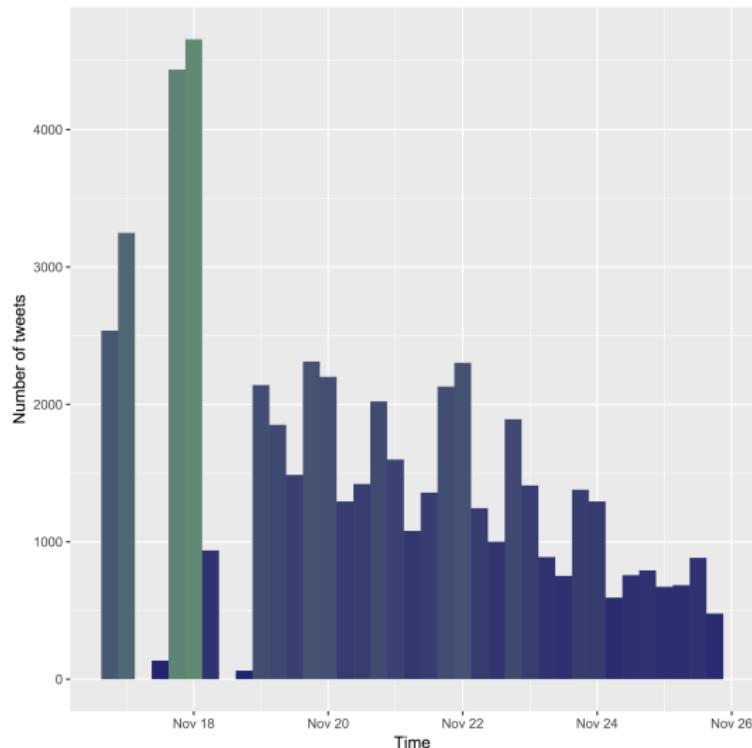
- #Election2016: 50,000 tweets
- #NotMyPresident: 150,000 tweets
- #ElectionNight: 50,000 tweets
- #ElectionFinalThoughts: 1,500 tweets

Preprocessing

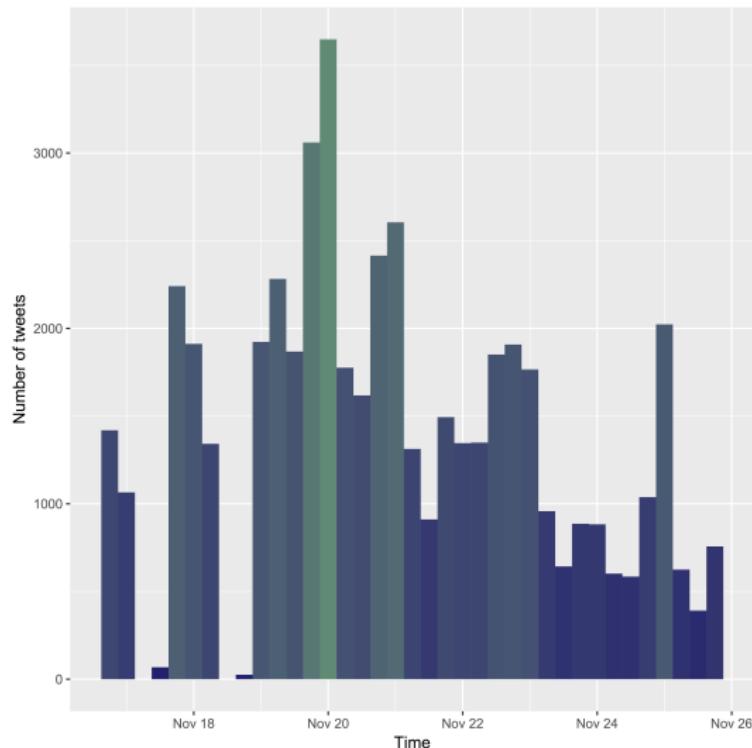


- Used node.js for most preprocessing.
- Got rid of most of the data given by Twitter.
- Kept: timestamp, emoji, hashtags, text, retweet, biography, and location.

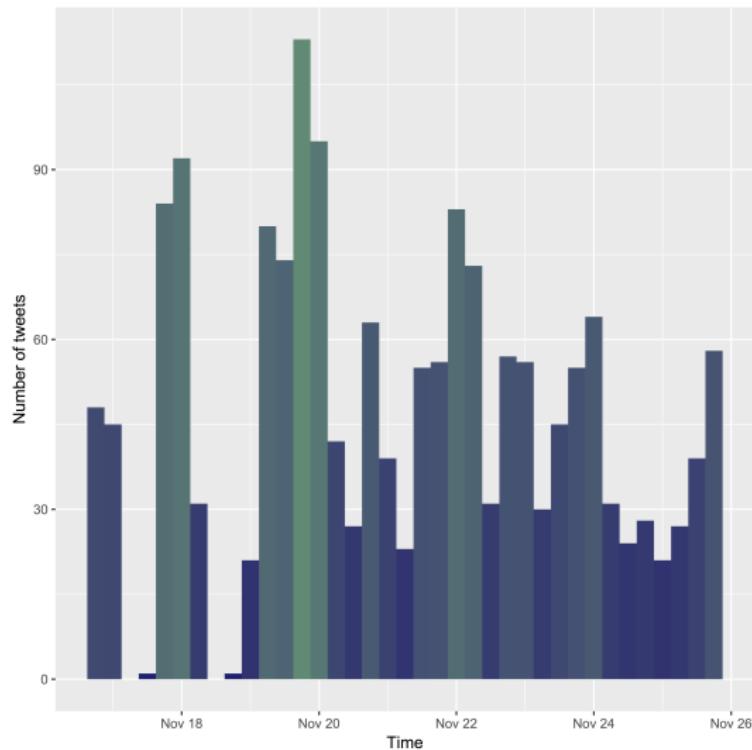
Number of Tweets Over Time (Election2016)



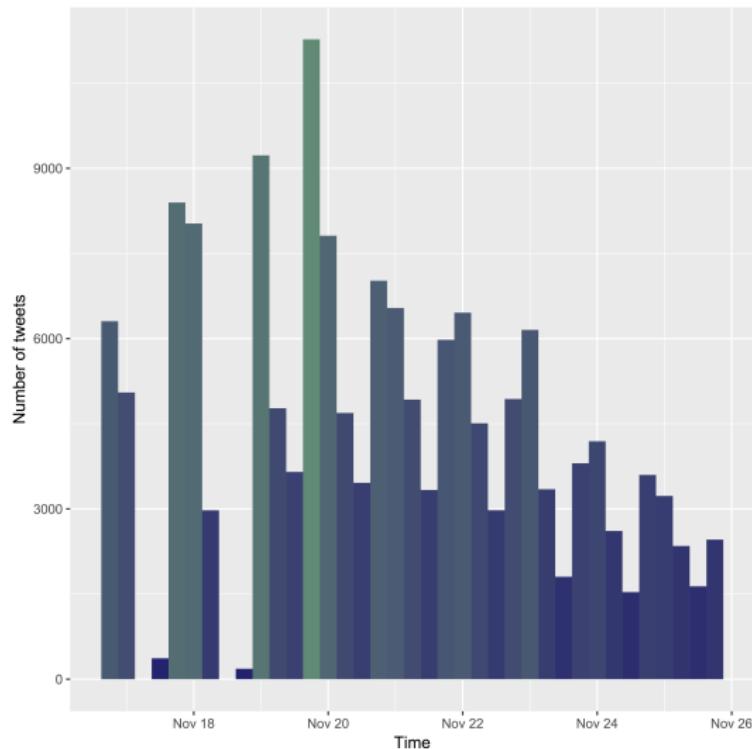
Number of Tweets Over Time (ElectionNight)



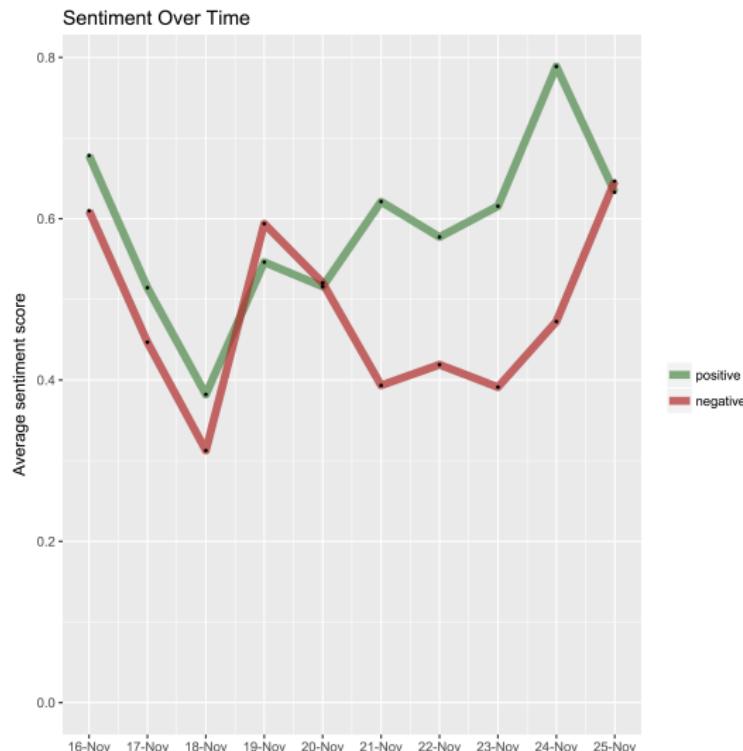
Number of Tweets Over Time (ElectionFinalThoughts)



Number of Tweets Over Time (NotMyPresident)



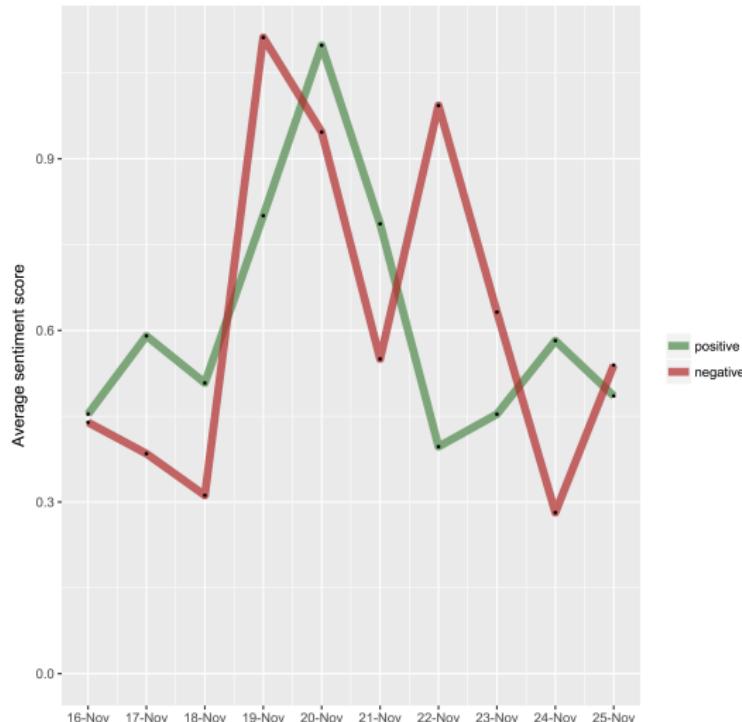
Sentiments Over Time (Election2016)



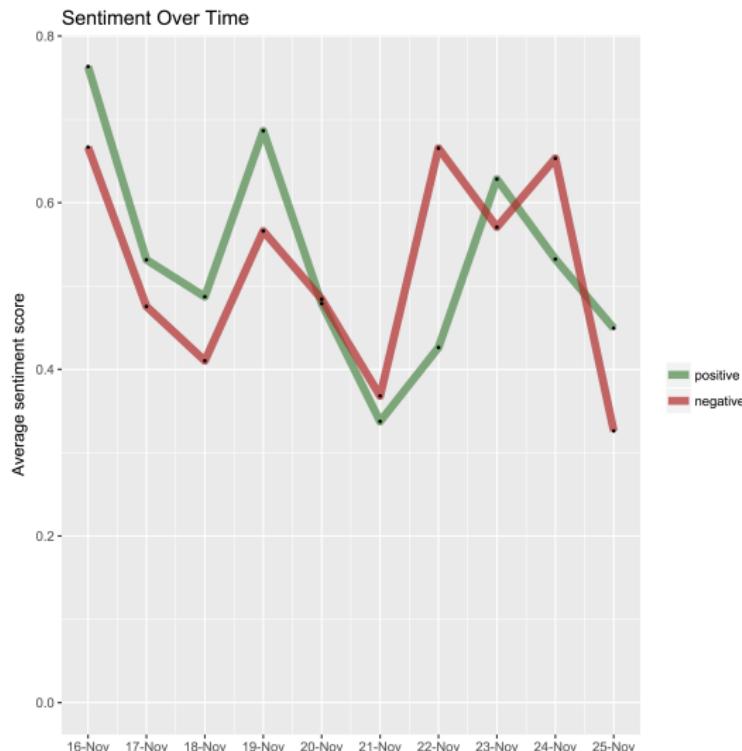
Sentiments Over Time (ElectionNight)



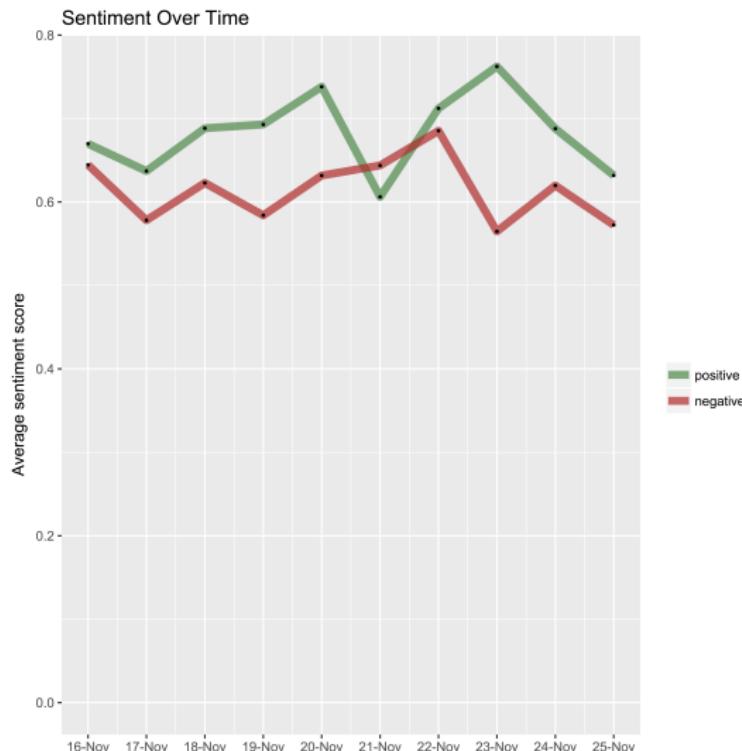
Sentiment Over Time



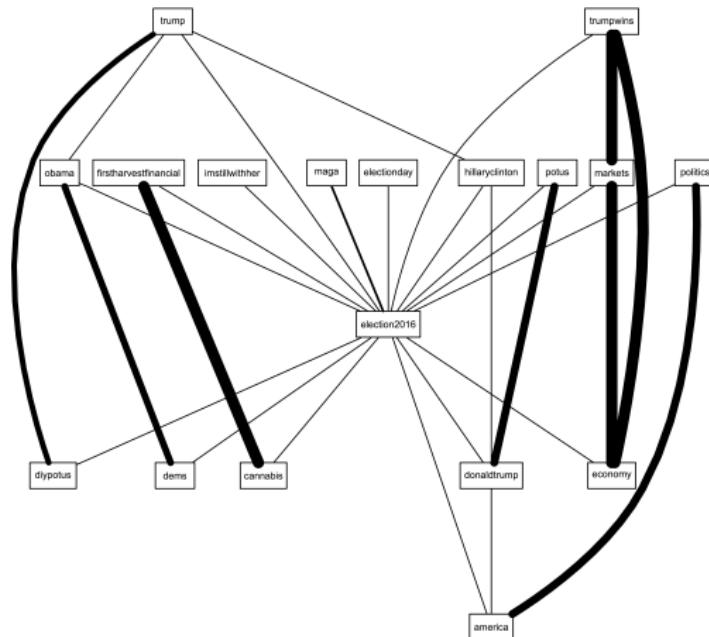
Sentiments Over Time (ElectionFinalThoughts)



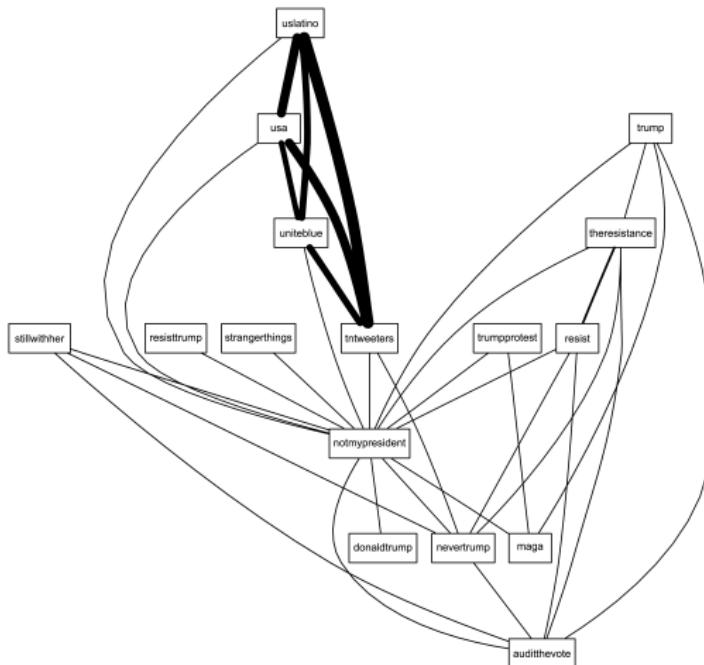
Sentiments Over Time (NotMyPresident)



Map of Hashtags (Election2016)

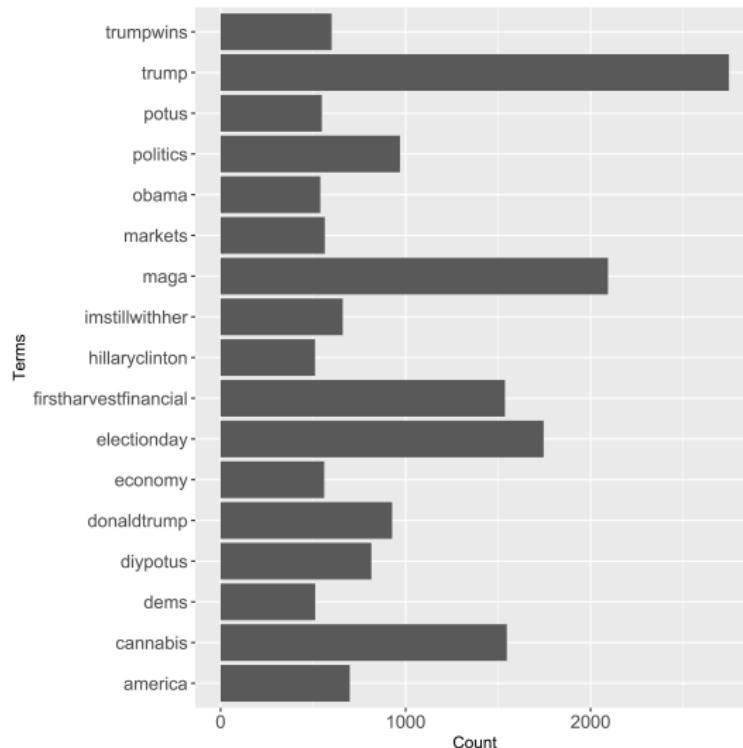


Map of Hashtags (NotMyPresident)



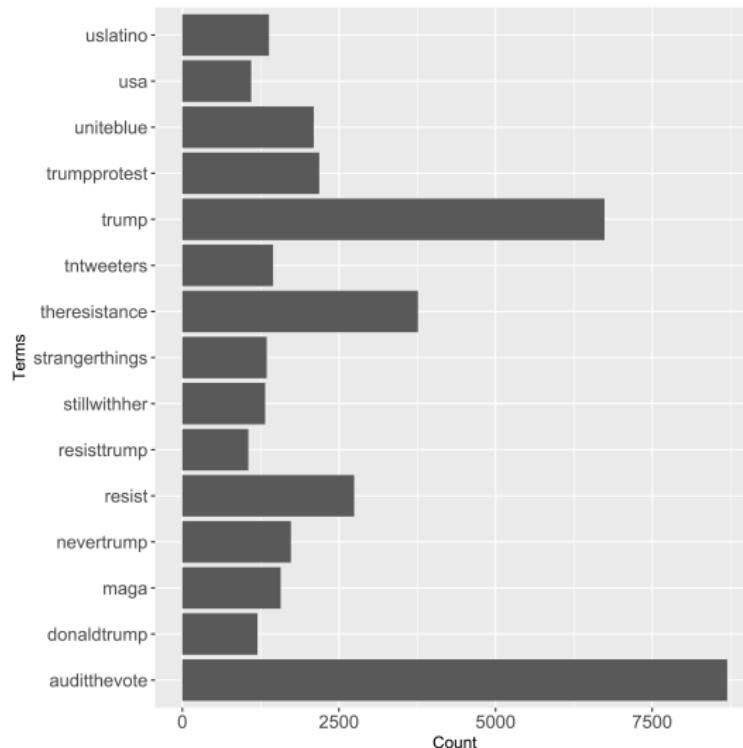


Frequency of Hashtags (Election2016)



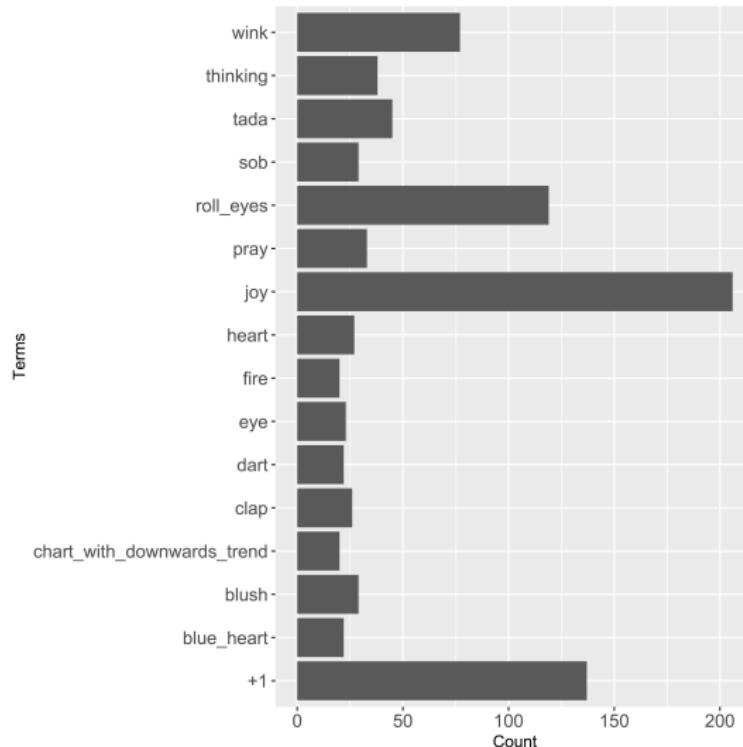


Frequency of Hashtags (NotMyPresident)





Frequency of Emoji (Election2016)



Frequency of Emoji (NotMyPresident)

