Corey Stewart Mentions Analysis

Georges Colbert

6/21/2018

**Period of June 13 to June 21**

# Total Number of tweets

nrow(VA.tweetdf)

## [1] 2866

# How many are retweets?

##### How many are retweets?  
   
 table(VA.tweetdf$isRetweet)

##   
## FALSE TRUE   
## 786 2080

### list of top 6 favorite tweets

## [1] text favoriteCount created screenName   
## <0 rows> (or 0-length row.names)

## other than from candidate's account, most favorited

## text  
## 1 It is imperative that we defeat @TimKaine this November - I am the only candidate that can do so.\n\nPolls are open 6… https://t.co/aVWTndHhY3  
## 2 Today is the beginning of the end for Senator @timkaine. Vote for @NickForVA and let’s take back Virginia!\n\nPolls a… https://t.co/O4G8gDiT0k  
## 3 Kaine: Trump administration full of "crybabies" who can't handle criticism https://t.co/lnLk0dNbja https://t.co/VjvpK0VdAo  
## 4 We cannot accept another term of Tim Kaine and his far-Left agenda.\n\nI've never stopped fighting for our conservati… https://t.co/0rhpuS4roo  
## 5 BREAKING: In an uncontested race, Tim Kaine wins Democratic nomination for U.S. Senate in Virginia primary election… https://t.co/z8AV5IlrZ7  
## 6 Tim Kaine calls out the ‘glass jaws’ and ‘crybabies’ of the Trump White House. https://t.co/DLgQQ2HVkz  
## favoriteCount created screenName  
## 1 873 2018-06-12 14:40:38 NickForVA  
## 2 403 2018-06-12 18:29:40 Stump\_for\_Trump  
## 3 385 2018-06-12 14:55:06 thehill  
## 4 381 2018-06-12 20:31:11 NickForVA  
## 5 350 2018-06-12 23:14:35 AP\_Politics  
## 6 259 2018-06-12 23:01:00 CapehartJ

# top 6 retweeted tweets

## [1] text retweetCount created screenName   
## <0 rows> (or 0-length row.names)

# top 6 retweeted tweet Not including candidate

## text  
## 1 It is imperative that we defeat @TimKaine this November - I am the only candidate that can do so.\n\nPolls are open 6… https://t.co/aVWTndHhY3  
## 2 Today is the beginning of the end for Senator @timkaine. Vote for @NickForVA and let’s take back Virginia!\n\nPolls a… https://t.co/O4G8gDiT0k  
## 3 We cannot accept another term of Tim Kaine and his far-Left agenda.\n\nI've never stopped fighting for our conservati… https://t.co/0rhpuS4roo  
## 4 BREAKING: In an uncontested race, Tim Kaine wins Democratic nomination for U.S. Senate in Virginia primary election… https://t.co/z8AV5IlrZ7  
## 5 Kaine: Trump administration full of "crybabies" who can't handle criticism https://t.co/lnLk0dNbja https://t.co/VjvpK0VdAo  
## 6 Trump is literally making history and #MAGA and this is what the left has. 2020 looking real good!\nTim Kaine: Trump… https://t.co/9rfgLXcBDX  
## retweetCount created screenName  
## 1 374 2018-06-12 14:40:38 NickForVA  
## 2 303 2018-06-12 18:29:40 Stump\_for\_Trump  
## 3 164 2018-06-12 20:31:11 NickForVA  
## 4 103 2018-06-12 23:14:35 AP\_Politics  
## 5 76 2018-06-12 14:55:06 thehill  
## 6 75 2018-06-12 17:07:30 michie12661

### Top ten retweets overall

In this case, there were tweets that were creeated before the designated period that were still being shared on Twitter and accumulating retweets.

I <- VA.tweetdf[order(VA.tweetdf$retweetCount, decreasing=TRUE),]  
  
  
 I <- I[!duplicated(I$text),]  
  
  
I <- head(select(I,text,retweetCount,created,screenName,isRetweet),10)  
   
 as.data.frame(I)

## text  
## 1 RT @timkaine: Too real. https://t.co/A8fjFNJ2Oh  
## 2 RT @realDonaldTrump: .@timkaine oversaw unemployment INCREASE by 179,249 while @mike\_pence DECREASED unemployment in Indiana by 113,826. \n#…  
## 3 RT @CoreyStewartVA: I am running for U.S. Senate to defeat @timkaine - Join the movement. https://t.co/HXPdTRFsHM #DefeatKaine  
## 4 RT @timkaine: This might surprise some people but I think this is the most polite White House in history. They’re always saying “pardon me.”  
## 5 RT @nowthisnews: Liviu Librescu survived the Holocaust as a young boy. \n\nDecades later, he lost his life to senseless gun violence as a pro…  
## 6 RT @timkaine: So the administration is now suggesting the CANADIAN LEADER, one of our closest allies, should be condemned to the worst form…  
## 7 RT @Stump\_for\_Trump: .@NickForVA is a rising star in the Republican Party. He’s a former Green Beret, has an A rating from the NRA, wants m…  
## 8 RT @Patriotic\_Va: #NickFreitas dropping truth bombs \xed\xa0\xbd\xed\xb2\xa5\xed\xa0\xbd\xed\xb2\xa5 about our #2A rights! @NickForVA sounding pretty solid! \n\n#Virginians get out there…  
## 9 RT @timkaine: For too long, Congress has given Presidents a blank check to wage war. It’s time for that to stop.\n\nWe’ve introduced a new pl…  
## 10 RT @Stump\_for\_Trump: Green Beret Combat Veteran and member of the Virginia House of Delegates @NickForVA will crush @timkaine this November…  
## retweetCount created screenName isRetweet  
## 1 14569 2018-06-12 23:43:40 SharrySprague TRUE  
## 2 9358 2018-06-12 15:52:33 DJMAGAMAN TRUE  
## 3 5925 2018-06-12 23:42:14 dave\_t81 TRUE  
## 4 5240 2018-06-12 13:46:27 as9123839 TRUE  
## 5 4009 2018-06-12 21:11:02 Joanieklein5 TRUE  
## 6 1752 2018-06-12 21:21:46 bklynemerald TRUE  
## 7 1589 2018-06-12 23:33:33 BarbChelette TRUE  
## 8 843 2018-06-12 23:56:18 MidAtlantcWoman TRUE  
## 9 823 2018-06-12 17:08:01 Dragonwitch TRUE  
## 10 575 2018-06-12 22:47:15 Juicerden TRUE

## accounts that have the most total Retweets

## screenName x  
## 348 NickForVA 538  
## 453 Stump\_for\_Trump 303  
## 83 CapehartJ 248  
## 38 AP\_Politics 103  
## 475 thehill 76  
## 320 michie12661 75

## Most Active Accounts (including Retweets)

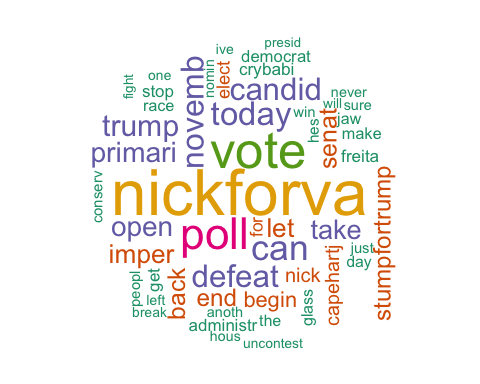
## Var1 Freq  
## 1422 MikeWebbNow 118  
## 2076 thanhduongkg 46  
## 2260 Wonsonlue 15  
## 1398 michael\_\_1776 14  
## 858 HambySr 13  
## 366 CEFan4Ever19 9

## Most Active Accounts

The Reason MikeWebbNow has 111 tweets is because he continued a conversation thread by tweeting 677 in row, essentially to himself Link -> <https://t.co/QAZLep4h1S>

## Var1 Freq  
## 325 MikeWebbNow 118  
## 473 thanhduongkg 46  
## 512 Wonsonlue 15  
## 83 CapehartJ 8  
## 203 HambySr 6  
## 87 CariniGambarini 5

# WORDCLOUD of most common used words



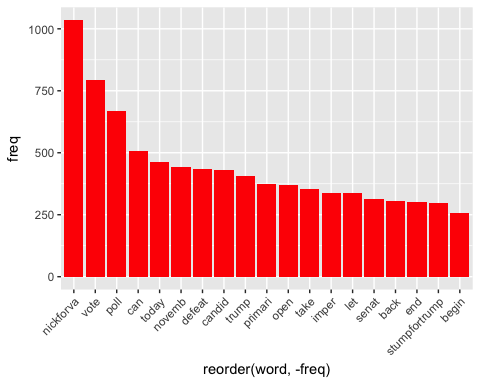
# List of The Top 15 Frequently used Words

## word freq  
## nickforva nickforva 1035  
## vote vote 795  
## poll poll 670  
## can can 509  
## today today 461  
## novemb novemb 443  
## defeat defeat 433  
## candid candid 432  
## trump trump 408  
## primari primari 375  
## open open 371  
## take take 355  
## let let 337  
## imper imper 337  
## senat senat 313

# Plot of Words that Appear at least 250 times

##   
## Attaching package: 'ggplot2'

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



## Words Association

To find out what words are associated with the candidates, I use a function called FindAssocs() on the dataset. For any given word, findAssocs() calculates its correlation with every other word in the dataset. Scores range from 0 to 1. A score of 1 means that two words always appear together, while a score of 0 means that they never appear together.

# which words are associated with "tim", "kaine", or "timkaine"

## $timkain  
## nickforva poll defeat novemb open   
## 0.45 0.45 0.40 0.40 0.39   
## imper end back stumpfortrump begin   
## 0.38 0.36 0.35 0.35 0.33   
## let senat take candid today   
## 0.32 0.31 0.29 0.28 0.22   
## can one libertyris must leader   
## 0.18 0.16 0.14 0.14 0.14   
## realli son bethk onli ask   
## 0.13 0.13 0.13 0.13 0.13   
## say america admin bitch fir   
## 0.12 0.11 0.11 0.11 0.11   
## foreign were antifa capeup told   
## 0.11 0.11 0.11 0.11 0.10   
## alli   
## 0.10

## $tim  
## kain anoth uncontest democrat   
## 0.89 0.30 0.29 0.28   
## win break nomin accept   
## 0.28 0.27 0.27 0.27   
## agenda farleft princi term   
## 0.27 0.27 0.27 0.27   
## fight elect white ive   
## 0.26 0.25 0.24 0.23   
## race call never real   
## 0.23 0.22 0.22 0.21   
## conserv apra sen appolit   
## 0.21 0.21 0.20 0.20   
## look liter michi just   
## 0.20 0.20 0.20 0.19   
## good admini histori for   
## 0.19 0.19 0.19 0.18   
## hous maga choos davebratvath   
## 0.18 0.17 0.17 0.17   
## trump best remind glass   
## 0.16 0.16 0.16 0.15   
## jaw hillari crybabi more   
## 0.15 0.15 0.15 0.15   
## togeth virginiapul wake stop   
## 0.15 0.15 0.15 0.14   
## time face americanvoterus coincid   
## 0.14 0.14 0.14 0.14   
## dncleak wednesda nickfrei primari   
## 0.14 0.14 0.14 0.13   
## republican corrupt exampl politico   
## 0.13 0.13 0.13 0.13   
## chair mike demsworkusa vasenamp   
## 0.13 0.13 0.13 0.13   
## winblu yeswecan was drainwdcswamp   
## 0.13 0.13 0.12 0.12   
## kag corey penc aliadair   
## 0.12 0.12 0.12 0.12   
## will rid seat fuctupmind   
## 0.11 0.11 0.11 0.11   
## ruin coreystewart fire tiastanley   
## 0.11 0.11 0.11 0.11   
## close out result del   
## 0.10 0.10 0.10 0.10   
## bore cefanev han version   
## 0.10 0.10 0.10 0.10

## $kain  
## tim crybabi anoth uncontest   
## 0.89 0.34 0.30 0.28   
## trump democrat win agenda   
## 0.27 0.27 0.27 0.27   
## farleft term break nomin   
## 0.27 0.27 0.26 0.26   
## fight accept princi white   
## 0.26 0.26 0.26 0.24   
## elect ive call race   
## 0.23 0.22 0.22 0.22   
## full handl never real   
## 0.22 0.21 0.21 0.20   
## conserv thehil appolit apra   
## 0.20 0.20 0.20 0.20   
## michi sen admini look   
## 0.20 0.19 0.19 0.19   
## histori liter hous critic   
## 0.19 0.19 0.18 0.18   
## for maga good glass   
## 0.17 0.17 0.17 0.15   
## jaw hillari togeth virginiapul   
## 0.15 0.15 0.15 0.15   
## more mike penc wake   
## 0.14 0.14 0.14 0.14   
## nickfrei stop corrupt kag   
## 0.14 0.13 0.13 0.13   
## exampl face politico americanvoterus   
## 0.13 0.13 0.13 0.13   
## chair coincid dncleak wednesda   
## 0.13 0.13 0.13 0.13   
## vasenamp winblu yeswecan was   
## 0.13 0.13 0.13 0.12   
## drainwdcswamp corey demsworkusa aliadair   
## 0.12 0.12 0.12 0.12   
## primari seat fuctupmind ruin   
## 0.11 0.11 0.11 0.11   
## coreystewart fire bravenakblog rid   
## 0.11 0.11 0.11 0.10   
## close out result tiastanley   
## 0.10 0.10 0.10 0.10   
## bore cefanev han version   
## 0.10 0.10 0.10 0.10

## $trump  
## liter admini histori michi maga look crybabi   
## 0.63 0.62 0.62 0.62 0.59 0.57 0.53   
## real jaw glass good administr left capehartj   
## 0.51 0.50 0.49 0.46 0.43 0.40 0.37   
## white call full make handl fill somebodi   
## 0.36 0.34 0.34 0.33 0.32 0.30 0.30   
## thehil hous critic punch peopl bac strike   
## 0.30 0.29 0.29 0.29 0.28 0.28 0.28   
## kain love foreign admin bitch fir america   
## 0.27 0.25 0.24 0.23 0.23 0.23 0.22   
## told were but polici say tim realli   
## 0.22 0.22 0.22 0.21 0.21 0.16 0.15   
## opinion the   
## 0.14 0.13

# Top 6 Negative Tweets

## text  
## 1 timkaine embarrassing frightening dangerous treasonous trump  
## 2 unconscionable exploitation timkaine to secazar on the cost of leukemia drug gleevec  
## 3 bible translator killed houses burned down huge disruption to bible projects in cameroon southerncameroons cris //tco/0jd2k4pzrm  
## 4 timkaine i am very disturbed by your bill this sounds counterproductive  
## 5 vote nickforva tim kaine's a spineless pussy and a moron  
## 6 timkaine is really stupid with this proposed bill this is palinlevel stupid the corkerkaine bill would effec //tco/6veo3js84m  
## retweetCount created screenName  
## 1 0 2018-06-12 01:34:59 Oregonkato13  
## 2 0 2018-06-12 15:04:24 WTFarma  
## 3 20 2018-06-12 23:15:34 judithnwana  
## 4 0 2018-06-12 04:03:22 HCPRpro3  
## 5 0 2018-06-12 20:48:22 StevenH67292506  
## 6 0 2018-06-12 15:59:34 StrangedeBill1

# Top 6 Positive Tweets

## text  
## 1 tim kaine is similar to the lovely loyal honest true blue speaker ryan only times 10 //tco/zbuao9pnhz  
## 2 i really do love and admire timkaine and he should be the vp right this very second listen to his interview with //tco/ubcumh0tfx  
## 3 capehaj timkaine i really do love tim kaine he should be vp right this very second  
## 4 nickforva politibunny timkaine good luck today  
## 5 nickforva kylekashuv timkaine good luck nick  
## 6 nickforva timkaine good luck from florida  
## retweetCount created screenName  
## 1 0 2018-06-12 16:47:43 US\_CENTURION  
## 2 0 2018-06-12 18:44:57 lifesafeast  
## 3 0 2018-06-12 18:45:21 lifesafeast  
## 4 0 2018-06-12 16:27:41 propatriots  
## 5 0 2018-06-12 16:13:10 JohnAyr12294351  
## 6 1 2018-06-12 14:52:40 toddlergod

## geom\_path: Each group consists of only one observation. Do you need to  
## adjust the group aesthetic?