

# Milestone Report

LJW

21/20/2020

This document highlights the initial exploration steps in dealing with the Swiftkey

```
# Load Libraries
library(stringi)
library(tm)
```

```
## Loading required package: NLP
```

```
library(NLP)

library(rJava)
```

```
## Warning: package 'rJava' was built under R version 3.6.3
```

```
library(RWeka)
```

```
## Warning: package 'RWeka' was built under R version 3.6.3
```

```
library(ggplot2)
```

```
## Warning: package 'ggplot2' was built under R version 3.6.3
```

```
##
## Attaching package: 'ggplot2'
```

```
## The following object is masked from 'package:NLP':
##
##      annotate
```

```
library("wordcloud")
```

```
## Warning: package 'wordcloud' was built under R version 3.6.3
```

```
## Loading required package: RColorBrewer
```

## Load data

```
dataBaseFilePath <- getwd()
```

```
enUSBaseFilePath <- paste0( dataBaseFilePath, "/en_US/" )
enUSBlogsFilename <- "en_US.blogs.txt"
enUSBlogsFilepath <- paste0( enUSBaseFilePath, enUSBlogsFilename )
enUSNewsFilename <- "en_US.news.txt"
enUSNewsFilepath <- paste0( enUSBaseFilePath, enUSNewsFilename )
enUSTwitterFilename <- "en_US.twitter.txt"
enUSTwitterFilepath <- paste0( enUSBaseFilePath, enUSTwitterFilename )

#Read data from files
d Blogs <- readLines( enUSBlogsFilepath, warn=FALSE, encoding = "UTF-8", skipNul = TRUE )
d News <- readLines( enUSNewsFilepath, warn=FALSE, encoding = "UTF-8", skipNul = TRUE )
d Twitter <- readLines( enUSTwitterFilepath, warn=FALSE, encoding = "UTF-8", skipNul = TRUE )
```

## Summarize data

```
# Compute file size in MB
size_blogs<-file.size(enUSBlogsFilepath)/2^20
size_news<-file.size(enUSNewsFilepath)/2^20
size_twitter<-file.size(enUSTwitterFilepath)/2^20

# Counts number of rows
len_blogs<-length(dBlogs)
len_news<-length(dNews)
len_twitter<-length(dTwitter)

# Counts number of characters
nchar_blogs<-sum(nchar(dBlogs))
nchar_news<-sum(nchar(dNews))
nchar_twitter<-sum(nchar(dTwitter))

# Counts number of words
nword_blogs<-stri_stats_latex(dBlogs)[4]
nword_news<-stri_stats_latex(dNews)[4]
nword_twitter<-stri_stats_latex(dTwitter)[4]

table<-data.frame("File Name" = c("Blogs","News","Twitter"),
                  "File Size(MB)" = c(size_blogs,size_news,size_twitter),
                  "Num of rows" = c(len_blogs,len_news,len_twitter),
                  "Num of characters" = c(nchar_blogs,nchar_news,nchar_twitter),
                  "Num of words" = c(nword_blogs,nword_news,nword_twitter))

table
```

```
##   File.Name File.Size.MB. Num.of.rows Num.of.characters Num.of.words
## 1   Blogs      200.4242      899288      206824505      37570839
## 2   News       196.2775      77259      15639408      2651432
## 3  Twitter     159.3641     2360148     162096241     30451170
```

# Clean data

Extract 1% of the whole data as sample data

```
set.seed(999)
dBlogs1<-iconv(dBlogs,"latin1","ASCII",sub="")
dNews1<-iconv(dNews,"latin1","ASCII",sub="")
dTwitter1<-iconv(dTwitter,"latin1","ASCII",sub="")

rm(dBlogs)
rm(dNews)
rm(dTwitter)

# sample data set only 1% of each file
#sample_data<-c(sample(dBlogs1,length(dBlogs1)*0.01),
#               sample(dNews1,length(dNews1)*0.01),
#               sample(dTwitter1,length(dTwitter1)*0.01))

# sample data set only 10% of each file
sample_data<-c(sample(dBlogs1,length(dBlogs1)*0.1),
               sample(dNews1,length(dNews1)*0.1),
               sample(dTwitter1,length(dTwitter1)*0.1))

rm(dBlogs1)
rm(dNews1)
rm(dTwitter1)
```

## Build Corpus

```
corpus<-VCorpus(VectorSource(sample_data))
# Remove punctuation
corpus1<-tm_map(corpus,removePunctuation)
# Remove space
corpus2<-tm_map(corpus1,stripWhitespace)
# Covert all words to lower case
corpus3<-tm_map(corpus2,tolower)
# Remove numbres
corpus4<-tm_map(corpus3,removeNumbers)
# Create PLan Text Doc
corpus5<-tm_map(corpus4,PlainTextDocument)
# Remove Stopwords
corpus6<-tm_map(corpus5,removeWords,stopwords("english"))
corpus_result<-data.frame(text=unlist(sapply(corpus6,'[',"content")),stringsAsFactors = FALSE)

head(corpus_result)
```

```
##
text
## 1
fun workshop possibilities endless brigitta carrying grandmother jane olsons rug hooking bu
siness patterns mcclain swatches supplies etc check green valley rug hooking
## 2
looking forward relaxing weekend last one home next weekend opening beach house going
take full advantage home
## 3
juancho
## 4
treat urgent
## 5
checked wikipedia found word forward code word socialist marxist communist magazines ne
wspapers campaigns
## 6 look word often used corinthians like prescription filled says take medicine
water food often take take go directions see often doctor wants take pills
believe applies verse go directions given holy spirit often eat bread drink cup
```

```
rm(corpus)
rm(corpus1)
rm(corpus2)
rm(corpus3)
rm(corpus4)
rm(corpus5)
```

Build corpus, and check it making data frame.

## Build N-gram

Extract the word and frequency of N-grams.

```

one <- function(x) NGramTokenizer(x,Weka_control(min=1,max=1))
two <- function(x) NGramTokenizer(x,Weka_control(min=2,max=2))
thr <- function(x) NGramTokenizer(x,Weka_control(min=3,max=3))
fou <- function(x) NGramTokenizer(x,Weka_control(min=4,max=4))

one_table <- TermDocumentMatrix(corpus6,control=list(tokenize=one))
two_table <- TermDocumentMatrix(corpus6,control=list(tokenize=two))
thr_table <- TermDocumentMatrix(corpus6,control=list(tokenize=thr))
fou_table <- TermDocumentMatrix(corpus6,control=list(tokenize=fou))

one_corpus <- findFreqTerms(one_table,lowfreq=1000)
two_corpus <- findFreqTerms(two_table,lowfreq=80)
thr_corpus <- findFreqTerms(thr_table,lowfreq=10)
fou_corpus <- findFreqTerms(fou_table,lowfreq=10)

one_corpus_num <- rowSums(as.matrix(one_table[one_corpus,]))
one_corpus_table <- data.frame(word=names(one_corpus_num),frequency=one_corpus_num)
one_corpus_sort <- one_corpus_table[order(-one_corpus_table$frequency),]

two_corpus_num <- rowSums(as.matrix(two_table[two_corpus,]))
two_corpus_table <- data.frame(word=names(two_corpus_num),frequency=two_corpus_num)
two_corpus_sort <- two_corpus_table[order(-two_corpus_table$frequency),]

thr_corpus_num <- rowSums(as.matrix(thr_table[thr_corpus,]))
thr_corpus_table <- data.frame(word=names(thr_corpus_num),frequency=thr_corpus_num)
thr_corpus_sort <- thr_corpus_table[order(-thr_corpus_table$frequency),]

fou_corpus_num <- rowSums(as.matrix(fou_table[fou_corpus,]))
fou_corpus_table <- data.frame(word=names(fou_corpus_num),frequency=fou_corpus_num)
fou_corpus_sort <- fou_corpus_table[order(-fou_corpus_table$frequency),]

#head(one_corpus_sort)
#head(two_corpus_sort)
#head(thr_corpus_sort)
#head(fou_corpus_sort)

one_corpus_sort$word <- as.character(one_corpus_sort$word)
write.csv(one_corpus_sort[one_corpus_sort$freq > 1,],"one_corpus_sort.csv",row.names=F)
one_corpus <- read.csv("one_corpus_sort.csv",stringsAsFactors = F)
saveRDS(one_corpus, file = "one_corpus.RData")

two_corpus_sort$word <- as.character(two_corpus_sort$word)
str2 <- strsplit(two_corpus_sort$word,split=" ")
two_corpus <- transform(two_corpus_sort,
                        one = sapply(str2,"[",1),
                        two = sapply(str2,"[",2))
two_corpus <- data.frame(word1 = two_corpus$one,
                        word2 = two_corpus$two,
                        freq = two_corpus$freq,

```

```

stringsAsFactors=FALSE)

## saving files
write.csv(two_corpus[two_corpus$freq > 1,],"two_corpus.csv",row.names=F)
two_corpus <- read.csv("two_corpus.csv",stringsAsFactors = F)
saveRDS(two_corpus,"two_corpus.RData")

thr_corpus_sort$word <- as.character(thr_corpus_sort$word)
str3 <- strsplit(thr_corpus_sort$word,split=" ")
thr_corpus <- transform(thr_corpus_sort,
                        one = sapply(str3,"[",1),
                        two = sapply(str3,"[",2),
                        three = sapply(str3,"[",3))
thr_corpus <- data.frame(word1 = thr_corpus$one,
                        word2 = thr_corpus$two,
                        word3 = thr_corpus$three,
                        freq = thr_corpus$freq,
                        stringsAsFactors=FALSE)

# saving files
write.csv(thr_corpus[thr_corpus$freq > 1,],"thr_corpus.csv",row.names=F)
thr_corpus <- read.csv("thr_corpus.csv",stringsAsFactors = F)
saveRDS(thr_corpus,"thr_corpus.RData")

fou_corpus_sort$word <- as.character(fou_corpus_sort$word)
str4 <- strsplit(fou_corpus_sort$word,split=" ")
fou_corpus <- transform(fou_corpus_sort,
                        one = sapply(str4,"[",1),
                        two = sapply(str4,"[",2),
                        three = sapply(str4,"[",3),
                        four = sapply(str4,"[",4))

# quadgram$words <- NULL
fou_corpus <- data.frame(word1 = fou_corpus$one,
                        word2 = fou_corpus$two,
                        word3 = fou_corpus$three,
                        word4 = fou_corpus$four,
                        freq = fou_corpus$freq,
                        stringsAsFactors=FALSE)

# saving files
write.csv(fou_corpus[fou_corpus$freq > 1,],"fou_corpus.csv",row.names=F)
fou_corpus <- read.csv("fou_corpus.csv",stringsAsFactors = F)
saveRDS(fou_corpus,"fou_corpus.RData")

```

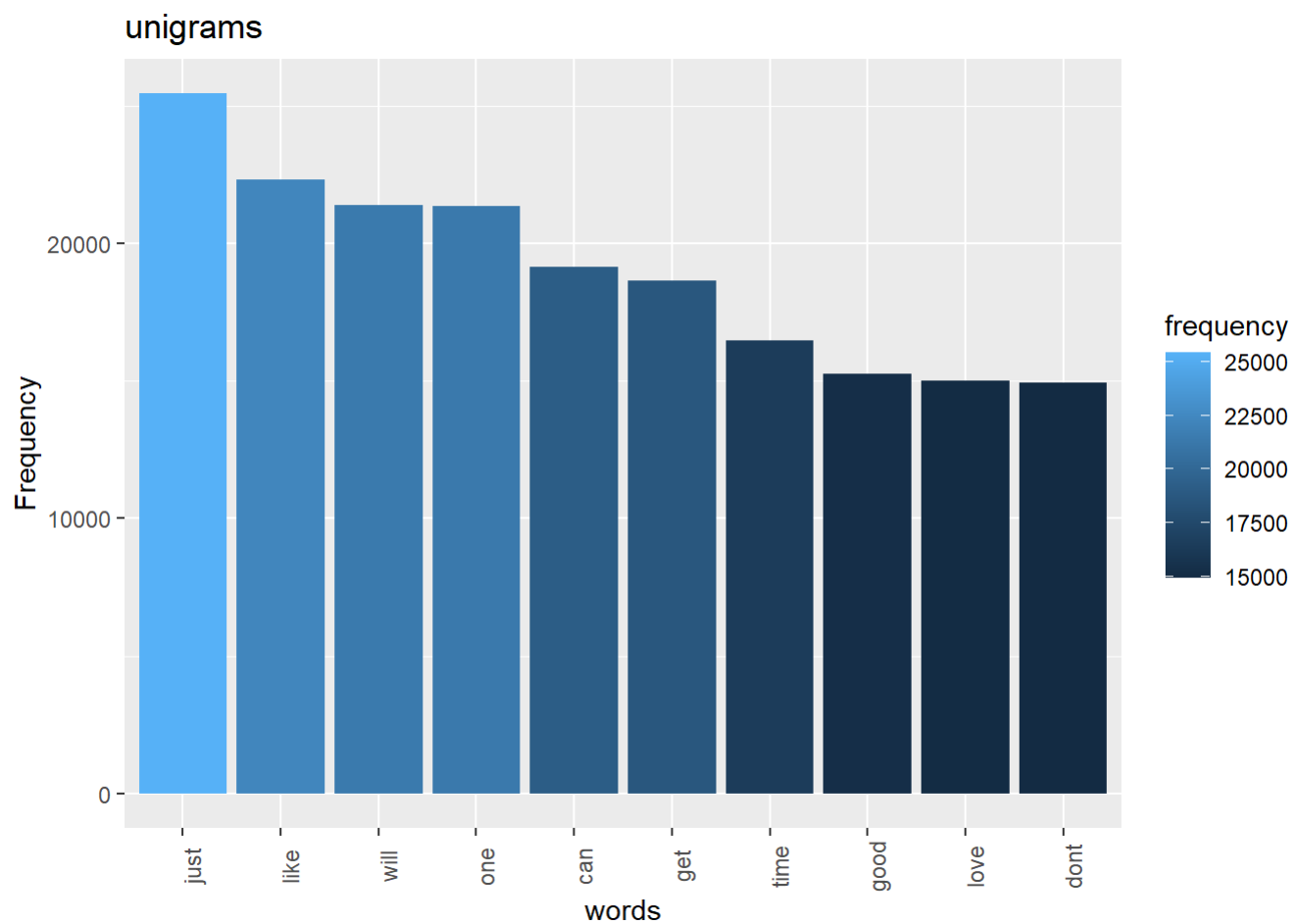
## Plot graph

Plot the graphs of each N-gram words to view the top 10 words of the unigrams, bigrams and trigrams.

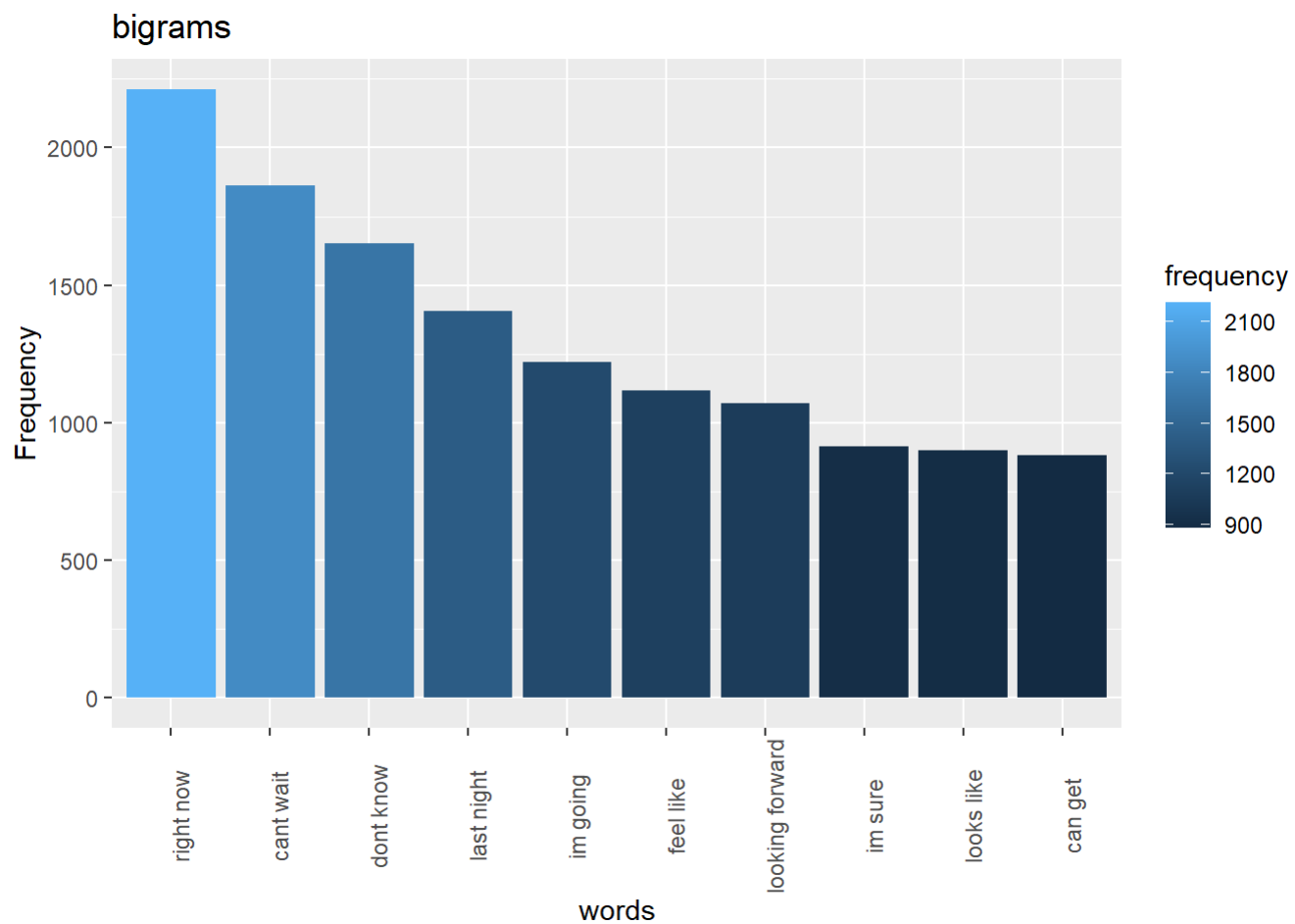
```

one_g<-ggplot(one_corpus_sort[1:10,],aes(x=reorder(word,-frequency),y=frequency,fill=frequency))
one_g<-one_g+geom_bar(stat="identity")
one_g<-one_g+labs(title="unigrams",x="words",y="Frequency")
one_g<-one_g+theme(axis.text.x=element_text(angle=90))
one_g

```

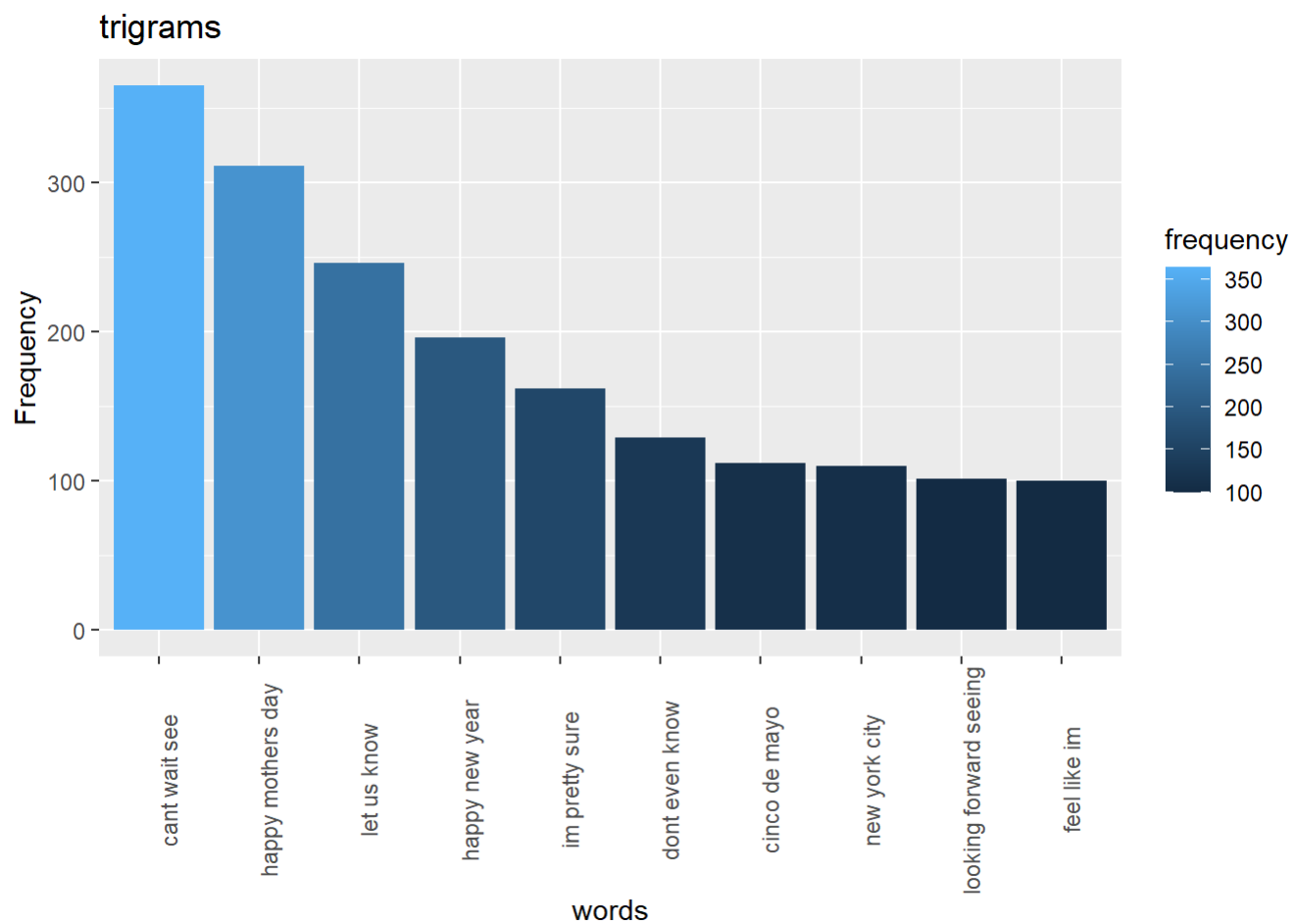


```
two_g<-ggplot(two_corpus_sort[1:10,],aes(x=reorder(word,-frequency),y=frequency,fill=frequency))
two_g<-two_g+geom_bar(stat="identity")
two_g<-two_g+labs(title="bigrams",x="words",y="Frequency")
two_g<-two_g+theme(axis.text.x=element_text(angle=90))
two_g
```

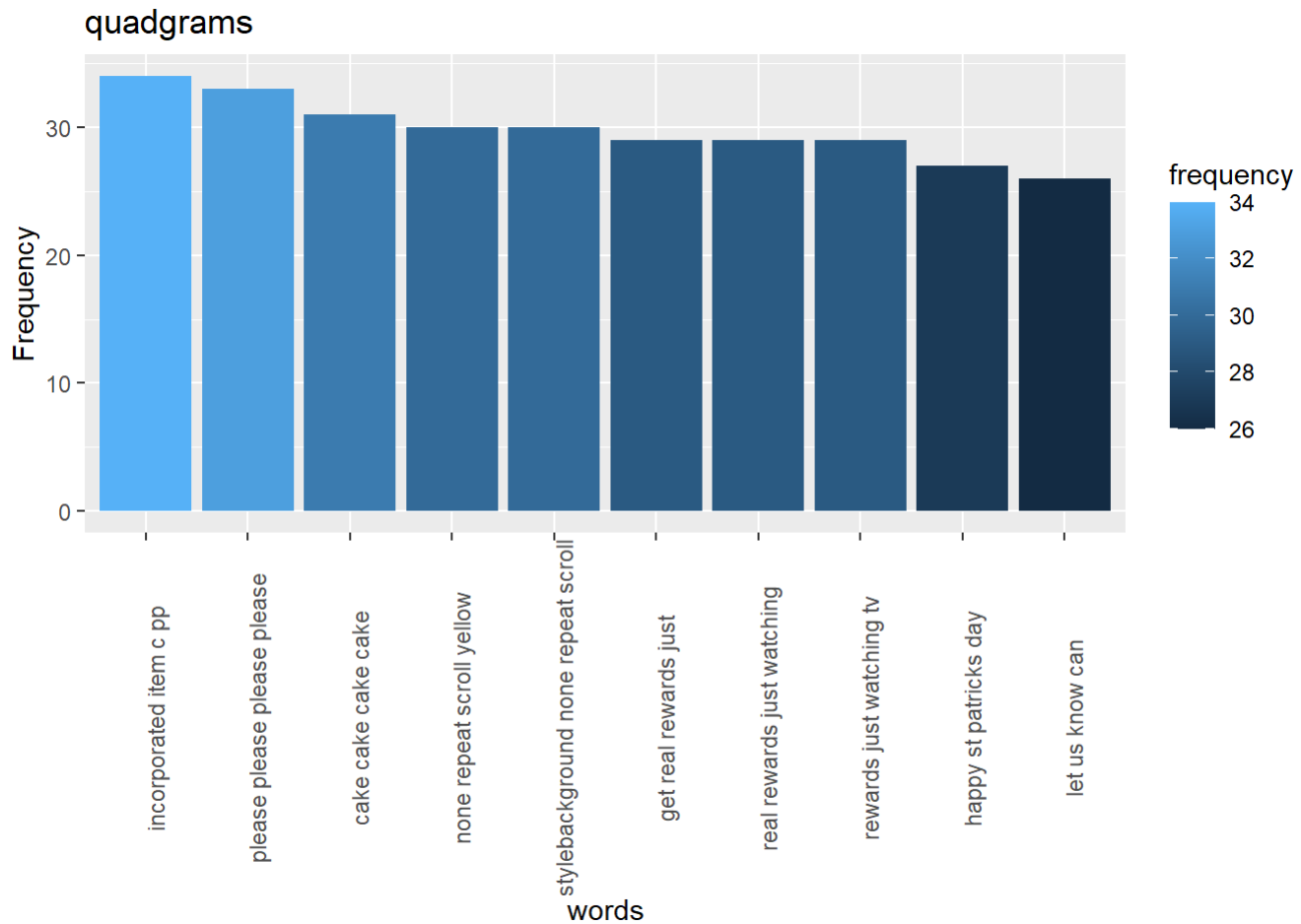


```
thr_g<-ggplot(thr_corpus_sort[1:10,],aes(x=reorder(word,-frequency),y=frequency,fill=frequency))
thr_g<-thr_g+geom_bar(stat="identity")
thr_g<-thr_g+labs(title="trigrams",x="words",y="Frequency")
thr_g<-thr_g+theme(axis.text.x=element_text(angle=90))
thr_g
```





```
fou_g<-ggplot(fou_corpus_sort[1:10,],aes(x=reorder(word,-frequency),y=frequency,fill=frequency))  
fou_g<-fou_g+geom_bar(stat="identity")  
fou_g<-fou_g+labs(title="quadgrams",x="words",y="Frequency")  
fou_g<-fou_g+theme(axis.text.x=element_text(angle=90))  
fou_g
```



```
set.seed(1234)
wordcloud(words = one_corpus_sort$word, freq = one_corpus_sort$frequency, min.freq = 1,
          max.words=200, random.order=FALSE, rot.per=0.35,
          colors=brewer.pal(8, "Dark2"))
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =
## one_corpus_sort$frequency, : awesome could not be fit on page. It will not
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =
## one_corpus_sort$frequency, : nothing could not be fit on page. It will not
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =
## one_corpus_sort$frequency, : everything could not be fit on page. It will
## not be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =
## one_corpus_sort$frequency, : times could not be fit on page. It will not be
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : story could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : trying could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : food could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : amazing could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : working could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : anything could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : guys could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : post could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : anyone could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : name could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : person could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : three could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : watching could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : different could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : ready could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : friend could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : set could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : course could not be fit on page. It will not  
## be plotted.
```

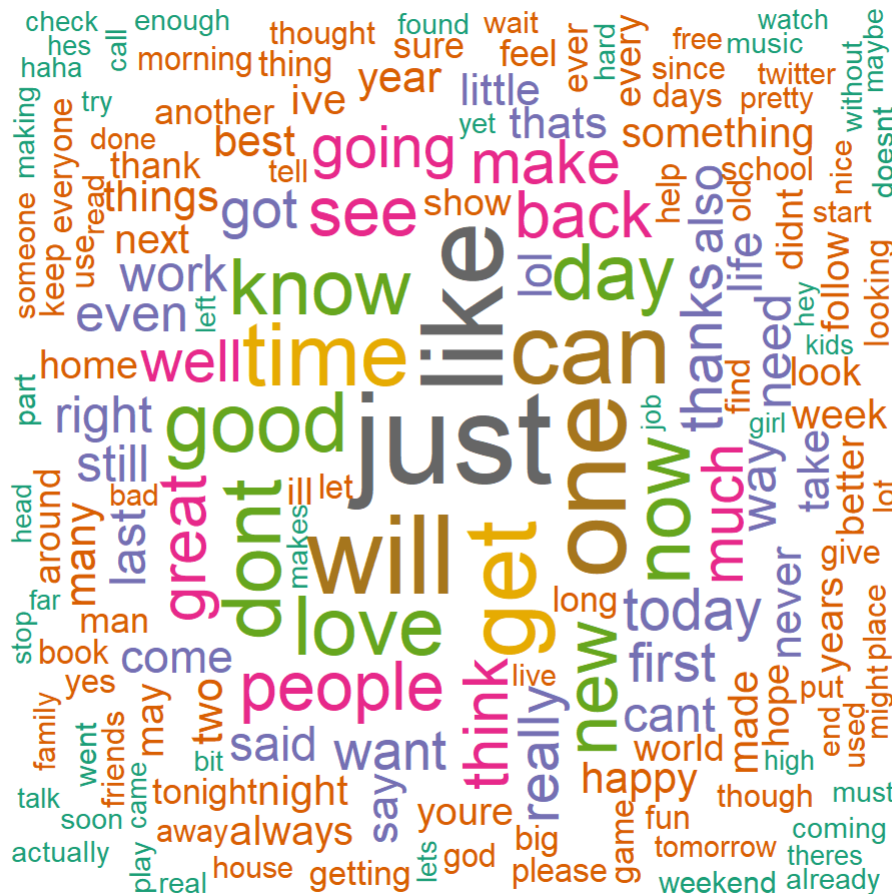
```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : miss could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : yeah could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : team could not be fit on page. It will not be  
## plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =  
## one_corpus_sort$frequency, : together could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = one_corpus_sort$word, freq =
## one_corpus_sort$frequency, : blog could not be fit on page. It will not be
## plotted.
```



```
wordcloud(words = two_corpus_sort$word, freq = two_corpus_sort$frequency, min.freq = 1,  
          max.words=200, random.order=FALSE, rot.per=0.35,  
          colors=brewer.pal(8, "Dark2"))
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : every time could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : get back could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : great day could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : sounds like could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : one thing could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : long time could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : many people could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : look forward could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : wait see could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : will get could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : come back could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : dont forget could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : new year could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : dont even could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : please follow could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : pretty much could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : little bit could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : join us could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : much better could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : just dont could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : thanks following could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : thanks much could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : thank much could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : just want could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : ive never could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : getting ready could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : will make could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : im glad could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : think im could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : united states could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : ice cream could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : need get could not be fit on page. It will not  
## be plotted.
```



```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : seems like could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : happy mothers could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : really good could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : dont care could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : anyone else could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : great time could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : will take could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : pretty sure could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : best friend could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : just finished could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : stay tuned could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : us know could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : good thing could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : can say could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : cant get could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : pretty good could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : will always could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : im really could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : want go could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : last time could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : someone else could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : good day could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : ive ever could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : one best could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : one time could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : can tell could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : didnt want could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : feels like could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : trying get could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : take care could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : will see could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : youre welcome could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : two weeks could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : one favorite could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : can find could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : let go could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : didnt get could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : time get could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : san diego could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : years old could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : im pretty could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : really want could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : two years could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : many times could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : dont worry could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : good night could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : thank god could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : even know could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : want see could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : valentines day could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : felt like could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : ive seen could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : really like could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : im trying could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : love love could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : can take could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : last day could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : will come could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : feel better could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : happy new could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : im getting could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : los angeles could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : one can could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : something like could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : great weekend could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : can also could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : going get could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : every single could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : im good could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : im happy could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : didnt even could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : first day could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : think can could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : hope see could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : youre going could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : coming soon could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : id love could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : know can could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : want know could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : oh yeah could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : go home could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : dont let could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : great job could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : get ready could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : will go could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : people dont could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : much love could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : everyone else could not be fit on page. It  
## will not be plotted.
```



```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : thats good could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : looked like could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : two days could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : will give could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : much time could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : things like could not be fit on page. It will  
## not be plotted.
```

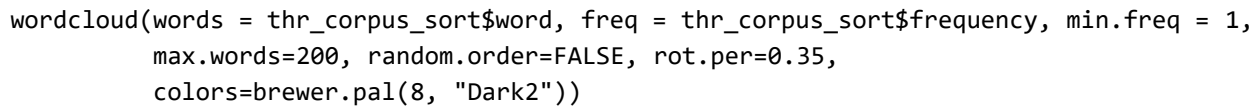
```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : just get could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : happy hour could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : just need could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : wanna go could not be fit on page. It will not  
## be plotted.
```

```
## Warning in wordcloud(words = two_corpus_sort$word, freq =  
## two_corpus_sort$frequency, : happy friday could not be fit on page. It will  
## not be plotted.
```



```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =
## thr_corpus_sort$frequency, : happy new year could not be fit on page. It
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =
## thr_corpus_sort$frequency, : dream come true could not be fit on page. It
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =
## thr_corpus_sort$frequency, : one day will could not be fit on page. It will
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : hope everyone great could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im just going could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : couple years ago could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im going start could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : sounds like fun could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : work work work could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : cake cake cake could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : please follow back could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : will take place could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : dont think ive could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : just got done could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : make feel better could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : martin luther king could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : hope see soon could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : thanks following us could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : hope feel better could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : id love see could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im going go could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : incorporated item c could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : keep great work could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : preheat oven degrees could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : come say hi could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : spend much time could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : every single one could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : feel better soon could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im just saying could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : just wanted say could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : sounds like great could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : dont really know could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : good morning world could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im gonna go could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : just little bit could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : just watching tv could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : know im going could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : never say never could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : cant wait next could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : doesnt look like could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : every single day could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : happy hump day could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : hope youre well could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im going get could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : never gets old could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : thought id share could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : three years ago could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : hate hate hate could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : let know can could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : looking forward meeting could not be fit on  
## page. It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : many years ago could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : never thought id could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : none repeat scroll could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : people dont know could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : repeat scroll yellow could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : show last night could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : spend lot time could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : stylebackground none repeat could not be fit  
## on page. It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : blah blah blah could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : get real rewards could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : go back school could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : just dont get could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : need get back could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : real rewards just could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : rewards just watching could not be fit on  
## page. It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : thanks follow hope could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : wish happy birthday could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : first time ive could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : follow us twitter could not be fit on page. It  
## will not be plotted.
```



```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : give us call could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : please feel free could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : really dont want could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : today good day could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : will follow back could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : cant get enough could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : dont wanna go could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : every time see could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : great way start could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : just dont understand could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : know can help could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : please please follow could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : several years ago could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : sounds like good could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : thanks follow back could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : think im gonna could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : want make sure could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : will never forget could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : best thing ever could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : dont know youre could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : even though im could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : first time ever could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : first time years could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : going right now could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im just gonna could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im sure ill could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im trying get could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : ive ever heard could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : just dont want could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : like everyone else could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : looks like im could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : president barack obama could not be fit on  
## page. It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : thanks everyone came could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : thanks kind words could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : us know can could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : us know think could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : want go back could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : cant go wrong could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : dont know much could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : follow follow back could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im going take could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : level mp cost could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : looking forward next could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : ralph waldo emerson could not be fit on page.  
## It will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : right now just could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : rt cant wait could not be fit on page. It will  
## not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : think ive ever could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : finished mi run could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : happy new years could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im still waiting could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : im sure youll could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : right now lol could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : two weeks ago could not be fit on page. It  
## will not be plotted.
```

```
## Warning in wordcloud(words = thr_corpus_sort$word, freq =  
## thr_corpus_sort$frequency, : wall street journal could not be fit on page.  
## It will not be plotted.
```

