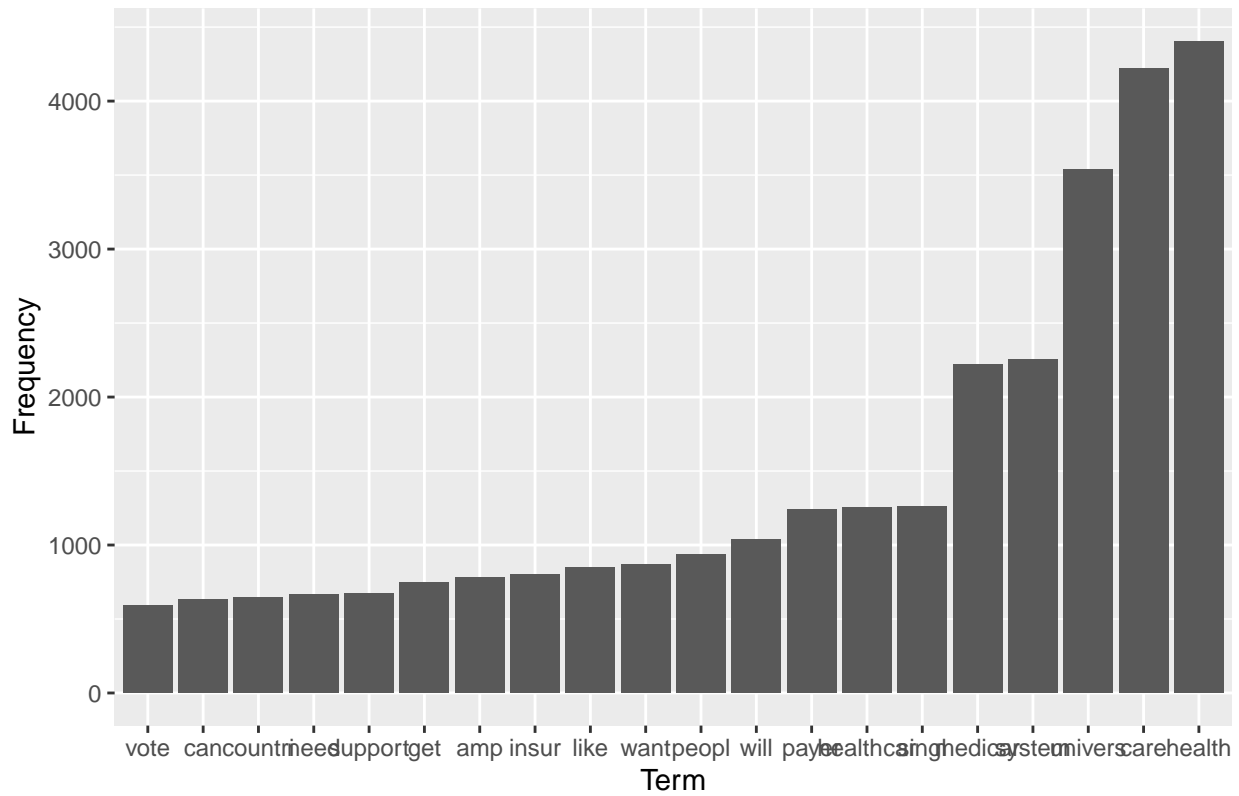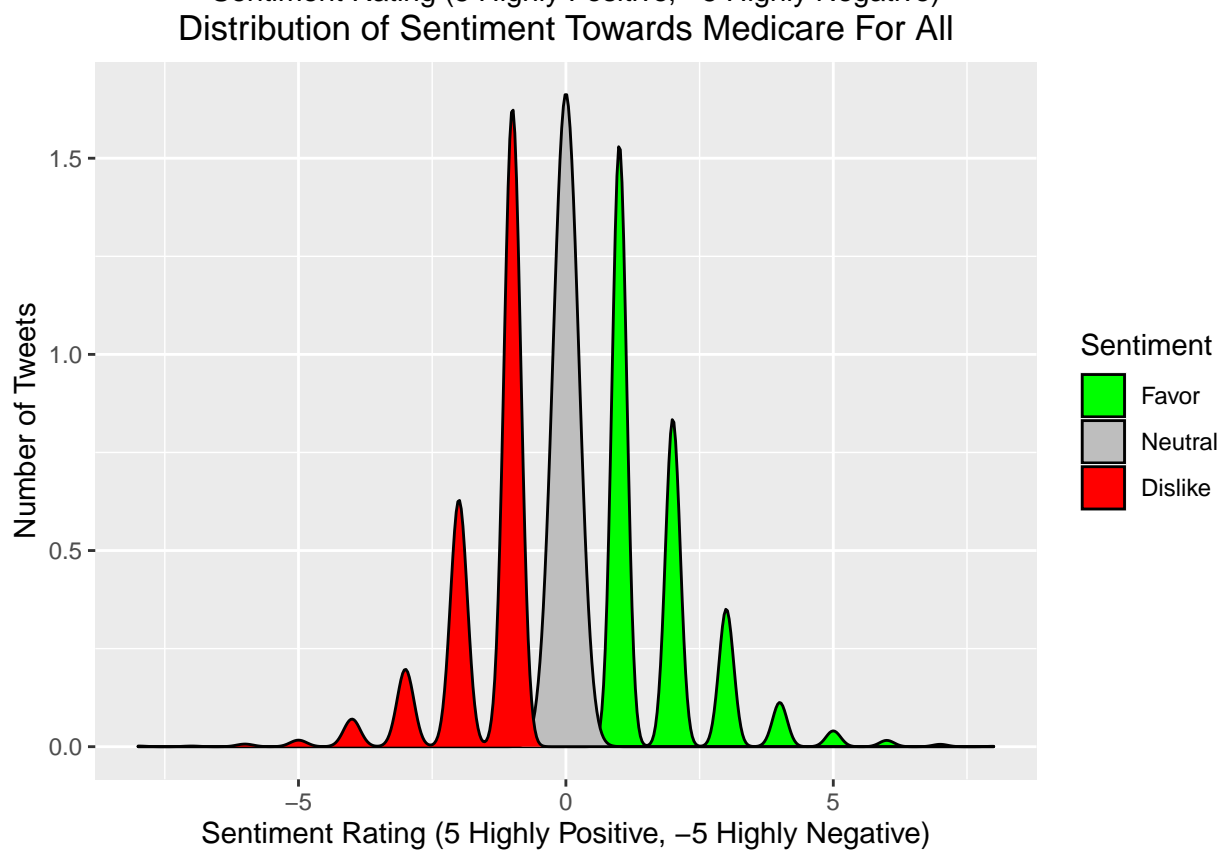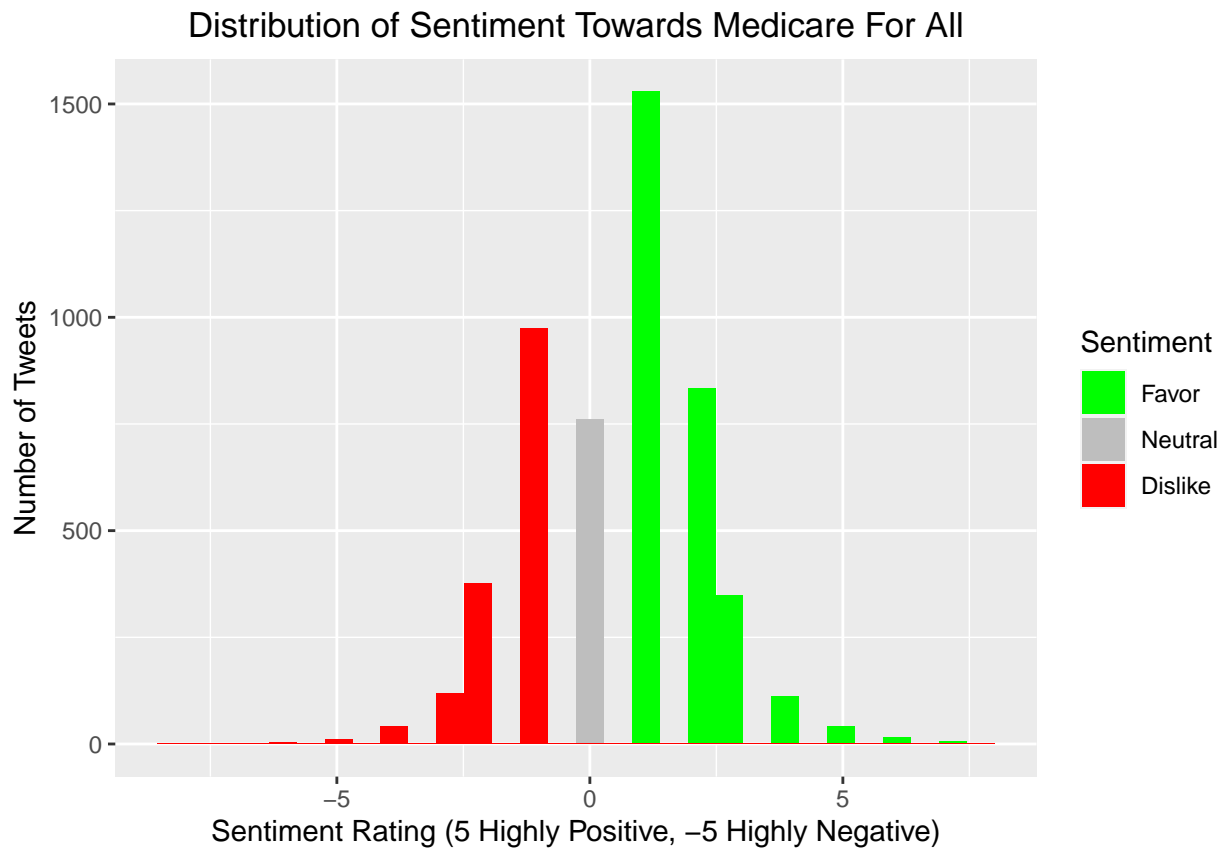# M4A_Project

Ross Pingatore

10/30/2020

```
## Loading required package: NLP

##
## Attaching package: 'NLP'

## The following object is masked from 'package:ggplot2':
##
##     annotate

## Warning in tm_map.SimpleCorpus(corpus, removePunctuation): transformation drops
## documents

## Warning in tm_map.SimpleCorpus(corpus, removeNumbers): transformation drops
## documents

## Warning in tm_map.SimpleCorpus(corpus, tolower): transformation drops documents

## Warning in tm_map.SimpleCorpus(corpus, removeWords, stopwords("english")):
## transformation drops documents

## Warning in tm_map.SimpleCorpus(corpus, stripWhitespace): transformation drops
## documents

## Warning in tm_map.SimpleCorpus(corpus, stemDocument): transformation drops
## documents

##                  word freq
## health         health 4406
## care             care 4219
## univers       univers 3536
## system         system 2256
## medicar       medicar 2223
## singl           singl 1259
## healthcar   healthcar 1253
## payer           payer 1243
## will             will 1034
## peopl           peopl  934
## want             want  867
## like             like  845
## insur           insur  800
## amp               amp  778
## get               get  748
## support       support  675
## need             need  667
## countri       countri  646
## can               can  632
## vote             vote  594
```

Most Frequent Terms Within Tweets Relating to Medicare For All


```
## $health
## univers
##    0.67
##
## $care
## univers
##    0.66
##
## $system
##    payer      singl singlepay healthcar
##     0.59      0.59      0.38      0.29
##
## $biden
## joe
## 0.3
##
## $trump
## despair  stake"
##    0.51    0.36
```

Distribution of Sentiment Towards Medicare For All

```
##     Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -8.0000 -1.0000  1.0000  0.5212  2.0000  8.0000

## [1] 5171     6

## <<SimpleCorpus>>
## Metadata:  corpus specific: 1, document level (indexed): 0
## Content:  documents: 6902
```