Nick Freitas Mentions Analysis

Georges Colbert

6/19/2018

**Period of June 12 Primary Day**

# Total Number of tweets

nrow(VA.tweetdf)

## [1] 8236

# How many are retweets?

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

##   
## FALSE TRUE   
## 1298 6938

### list of top 6 favorite tweets From Nick’s account

## text  
## 1 The reason I’m running for United States Senate is because I believe in the promise of this country.\n\nVote tomorrow… https://t.co/Cg3qNlytoM  
## 2 Today is the big day. I hope I can earn your support in my candidacy for United States Senate! \n\nPolls are open 6:0… https://t.co/HiDyvHXKxa  
## 3 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  
## 4 My opponent, Corey Stewart, continues to lie about my record even at the voting booth. Don't let the same politicia… https://t.co/MdTgXweZHk  
## 5 Tina and I have been visiting different precincts this morning making final visits with voters. Nothing but positiv… https://t.co/BC8wG1itga  
## 6 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  
## favoriteCount created screenName  
## 1 1632 2018-06-12 01:26:14 NickForVA  
## 2 936 2018-06-12 10:11:22 NickForVA  
## 3 883 2018-06-12 14:40:38 NickForVA  
## 4 415 2018-06-12 19:35:17 NickForVA  
## 5 409 2018-06-12 15:30:41 NickForVA  
## 6 390 2018-06-12 20:31:11 NickForVA

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

## text  
## 1 This guy is incredible. If you are voting tomorrow consider this Green Beret. https://t.co/rJJlgZ7V3Q  
## 2 Nick Freitas Green Beret VA Senate Candidate!#SingaporeSummit We are witnessing history! Pray for peace\xed\xa0\xbd\xed\xb9\x8f\xed\xa0\xbc\xed\xbf\xbc https://t.co/2qNhinNSkB  
## 3 That look you get when you walk into your polling location on Election Day, when you live in a deep blue city and t… https://t.co/bo6NOFPTZN  
## 4 #Virginia get out and vote I did!! \n\nLet’s do this @NickForVA I did my part now it’s your turn, send #TimKaine home… https://t.co/ZADDI5d64E  
## 5 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  
## 6 .@BillKristol wants troops protecting S. Korea / N.Korea border.\n\nBut doesn't want troops on US/Mexico border.\n\nHe… https://t.co/uZt9oRavKP  
## favoriteCount created screenName  
## 1 1658 2018-06-12 01:45:24 TimKennedyMMA  
## 2 1038 2018-06-12 00:58:37 codeofvets  
## 3 588 2018-06-12 18:05:55 RuthieRedSox  
## 4 428 2018-06-12 15:38:07 Patriotic\_Va  
## 5 404 2018-06-12 18:29:40 Stump\_for\_Trump  
## 6 361 2018-06-12 12:26:57 CoreyStewartVA

# top 6 retweeted tweets from candidates account

## text  
## 1 Today is the big day. I hope I can earn your support in my candidacy for United States Senate! \n\nPolls are open 6:0… https://t.co/HiDyvHXKxa  
## 2 RT @NickForVA: The reason I’m running for United States Senate is because I believe in the promise of this country.\n\nVote tomorrow, June 12…  
## 3 The reason I’m running for United States Senate is because I believe in the promise of this country.\n\nVote tomorrow… https://t.co/Cg3qNlytoM  
## 4 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  
## 5 RT @Stump\_for\_Trump: Today is the beginning of the end for Senator @timkaine. Vote for @NickForVA and let’s take back Virginia!\n\nPolls are…  
## 6 With less than two hours left until the polls shut down, make sure to find your nearest precinct in the Commonwealt… https://t.co/D2BDUe2U6u  
## retweetCount created screenName  
## 1 453 2018-06-12 10:11:22 NickForVA  
## 2 443 2018-06-12 21:35:53 NickForVA  
## 3 443 2018-06-12 01:26:14 NickForVA  
## 4 380 2018-06-12 14:40:38 NickForVA  
## 5 302 2018-06-12 19:13:36 NickForVA  
## 6 219 2018-06-12 21:21:53 NickForVA

# top 6 retweeted tweet Not including candidate

## text  
## 1 Nick Freitas Green Beret VA Senate Candidate!#SingaporeSummit We are witnessing history! Pray for peace\xed\xa0\xbd\xed\xb9\x8f\xed\xa0\xbc\xed\xbf\xbc https://t.co/2qNhinNSkB  
## 2 That look you get when you walk into your polling location on Election Day, when you live in a deep blue city and t… https://t.co/bo6NOFPTZN  
## 3 This guy is incredible. If you are voting tomorrow consider this Green Beret. https://t.co/rJJlgZ7V3Q  
## 4 #Virginia get out and vote I did!! \n\nLet’s do this @NickForVA I did my part now it’s your turn, send #TimKaine home… https://t.co/ZADDI5d64E  
## 5 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  
## 6 We are the solution! Nick Freitas Green Beret VA Senate Candidate!#SingaporeSummit We are witnessing history! Pray … https://t.co/voOUPJgG3o  
## retweetCount created screenName  
## 1 529 2018-06-12 00:58:37 codeofvets  
## 2 339 2018-06-12 18:05:55 RuthieRedSox  
## 3 321 2018-06-12 01:45:24 TimKennedyMMA  
## 4 318 2018-06-12 15:38:07 Patriotic\_Va  
## 5 302 2018-06-12 18:29:40 Stump\_for\_Trump  
## 6 184 2018-06-12 03:21:29 codeofvets

### 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 @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…  
## 2 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…  
## 3 RT @NickForVA: Thanks to everyone who has recently announced support for our campaign. It’s especially humbling to have a positive group of…  
## 4 RT @NickForVA: I have an A+ rating from the @NRA and I am the only candidate endorsed by the @NRAPVF in this election. \n\nOur Second Amendme…  
## 5 RT @Stump\_for\_Trump: Green Beret Combat Veteran and member of the Virginia House of Delegates @NickForVA will crush @timkaine this November…  
## 6 RT @codeofvets: Nick Freitas Green Beret VA Senate Candidate!#SingaporeSummit We are witnessing history! Pray for peace\xed\xa0\xbd\xed\xb9\x8f\xed\xa0\xbc\xed\xbf\xbc https://t.co/2qNh…  
## 7 Nick Freitas Green Beret VA Senate Candidate!#SingaporeSummit We are witnessing history! Pray for peace\xed\xa0\xbd\xed\xb9\x8f\xed\xa0\xbc\xed\xbf\xbc https://t.co/2qNhinNSkB  
## 8 RT @MAGANinaJo: VIRGINIA, there is only one candidate that can replace Tim Kane &amp; that’s Nick Freitas! Nick is NRA approved, against sanctu…  
## 9 RT @NickForVA: Don't let politicians deceive you. Vote Nick Freitas on June 12. #LibertyRising #VASen #VAPol https://t.co/AuA98g9Yua  
## 10 RT @NickForVA: Only one day left until the primary and we must defeat @TimKaine in November!\n\nMake sure to vote tomorrow!\n\n#LibertyRising #…  
## retweetCount created screenName isRetweet  
## 1 1608 2018-06-12 23:33:33 BarbChelette TRUE  
## 2 841 2018-06-12 15:51:46 AmberDMcClure\_6 TRUE  
## 3 828 2018-06-12 03:35:20 GOPVictories TRUE  
## 4 611 2018-06-12 22:32:18 TheNeaL TRUE  
## 5 575 2018-06-12 22:47:15 Juicerden TRUE  
## 6 529 2018-06-12 23:51:14 Trey\_VonDinkis2 TRUE  
## 7 529 2018-06-12 00:58:37 codeofvets FALSE  
## 8 519 2018-06-12 23:49:39 Libertee\_\_Belle TRUE  
## 9 517 2018-06-12 22:31:36 TheNeaL TRUE  
## 10 454 2018-06-12 22:31:47 TheNeaL TRUE

## accounts that have the most total Retweets

## screenName x  
## 570 NickForVA 2020  
## 158 codeofvets 859  
## 597 Patriotic\_Va 486  
## 680 RuthieRedSox 339  
## 789 TimKennedyMMA 321  
## 748 Stump\_for\_Trump 302

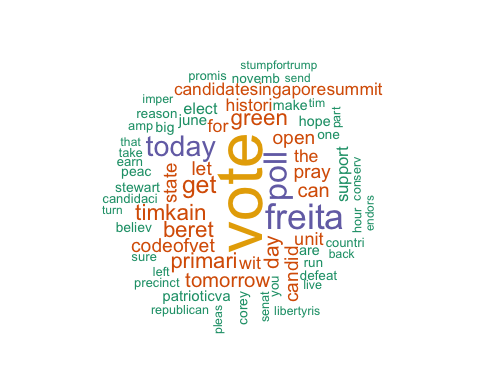
## Most Active Accounts (including Retweets)

## Var1 Freq  
## 2891 michael\_\_1776 189  
## 2881 MFEUZ3 76  
## 3276 ParentWayne 52  
## 3370 Phibear94 41  
## 1820 HyltonRobin 37  
## 1891 ItsChad 37

## Most Active Accounts

## Var1 Freq  
## 426 KeiraJaneReed1 25  
## 520 michael\_\_1776 23  
## 570 NickForVA 23  
## 518 MFEUZ3 15  
## 329 IanTreyParish 13  
## 593 ParentWayne 13

# WORDCLOUD of most common used words (Top 300)



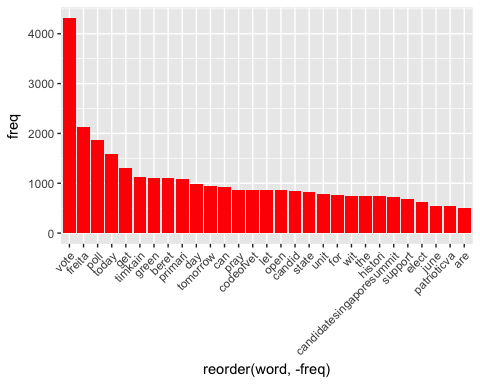
# List of The Top 15 Frequently used Words

## word freq  
## vote vote 4315  
## freita freita 2123  
## poll poll 1864  
## today today 1596  
## get get 1304  
## timkain timkain 1120  
## green green 1110  
## beret beret 1109  
## primari primari 1080  
## day day 994  
## tomorrow tomorrow 955  
## can can 929  
## pray pray 872  
## codeofvet codeofvet 870  
## let let 868

# Plot of Words that Appear at least 500 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"

## $nickforva  
## hyltonrobin timkain bad bossclaw deborah   
## 0.27 0.22 0.21 0.21 0.21   
## maggiebb speach state unit sanctuari   
## 0.21 0.21 0.20 0.20 0.19   
## cit appreci patrioticva let nrapvf   
## 0.19 0.18 0.17 0.16 0.16   
## hope believ open make fight   
## 0.15 0.15 0.15 0.15 0.15   
## reason support june countri novemb   
## 0.15 0.14 0.14 0.14 0.14   
## big candidaci earn promis today   
## 0.14 0.14 0.14 0.14 0.13   
## take thank part defeat imper   
## 0.13 0.13 0.13 0.13 0.13   
## stumpfortrump send end senat home   
## 0.13 0.13 0.12 0.12 0.12   
## left back can now run   
## 0.12 0.11 0.11 0.11 0.11   
## need begin great   
## 0.11 0.11 0.10

## $nick  
## freita kane sanctu   
## 0.83 0.41 0.41   
## candidatesingaporesummit histori wit   
## 0.40 0.40 0.40   
## approv replac maganinajo   
## 0.40 0.40 0.38   
## for pray codeofvet   
## 0.34 0.34 0.33   
## are peac beret   
## 0.31 0.31 0.27   
## green nra tim   
## 0.27 0.27 0.26   
## drag high speed   
## 0.24 0.24 0.23   
## low frieta suzanneltdhj   
## 0.21 0.20 0.20   
## voteyour voic congress   
## 0.20 0.19 0.19   
## solut patriot primari   
## 0.18 0.18 0.17   
## amp busylizzi michael   
## 0.17 0.17 0.17   
## disagre may one   
## 0.15 0.15 0.15   
## report agre close   
## 0.14 0.14 0.13   
## jackson republican forc   
## 0.13 0.13 0.13   
## reevesva special nickforsen   
## 0.13 0.13 0.12   
## freit stewart race   
## 0.12 0.11 0.11   
## choic corey candid   
## 0.11 0.10 0.10   
## folk combat   
## 0.10 0.10

## $freita  
## nick wit candidatesingaporesummit   
## 0.83 0.53 0.52   
## histori pray codeofvet   
## 0.52 0.46 0.45   
## are peac beret   
## 0.42 0.41 0.38   
## green for replac   
## 0.38 0.36 0.25   
## solut approv kane   
## 0.23 0.21 0.21   
## sanctu report disagre   
## 0.21 0.20 0.20   
## may maganinajo agre   
## 0.20 0.20 0.19   
## republican busylizzi stewart   
## 0.18 0.18 0.17   
## primari corey jackson   
## 0.17 0.16 0.16   
## race nickforsen michael   
## 0.16 0.16 0.16   
## tim nra folk   
## 0.15 0.15 0.14   
## jackposobiec hilari drag   
## 0.13 0.13 0.13   
## high clinton drsuetterlein   
## 0.13 0.12 0.12   
## runni speed antifa   
## 0.12 0.12 0.11   
## low del bethk   
## 0.11 0.10 0.10   
## son   
## 0.10

## $stewart  
## corey booth report oppon lie   
## 0.95 0.50 0.49 0.49 0.48   
## record continu even jackson politician   
## 0.47 0.46 0.45 0.41 0.40   
## like dont jackposobiec republican avoid   
## 0.39 0.36 0.35 0.23 0.23   
## manag row lead consmov quarter   
## 0.23 0.23 0.22 0.21 0.21   
## taniel result year freita del   
## 0.21 0.18 0.18 0.17 0.17   
## gop redistrict princ ahead mosqu   
## 0.16 0.16 0.15 0.15 0.15   
## face politico far oppos seat   
## 0.14 0.14 0.14 0.14 0.13   
## which virginia let william peterhancock   
## 0.13 0.13 0.13 0.13 0.13   
## earli genuin nick dkelect edwarda   
## 0.12 0.12 0.11 0.11 0.11   
## exp goe primari maga   
## 0.11 0.11 0.10 0.10

## $coreystewartva  
## also want border usmexico   
## 0.48 0.46 0.46 0.42   
## korea nkorea troop billkristol   
## 0.41 0.41 0.41 0.39   
## protect but boehner john   
## 0.38 0.36 0.33 0.32   
## magazin ole pine rag   
## 0.32 0.32 0.32 0.32   
## they oann studio yesterday   
## 0.30 0.30 0.27 0.27   
## libertarian earlier daili ewjacksonsr   
## 0.26 0.26 0.25 0.25   
## winegirl interview antiamerican apolog   
## 0.21 0.18 0.18 0.18   
## imm warmong vpapupd neocon   
## 0.18 0.18 0.17 0.17   
## gop neckneck scare nevertrump   
## 0.16 0.16 0.15 0.15   
## realdonaldtrump bill smoke jackposobiec   
## 0.14 0.14 0.14 0.13   
## kristol redcarolina dump philosophi   
## 0.13 0.12 0.12 0.12   
## genosmal good altfawn break   
## 0.12 0.11 0.11 0.11   
## hearsayradio job enjoy getspectrum   
## 0.11 0.11 0.11 0.11   
## mean parsonsschwarz vago bucksawy   
## 0.11 0.11 0.11 0.11   
## enemi boyd cant   
## 0.11 0.10 0.10

# Top 6 Negative Tweets

## text  
## 1 alwaysonoffense nickforva but you hate libey  
## 2 coreystewava billkristol nickforva why do you hate mexico so much were more in danger of angry white boys wi //tco/rrrb4or2iu  
## 3 jfradioshow stewa troll trying to blame me and other dems if corey loses //tco/dqtgkdjqbo  
## 4 vote nickforva tim kaine's a spineless pussy and a moron  
## 5 coreystewava cant beat nick unless he makes up flat out lies he has no honor or integrity virginia needs to r //tco/f6rug3i0dn  
## 6 tatreeves63 chrislu44 arlingtondems no do not vote based on pay vote on policy although hell yea red this ye //tco/ypfihvi6fs  
## retweetCount created screenName  
## 1 0 2018-06-12 12:11:49 BCD\_76  
## 2 0 2018-06-12 19:11:28 chrisflib  
## 3 0 2018-06-12 23:13:02 tristanshields  
## 4 0 2018-06-12 20:48:22 StevenH67292506  
## 5 1 2018-06-12 19:43:42 MFEUZ3  
## 6 0 2018-06-12 14:12:53 Wonsonlue

# Top 6 Positive Tweets

## text  
## 1 nickforva good luck nickforva we need more good men like you in office  
## 2 nickforva good lucky buddy libeyrising //tco/fbip9fofbr  
## 3 please encourage suppo for this amazing candidate virginia is lucky //tco/fmeajqeeff  
## 4 tim kaine is similar to the lovely loyal honest true blue speaker ryan only times 10 //tco/zbuao9pnhz  
## 5 i really really hope that nickforva wins today  
## 6 what a beautiful site god bless america god bless virginia and god bless nick freitas libeyrising withyou //tco/a26tkh7fqv  
## retweetCount created screenName  
## 1 0 2018-06-12 14:35:43 alexmyers1984  
## 2 0 2018-06-12 20:17:00 MrsBetsyJane  
## 3 0 2018-06-12 02:12:48 geodog111  
## 4 0 2018-06-12 16:47:43 US\_CENTURION  
## 5 0 2018-06-12 18:12:01 awelch744  
## 6 1 2018-06-12 22:05:30 ParentWayne

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