Code output for:
Unconditional Support for Trump's Resistance Prior to Election Day

Brendan Hartnett, Alexandra Haver
PS: Political Science and Politics

```
#Read data into R
library(readr)
dat <- read_csv("Unconditional Support for Trump Resist.csv")
```

```
## Rows: 1208 Columns: 44
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr  (8): V1, V3, V4, rid, whytrump, tres11, tres22, tres33
## dbl (36): V5, consent, age, gender, hhi, ethnicity, hispanic, education, reg...
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
#Subset only likely Trump voters, those those who had already voted, and leaners
dat <- subset(dat, presvote2020==2 | presvote2020_voted==2 | presvote_2020lean==2)

## Recode support for Trump's resistance ####
# Basic Trump lose
table(dat$trumplose)
```

```
##
##   1   2
## 204 306
```

```
prop.table(table(dat$trumplose))
```

```
##
##   1   2
## 0.4 0.6
```

```
# Recode support for Trump's resistance as dummy variable
dat$trumploss <- NA
dat$trumploss[dat$trumplose==2] <- 0
dat$trumploss[dat$trumplose==1] <- 1
table(dat$trumploss)
```

```
##
##   0   1
## 306 204
```

```
prop.table(table(dat$trumploss))
```

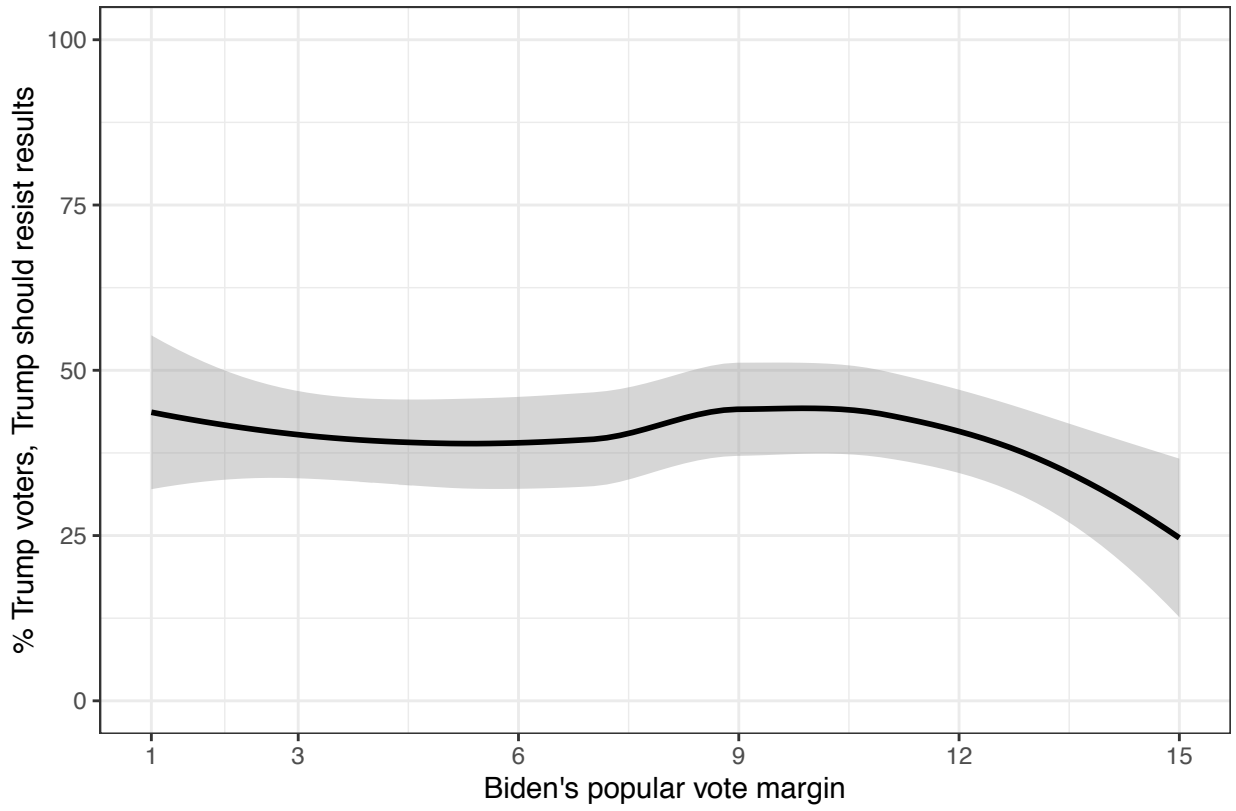
```
##
##   0   1
## 0.6 0.4
```

```r
#Weighted mean for percent supporting Trump's resistance
weighted.mean(dat$trumploss, dat$nationalweight)
```

```
## [1] 0.3982925
```

```r
#### Figure 1 Trump resist vs Pop Vote Margin Loess graph using x ~ y formula ####
#weight data using national weights
library(ggplot2)
plotT <- ggplot(dat, aes(x=margin, y=trumploss*100, weight=nationalweight)) +
  geom_smooth(colour = "black", se=T, span=1, level=.95) + theme_bw() +
  xlab("Biden's popular vote margin") +
  ylab("% Trump voters, Trump should resist results") +
  scale_color_manual(values="#000000", "#000000") +
  theme(plot.title = element_text(hjust = 0.5)) + ylim(0,100) +
  labs(caption="n=510.") + scale_x_continuous(breaks=c(1, 3, 6, 9, 12, 15))
plotT
```

```
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'
```




```r
#### Model 1: Test for Trump margin significance using logit model####
model1 <- glm(trumploss~margin, data=dat, weights=nationalweight)
summary(model1)
```

```
##
## Call:
## glm(formula = trumploss ~ margin, data = dat, weights = nationalweight)
##
## Deviance Residuals:
```

```
##     Min       1Q   Median       3Q      Max
## -0.7111  -0.3734  -0.2970   0.5271   1.0505
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.442669   0.044679   9.908   <2e-16 ***
## margin      -0.005614   0.004942  -1.136    0.256
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for gaussian family taken to be 0.22094)
##
##     Null deviance: 112.52  on 509  degrees of freedom
## Residual deviance: 112.24  on 508  degrees of freedom
## AIC: 764.69
##
## Number of Fisher Scoring iterations: 2
```

```
model1
```

```
##
## Call:  glm(formula = trumploss ~ margin, data = dat, weights = nationalweight)
##
## Coefficients:
## (Intercept)       margin
##    0.442669    -0.005614
##
## Degrees of Freedom: 509 Total (i.e. Null);  508 Residual
## Null Deviance:       112.5
## Residual Deviance: 112.2     AIC: 764.7
```

```
#Recode demographics ####

#Recode Party Identification
table(dat$pid3)
```

```
##
##   1   2   3   4   5
##  26 363 112   6   3
```

```
dat$partyid <- NA
#Code all who identified as Democrats or Independents as 'Non-Republican'
dat$partyid[dat$pid7<5] <- "Non-Republican"
#Code those who identified as other/not sure as 'Non-Republican
dat$partyid[dat$pid7==8] <- "Non-Republican"
#Code Lean Republican
dat$partyid[dat$pid7==5] <- "Lean Republican"
#Code Republican
dat$partyid[dat$pid7==6] <- "Republican"
#Code Strong Republicans
dat$partyid[dat$pid7==7] <- "Strong Republican"
#Descriptive table of party ID
table(dat$partyid)
```

```
##
##   Lean Republican    Non-Republican        Republican Strong Republican
```

```
##                72                 75                103                260
```

```
#Order Party Identification
dat$partyid <- factor(dat$partyid, levels = c("Non-Republican", "Lean Republican",
                                              "Republican", "Strong Republican"))
table(dat$partyid)
```

```
##
##    Non-Republican   Lean Republican        Republican Strong Republican
##                75                 72                103                260
```

```
#Recode Level of Education
dat$education3 <- NA
table(dat$education)
```

```
##
##   1   2   3   4   5   6
##  11 151  91  41 140  76
```

```
#Code those who did not graduate high school, only graduated high school, or
  #went to vocational school as 'no -college'
dat$education3[dat$education<4] <- "No college"
#Code those who have some college experience but no degree, or an associates degree
  #as 'Some college'
dat$education3[dat$education==4 | dat$education==5] <- "Some college"
#Code those who have a bachelors degree as 'college degree'
dat$education3[dat$education>5] <- "College degree"
#Descriptive degree of education
table(dat$education3)
```

```
##
## College degree     No college   Some college
##             76            253            181
```

```
#Order Level of Education
dat$education3 <- factor(dat$education3, levels = c("No college", "Some college",
                                                    "College degree"))
table(dat$education3)
```

```
##
##     No college   Some college College degree
##            253            181             76
```

```
#Recode Household Income
table(dat$hhi)
```

```
##
## -3105     1     2     3     4     5     6     7     8     9    10    11    12
##    20    63    27    26    28    39    22    18    27    33    19    12    15
##    13    14    15    16    17    18    19    20    21    22    23    24
##    16    17     7     8     9    12    30    23     4    14     9    12
```

```
dat$hhinc <- NA
#Less than $25k
dat$hhinc[dat$hhi<4] <- "Less than $25,000"
#Between $25k-75k
dat$hhinc[dat$hhi>3 & dat$hhi < 14] <- "$25,000-$74,999"
#Between $75k-125k
dat$hhinc[dat$hhi>13 & dat$hhi < 20] <- "$75,000-$124,999"
```

```
#Over $125k
dat$hhinc[dat$hhi>19] <- "Over $125,000"
#Descriptive table of household income
table(dat$hhinc)
```

```
##
##   $25,000-$74,999  $75,000-$124,999 Less than $25,000     Over $125,000
##               229                83               136                62
```

```
#Order Household Income
dat$hhinc <- factor(dat$hhinc, levels = c("Less than $25,000", "$25,000-$74,999",
                                          "$75,000-$124,999", "Over $125,000"))
table(dat$hhinc)
```

```
##
## Less than $25,000   $25,000-$74,999  $75,000-$124,999     Over $125,000
##               136               229                83                62
```

```
#Recode Age into Categorical Variable
dat$agecat <- NA
#Under age 35
dat$agecat[dat$age<35] <- "Under 35"
#Between 35 years old and 50
dat$agecat[dat$age>34 & dat$age<50] <- "35-49"
#Between 50 and 65
dat$agecat[dat$age>49 & dat$age<65] <- "50-64"
#Over 65
dat$agecat[dat$age>65] <- "65 and over"
#Descriptive table of age categories
table(dat$agecat)
```

```
##
##       35-49       50-64 65 and over    Under 35
##         143         154          89         115
```

```
#Order age category
dat$agecat <- factor(dat$agecat, levels = c("Under 35", "35-49", "50-64", "65 and over"))
table(dat$agecat)
```

```
##
##    Under 35       35-49       50-64 65 and over
##         115         143         154          89
```

```
#Recode gender
table(dat$gender)
```

```
##
##   1   2
## 245 265
```

```
dat$gen <- NA
#Male
dat$gen[dat$gender==1] <- "Male"
#Female
dat$gen[dat$gender==2] <- "Female"
#Descriptive table of gender identity
table(dat$gen)
```

```
##
## Female   Male
##    265    245
```

```
#Recode News interest
  #so that higher values indicate more interest in the news
dat$newsinterest <- NA
dat$newsinterest[dat$newsint==1] <- 4
dat$newsinterest[dat$newsint==2] <- 3
dat$newsinterest[dat$newsint==3] <- 2
dat$newsinterest[dat$newsint==4] <- 1
#Descriptive table of news interest
table(dat$newsinterest)
```

```
##
##   1   2   3   4
##  23  44 182 261
```

```
#Acknowledgment of racism
  #so that higher values indicate more acknowledgment of racism
table(dat$acknowledgment)
```

```
##
##   1   2   3   4   5   6
##  46  69 121  73  62 139
```

```
dat$ackracism <- NA
dat$ackracism[dat$acknowledgment==1] <- 6
dat$ackracism[dat$acknowledgment==2] <- 5
dat$ackracism[dat$acknowledgment==3] <- 4
dat$ackracism[dat$acknowledgment==4] <- 3
dat$ackracism[dat$acknowledgment==5] <- 2
dat$ackracism[dat$acknowledgment==6] <- 1
#Descriptive table of acknowledgment of racism
table(dat$ackracism)
```

```
##
##   1   2   3   4   5   6
## 139  62  73 121  69  46
```

```
### Model 2: Test for Trump margin significance using logit model and demographics ####
model2 <- glm(trumploss ~ margin + factor(agecat) + factor(education3) + factor(hhinc)
              + factor(partyid) + factor(gen) + newsinterest + ackracism,
              data=dat, weights=nationalweight)
model2
```

```
##
## Call:  glm(formula = trumploss ~ margin + factor(agecat) + factor(education3) +
##     factor(hhinc) + factor(partyid) + factor(gen) + newsinterest +
##     ackracism, data = dat, weights = nationalweight)
##
## Coefficients:
##                       (Intercept)                             margin
##                          0.430395                          -0.007243
##              factor(agecat)35-49                factor(agecat)50-64
##                          0.023986                          -0.061435
##        factor(agecat)65 and over    factor(education3)Some college
```

```
##                         -0.169745                         -0.053741
## factor(education3)College degree      factor(hhinc)$25,000-$74,999
##                          0.030719                          0.004097
##    factor(hhinc)$75,000-$124,999        factor(hhinc)Over $125,000
##                          0.016490                          0.011344
##   factor(partyid)Lean Republican         factor(partyid)Republican
##                         -0.002943                          0.080158
## factor(partyid)Strong Republican                   factor(gen)Male
##                          0.070735                         -0.055235
##                      newsinterest                          ackracism
##                          0.040299                         -0.024516
##
## Degrees of Freedom: 500 Total (i.e. Null);  485 Residual
##   (9 observations deleted due to missingness)
## Null Deviance:       111.1
## Residual Deviance: 106.3     AIC: 759.8
```

```
summary(model2)
```

```
##
## Call:
## glm(formula = trumploss ~ margin + factor(agecat) + factor(education3) +
##     factor(hhinc) + factor(partyid) + factor(gen) + newsinterest +
##     ackracism, data = dat, weights = nationalweight)
##
## Deviance Residuals:
##     Min       1Q   Median       3Q      Max
## -0.7659  -0.3785  -0.2551   0.4799   1.0526
##
## Coefficients:
##                                  Estimate Std. Error t value Pr(>|t|)
## (Intercept)                      0.430395   0.133155   3.232  0.00131 **
## margin                          -0.007243   0.005087  -1.424  0.15510
## factor(agecat)35-49              0.023986   0.064523   0.372  0.71025
## factor(agecat)50-64             -0.061435   0.062815  -0.978  0.32854
## factor(agecat)65 and over       -0.169745   0.068533  -2.477  0.01360 *
## factor(education3)Some college  -0.053741   0.052515  -1.023  0.30665
## factor(education3)College degree 0.030719   0.076981   0.399  0.69003
## factor(hhinc)$25,000-$74,999     0.004097   0.052543   0.078  0.93789
## factor(hhinc)$75,000-$124,999    0.016490   0.070797   0.233  0.81593
## factor(hhinc)Over $125,000       0.011344   0.091440   0.124  0.90132
## factor(partyid)Lean Republican  -0.002943   0.081371  -0.036  0.97116
## factor(partyid)Republican        0.080158   0.075104   1.067  0.28637
## factor(partyid)Strong Republican 0.070735   0.064211   1.102  0.27118
## factor(gen)Male                 -0.055235   0.045804  -1.206  0.22845
## newsinterest                     0.040299   0.028936   1.393  0.16435
## ackracism                       -0.024516   0.013396  -1.830  0.06784 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for gaussian family taken to be 0.2192537)
##
##     Null deviance: 111.11  on 500  degrees of freedom
## Residual deviance: 106.34  on 485  degrees of freedom
##   (9 observations deleted due to missingness)
```

```
## AIC: 759.77
##
## Number of Fisher Scoring iterations: 2
```

```
#Table 1: Models 1 and 2 ####
#Export for paper
library(stargazer)
```

```
##
## Please cite as:
##
##  Hlavac, Marek (2018). stargazer: Well-Formatted Regression and Summary Statistics Tables.
##  R package version 5.2.2. https://CRAN.R-project.org/package=stargazer
```

```
stargazer(model1, model2, type="html", out="Table_1_regression_models.doc",
          intercept.bottom = T, intercept.top = F, digits=4, single.row=T)
```

```
##
## <table style="text-align:center"><tr><td colspan="3" style="border-bottom: 1px solid black"></td></t
## <tr><td></td><td colspan="2" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td colspan="2">trumploss</td></tr>
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td></tr>
## <tr><td colspan="3" style="border-bottom: 1px solid black"></td></tr><tr><td style="text-align:left"
## <tr><td style="text-align:left">factor(agecat)35-49</td><td></td><td>0.0240 (0.0645)</td></tr>
## <tr><td style="text-align:left">factor(agecat)50-64</td><td></td><td>-0.0614 (0.0628)</td></tr>
## <tr><td style="text-align:left">factor(agecat)65 and over</td><td></td><td>-0.1697<sup>**</sup> (0.0
## <tr><td style="text-align:left">factor(education3)Some college</td><td></td><td>-0.0537 (0.0525)</td
## <tr><td style="text-align:left">factor(education3)College degree</td><td></td><td>0.0307 (0.0770)</t
## <tr><td style="text-align:left">74,999</td><td></td><td>0.0041 (0.0525)</td></tr>
## <tr><td style="text-align:left">124,999</td><td></td><td>0.0165 (0.0708)</td></tr>
## <tr><td style="text-align:left">125,000</td><td></td><td>0.0113 (0.0914)</td></tr>
## <tr><td style="text-align:left">factor(partyid)Lean Republican</td><td></td><td>-0.0029 (0.0814)</td
## <tr><td style="text-align:left">factor(partyid)Republican</td><td></td><td>0.0802 (0.0751)</td></tr
## <tr><td style="text-align:left">factor(partyid)Strong Republican</td><td></td><td>0.0707 (0.0642)</t
## <tr><td style="text-align:left">factor(gen)Male</td><td></td><td>-0.0552 (0.0458)</td></tr>
## <tr><td style="text-align:left">newsinterest</td><td></td><td>0.0403 (0.0289)</td></tr>
## <tr><td style="text-align:left">ackracism</td><td></td><td>-0.0245<sup>*</sup> (0.0134)</td></tr>
## <tr><td style="text-align:left">Constant</td><td>0.4427<sup>***</sup> (0.0447)</td><td>0.4304<sup>**
## <tr><td colspan="3" style="border-bottom: 1px solid black"></td></tr><tr><td style="text-align:left"
## <tr><td style="text-align:left">Log Likelihood</td><td>-380.3468</td><td>-363.8858</td></tr>
## <tr><td style="text-align:left">Akaike Inf. Crit.</td><td>764.6937</td><td>759.7716</td></tr>
## <tr><td colspan="3" style="border-bottom: 1px solid black"></td></tr><tr><td style="text-align:left"
## </table>
```

```
#Recode Trump Qualitative Code####
# Subset data for anyone who provided at least one reason for Trump to resist
# Recode reasons to dummy  variables in data set to get proportion
#of total respondents (147)
# Need to subset only for when tres11 is not NA,
#because any respondent in this proportion
# would have given a valid answer (not NA) to this question
table(dat$tres11)
```

```
##
##  Biden is Incompetent Democrats are Corrupt Democrats are Radical
##                     8                    30                    10
```

```
##     Distrust Election                Other         Support Trump
##                    36                   17                    59
##           Voter Fraud
##                    23
```

```
trumprea <- subset(dat, dat$tres11!="NA")

#Recode responses into categories as to why they support resistance
# Support Trump
trumprea$supportrump <- 0
trumprea$supportrump[trumprea$tres11=="Support Trump"] <- "Support Trump"
trumprea$supportrump[trumprea$tres22=="Support Trump"] <- "Support Trump"
trumprea$supportrump[trumprea$tres33=="Support Trump"] <- "Support Trump"
table(trumprea$supportrump)
```

```
##
##             0 Support Trump
##           119            64
```

```
prop.table(table(trumprea$supportrump))
```

```
##
##             0 Support Trump
##     0.6502732     0.3497268
```

```
# Democrats are radicals
trumprea$demrad <- 0
trumprea$demrad[trumprea$tres11=="Democrats are Radical"] <- "Democrats are Radicals"
trumprea$demrad[trumprea$tres22=="Democrats are Radical"] <- "Democrats are Radicals"
trumprea$demrad[trumprea$tres33=="Democrats are Radical"] <- "Democrats are Radicals"
table(trumprea$demrad)
```

```
##
##                      0 Democrats are Radicals
##                    169                      14
```

```
# Election Irregularities
trumprea$elecirreg <- 0
trumprea$elecirreg[trumprea$tres11=="Distrust Election"] <- "Election Irregularities"
trumprea$elecirreg[trumprea$tres22=="Distrust Election"] <- "Election Irregularities"
trumprea$elecirreg[trumprea$tres33=="Distrust Election"] <- "Election Irregularities"
table(trumprea$elecirreg)
```

```
##
##                       0 Election Irregularities
##                     142                      41
```

```
# Voter Fraud / Vote by Mail
trumprea$tmail <- 0
trumprea$tmail[trumprea$tres11=="Voter Fraud"] <- "Voter Fraud/Mail in Ballots"
trumprea$tmail[trumprea$tres22=="Voter Fraud"] <- "Voter Fraud/Mail in Ballots"
trumprea$tmail[trumprea$tres33=="Voter Fraud"] <- "Voter Fraud/Mail in Ballots"
table(trumprea$tmail)
```

```
##
##                          0 Voter Fraud/Mail in Ballots
##                        152                          31
```

```
# Democrats are Corrupt
trumprea$dcur <- 0
trumprea$dcur[trumprea$tres11=="Democrats are Corrupt"] <- "Democrats are Corrupt"
trumprea$dcur[trumprea$tres22=="Democrats are Corrupt"] <- "Democrats are Corrupt"
trumprea$dcur[trumprea$tres33=="Democrats are Corrupt"] <- "Democrats are Corrupt"
table(trumprea$dcur)
```

```
##
##                     0 Democrats are Corrupt
##                   144                    39
```

```
# Biden is incompetent
trumprea$binc <- 0
trumprea$binc[trumprea$tres11=="Biden is Incompetent"] <- "Biden is Incompetent"
trumprea$binc[trumprea$tres22=="Biden is Incompetent"] <- "Biden is Incompetent"
trumprea$binc[trumprea$tres33=="Biden is Incompetent"] <- "Biden is Incompetent"
table(trumprea$binc)
```

```
##
##                     0 Biden is Incompetent
##                   172                    11
```

```
# Other
trumprea$tother <- 0
trumprea$tother[trumprea$tres11=="Other"] <- "Other"
trumprea$tother[trumprea$tres22=="Other"] <- "Other"
trumprea$tother[trumprea$tres33=="Other"] <- "Other"
table(trumprea$tother)
```

```
##
##     0 Other
##   165    18
```

```
#### Number of Trump Respondents Giving Reason for Tables ####
table(trumprea$supportrump)
```

```
##
##             0 Support Trump
##           119              64
```

```
table(trumprea$demrad)
```

```
##
##                      0 Democrats are Radicals
##                    169                     14
```

```
table(trumprea$elecirreg)
```

```
##
##                       0 Election Irregularities
##                     142                      41
```

```
table(trumprea$tmail)
```

```
##
##                           0 Voter Fraud/Mail in Ballots
##                         152                           31
```

```r
table(trumprea$dcur)
```

```
##
##                     0 Democrats are Corrupt
##                   144                    39
```

```r
table(trumprea$binc)
```

```
##
##                     0 Biden is Incompetent
##                   172                    11
```

```r
table(trumprea$tother)
```

```
##
##     0 Other
##   165    18
```

```r
#### Proportions of Trump Respondents Giving Reason for Tables ####
prop.table(table(trumprea$supportrump))
```

```
##
##             0 Support Trump
##     0.6502732     0.3497268
```

```r
prop.table(table(trumprea$demrad))
```

```
##
##                      0 Democrats are Radicals
##             0.92349727             0.07650273
```

```r
prop.table(table(trumprea$elecirreg))
```

```
##
##                       0 Election Irregularities
##               0.7759563               0.2240437
```

```r
prop.table(table(trumprea$tmail))
```

```
##
##                           0 Voter Fraud/Mail in Ballots
##                    0.8306011                   0.1693989
```

```r
prop.table(table(trumprea$dcur))
```

```
##
##                     0 Democrats are Corrupt
##             0.7868852             0.2131148
```

```r
prop.table(table(trumprea$binc))
```

```
##
##                     0 Biden is Incompetent
##           0.93989071           0.06010929
```

```r
prop.table(table(trumprea$tother))
```

```
##
##          0      Other
## 0.90163934 0.09836066
```

```
####Recode Categories for general motivating theme ####
#partisanship and negative partisanship
trumprea$partisan <- NA
trumprea$partisan <- 0
trumprea$partisan[trumprea$supportrump=="Support Trump"] <- 1
trumprea$partisan[trumprea$demrad=="Democrats are Radicals"] <- 1
prop.table(table(trumprea$partisan))
```

```
##
##         0         1
## 0.6010929 0.3989071
```

```
#Concerns about election legitimacy
table(trumprea$partisan)
```

```
##
##   0   1
## 110  73
```

```
trumprea$electionconcerns <- NA
trumprea$electionconcerns <- 0
trumprea$electionconcerns[trumprea$elecirreg=="Election Irregularities"] <- 1
trumprea$electionconcerns[trumprea$tmail=="Voter Fraud/Mail in Ballots"] <- 1
prop.table(table(trumprea$electionconcerns))
```

```
##
##         0         1
## 0.6338798 0.3661202
```

```
table(trumprea$electionconcerns)
```

```
##
##   0   1
## 116  67
```

```
#other themes
trumprea$others <- NA
trumprea$others <- 0
trumprea$others[trumprea$tother=="Other"] <- 1
trumprea$others[trumprea$binc=="Biden is Incompetent"] <- 1
trumprea$others[trumprea$dcur=="Democrats are Corrupt"] <- 1
table(trumprea$others)
```

```
##
##   0   1
## 118  65
```

```
prop.table(table(trumprea$others))
```

```
##
##         0         1
## 0.6448087 0.3551913
```

```
#### t-test for misinformation and election concerns compared to partisan reason ####
t.test(trumprea$electionconcerns, trumprea$partisan, alternative = "greater",
       var.equal = FALSE)
```

```
##
```

```
##  Welch Two Sample t-test
##
## data:  trumprea$electionconcerns and trumprea$partisan
## t = -0.64392, df = 363.9, p-value = 0.74
## alternative hypothesis: true difference in means is greater than 0
## 95 percent confidence interval:
##  -0.1167529        Inf
## sample estimates:
## mean of x mean of y
## 0.3661202 0.3989071
```