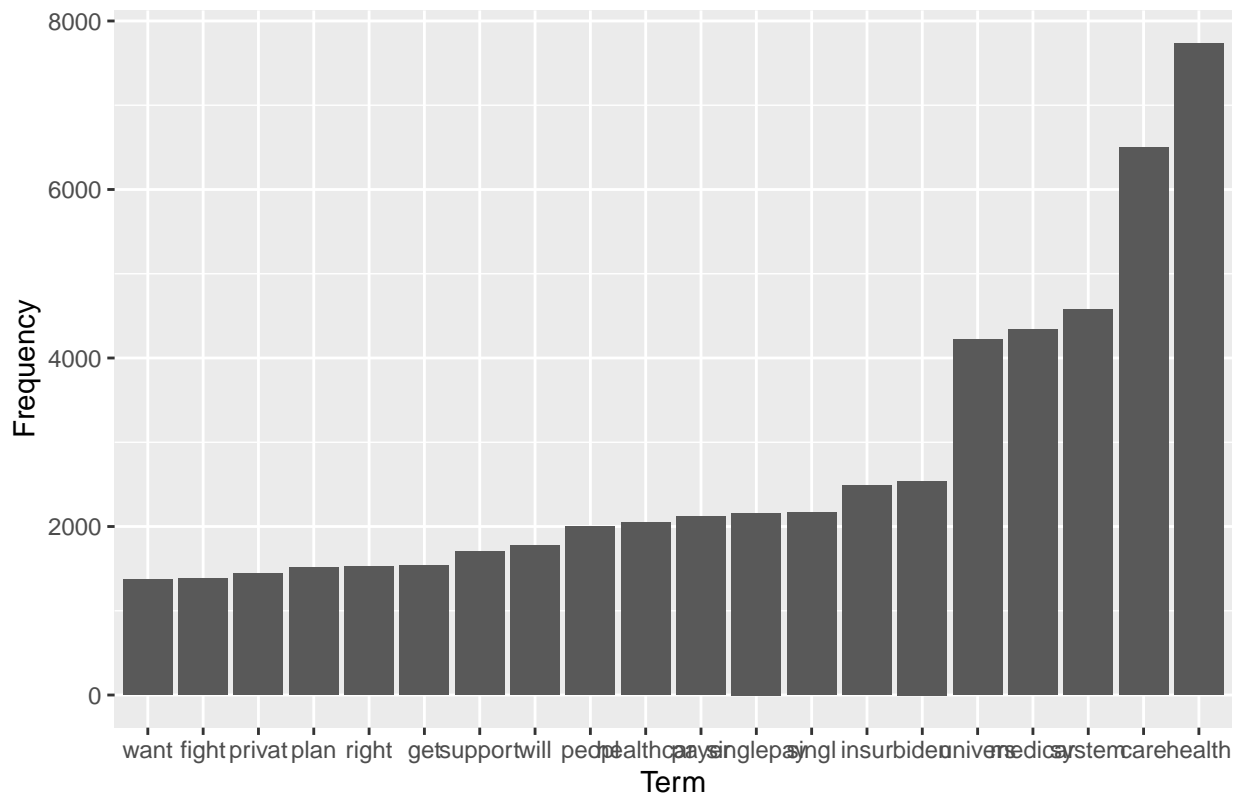# M4A_Project

Ross Pingatore

10/30/2020

```r
unique(merged_data$Language)
```

```
## 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 7738
## care            care 6495
## system        system 4576
## medicar      medicar 4335
## univers      univers 4215
## biden          biden 2540
## insur          insur 2482
## singl          singl 2163
## singlepay  singlepay 2160
## payer          payer 2118
## healthcar  healthcar 2050
## peopl          peopl 1995
## will            will 1779
## support      support 1707
## get              get 1541
## right          right 1523
## plan            plan 1512
## privat        privat 1444
```
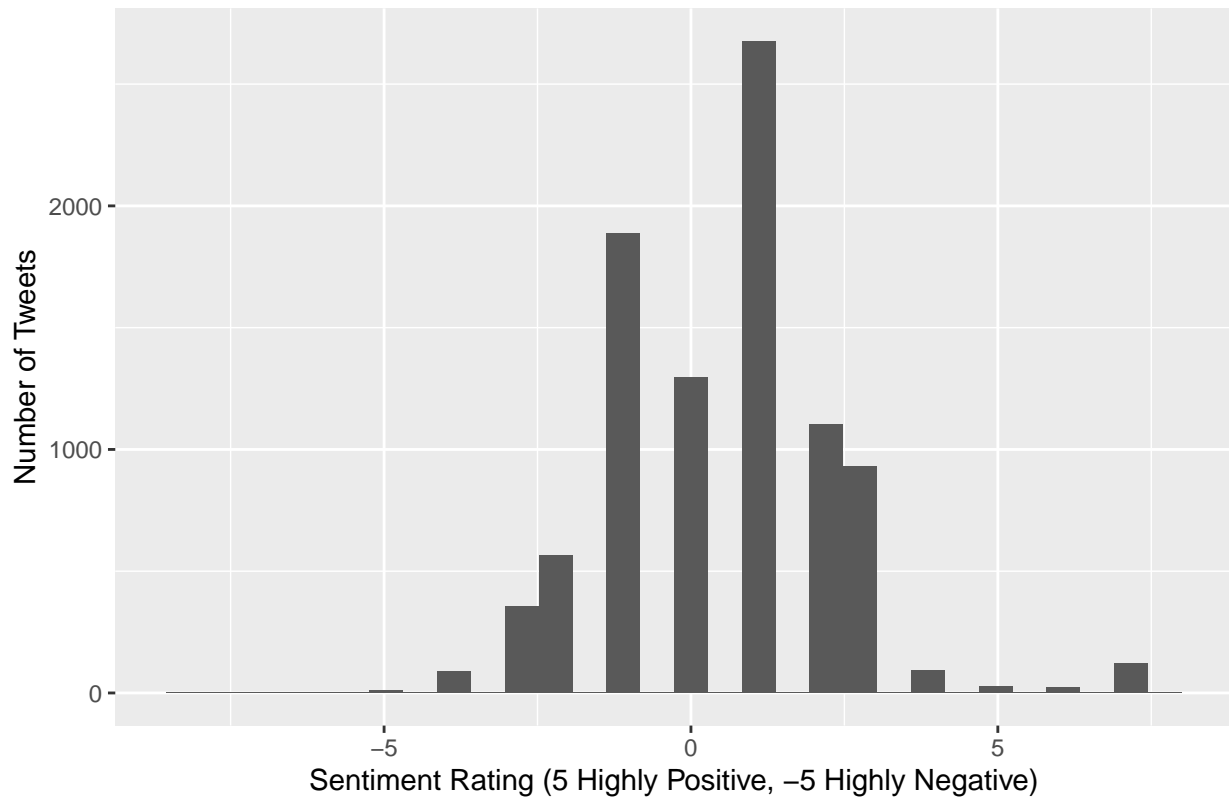
```
## fight           fight 1378
## want             want 1368
```

Most Frequent Terms Within Tweets Relating to Medicare For All


```
## $health
##           univers            privat              plan             insur
##              0.43              0.38              0.34              0.34
##             biden      trumpwarroom            scheme              path
##              0.34              0.33              0.33              0.32
##             ultim     governmentrun         socialist   factcheckdotorg
##              0.32              0.30              0.29              0.26
## httpstcomhntbiylxk         singlepay             fals
##              0.26              0.25              0.25
##
## $care
## univers
##    0.55
##
## $system
##     payer      singl singlepay     privat      insur
##      0.53       0.53      0.42       0.30       0.26
```
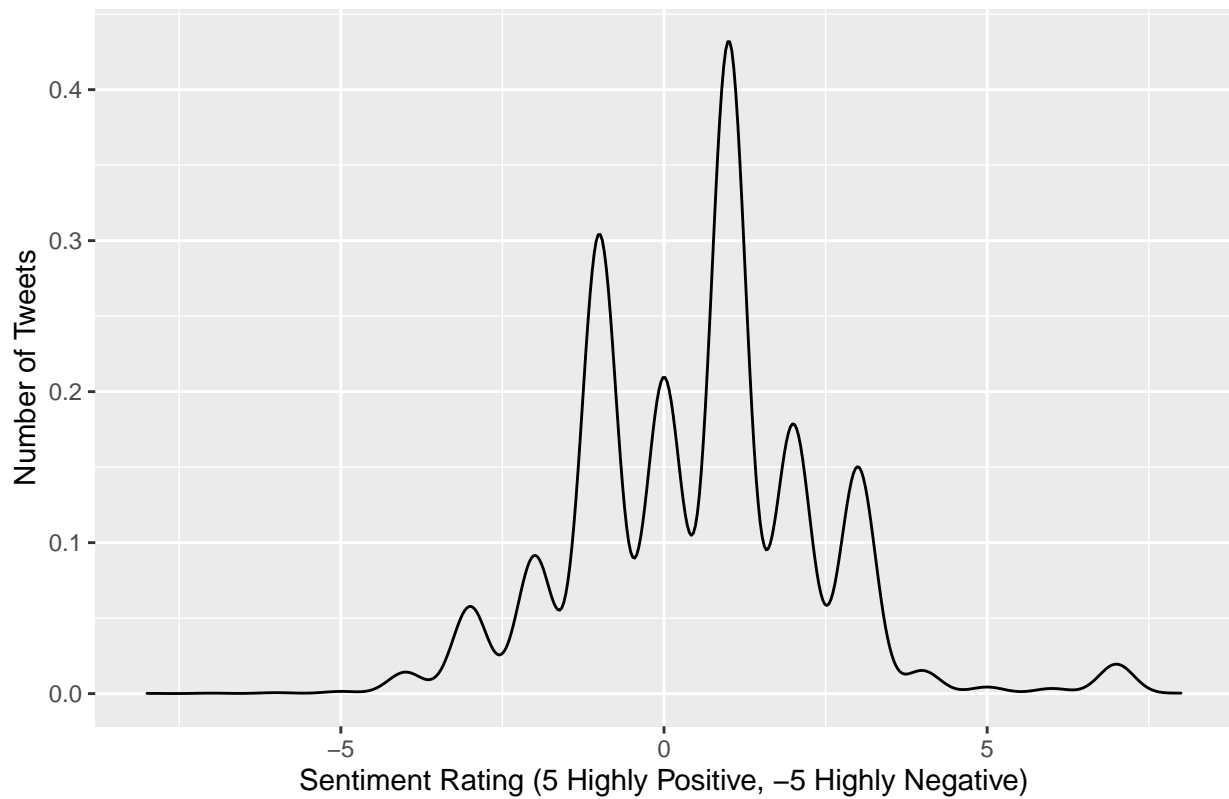
Distribution of Sentiment Towards Medicare For All

Distribution of Sentiment Towards Medicare For All

```
##     Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -8.0000 -1.0000  1.0000  0.5058  2.0000  8.0000
```