Is a Picture Worth 280 Characters?

Experiment 3 (Appendix D)

Benjamin Norwood Harris

```
library(stargazer)
```

```
##
## Please cite as:
##  Hlavac, Marek (2022). stargazer: Well-Formatted Regression and Summary Statistics Tables.
##  R package version 5.2.3. https://CRAN.R-project.org/package=stargazer
```

```
library(lmtest)
```

```
## Loading required package: zoo
##
## Attaching package: 'zoo'
## The following objects are masked from 'package:base':
##
##     as.Date, as.Date.numeric
```

```
library(ggplot2)
library(stringr)
library(TOSTER)


#set WD and read in data.

setwd("/Users/harri/Dropbox (MIT)/Is a Picture Worth 280 Characters (Updated)/JEPS, Submission Folder, .
DF3 <-read.csv("Data, Experiment 3, November 2023.csv", fileEncoding = "UTF-8-BOM")
```

#Demographic Table Stats

```
### demographics

table(DF3$Q.Female)
```

```
##
##   0   1
## 849 898
```

```
length(na.omit(DF3$Q.Female[DF3$Q.Female==0]))/length(DF3$Q.Female)
```

```
## [1] 0.4735081
```

```
sum(na.omit(DF3$Q.Female))/length(DF3$Q.Female)
```

```
## [1] 0.5008366
```

```
sum(is.na(DF3$Q.Female))/length(DF3$Q.Female)
```

```
## [1] 0.02565533
```

```
sum(na.omit(DF3$Q.White))/length((DF3$Q.White))
```

```
## [1] 0.7361963
```

```
sum(na.omit(DF3$Q.Black))/length((DF3$Q.Black))
```

```
## [1] 0.1427775
```

```
sum(na.omit(DF3$Q.AIorAN))/length((DF3$Q.AIorAN))
```

```
## [1] 0.002788622
```

```
sum(na.omit(DF3$Q.Asian))/length((DF3$Q.Asian))
```

```
## [1] 0.05354155
```

```
sum(na.omit(DF3$Q.NHorPI))/length((DF3$Q.NHorPI))
```

```
## [1] 0.0005577245
```

```
sum(na.omit(DF3$Q.Hispanic))/length((DF3$Q.Hispanic))
```

```
## [1] 0.04629113
```

```
sum(na.omit(DF3$Q.Mixed))/length((DF3$Q.Mixed))
```

```
## [1] 0.01450084
```

```
sum(na.omit(DF3$Q.Other))/length((DF3$Q.Other))
```

```
## [1] 0.003346347
```

```
sum(na.omit(DF3$Q.Other_Mixed))/length((DF3$Q.Other_Mixed))
```

```
## [1] 0.01784718
```

```
sum(is.na(DF3$Q.Race))/length(DF3$Q.Race)
```

```
## [1] 0
```

```
summary(DF3$Q.Age)
```

```
##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
##    18.0    31.0    45.0    45.4    59.0    99.0       3
```

```
table(DF3$Q.Education)
```

```
##
##   1   2   3   4   5   6   7   8
##  10  19 209 380 199 625  52 299
```

```
sum((na.omit(DF3$Q.HighSchool)))/length((DF3$Q.HighSchool))
```

```
## [1] 0.983826
```

```
sum((na.omit(DF3$Q.Bach)))/length((DF3$Q.Bach))
```

```
## [1] 0.5443391
```

```
sum(is.na(DF3$Q.Education))/length(DF3$Q.Education)
```

```
## [1] 0
```

```
table(DF3$Q.Income)
```

```
##
##   1   2   3   4   5   6   7   8
## 207 329 300 297 190 143  91 236
```

```
length(na.omit(DF3$Q.Income[DF3$Q.Income==1]))/length(DF3$Q.Income)
```

```
## [1] 0.115449
```

```
length(na.omit(DF3$Q.Income[DF3$Q.Income==2]))/length(DF3$Q.Income)
```

```
## [1] 0.1834914
```

```
length(na.omit(DF3$Q.Income[DF3$Q.Income==3]))/length(DF3$Q.Income)
```

```
## [1] 0.1673173
```

```
length(na.omit(DF3$Q.Income[DF3$Q.Income==4]))/length(DF3$Q.Income)
```

```
## [1] 0.1656442
```

```
length(na.omit(DF3$Q.Income[DF3$Q.Income==5]))/length(DF3$Q.Income)
```

```
## [1] 0.1059677
```

```
length(na.omit(DF3$Q.Income[DF3$Q.Income==6]))/length(DF3$Q.Income)
```

```
## [1] 0.0797546
```

```
length(na.omit(DF3$Q.Income[DF3$Q.Income==7]))/length(DF3$Q.Income)
```

```
## [1] 0.05075293
```

```
length(na.omit(DF3$Q.Income[DF3$Q.Income==8]))/length(DF3$Q.Income)
```

```
## [1] 0.131623
```

```
sum(is.na(DF3$Q.Income))/length(DF3$Q.Income)
```

```
## [1] 0
```

```
table(DF3$Q.Political_ID)
```

```
##
##   1   2   3   4   5
## 315 596 434 339 109
```

```
sum(na.omit(DF3$Q.Liberal))/length((DF3$Q.Liberal))
```

```
## [1] 0.508087
```

```
sum(na.omit(DF3$Q.Moderate))/length((DF3$Q.Moderate))
```

```
## [1] 0.2420524
```

```
sum(na.omit(DF3$Q.Conservative))/length((DF3$Q.Conservative))
```

```
## [1] 0.2498606
```

```
sum(is.na(DF3$Q.Political_ID))/length(DF3$Q.Political_ID)
```

```
## [1] 0
```

```
table(DF3$Q.Veteran)
```

```
##
##    0    1
## 1675  118
```

```
length(na.omit(DF3$Q.Veteran[DF3$Q.Veteran==0]))/length(DF3$Q.Veteran)
```

```
## [1] 0.9341885
```

```
length(na.omit(DF3$Q.Veteran[DF3$Q.Veteran==1]))/length(DF3$Q.Veteran)
```

```
## [1] 0.06581149
```

```
sum(is.na(DF3$Q.Veteran))/length(DF3$Q.Veteran)
```

```
## [1] 0
```

```
#Twitter_Use

table(DF3$Q.Twitter_Use)
```

```
##
##   1   2   3   4   5
## 552 459 278 282 222
```

```
length(na.omit(DF3$Q.Twitter_Use[DF3$Q.Twitter_Use==1]))/length(DF3$Q.Twitter_Use)
```

```
## [1] 0.3078639
```

```
length(na.omit(DF3$Q.Twitter_Use[DF3$Q.Twitter_Use==2]))/length(DF3$Q.Twitter_Use)
```

```
## [1] 0.2559955
```

```
length(na.omit(DF3$Q.Twitter_Use[DF3$Q.Twitter_Use==3]))/length(DF3$Q.Twitter_Use)
```

```
## [1] 0.1550474
```

```
length(na.omit(DF3$Q.Twitter_Use[DF3$Q.Twitter_Use==4]))/length(DF3$Q.Twitter_Use)
```

```
## [1] 0.1572783
```

```
length(na.omit(DF3$Q.Twitter_Use[DF3$Q.Twitter_Use==5]))/length(DF3$Q.Twitter_Use)
```

```
## [1] 0.1238148
```

```
sum(is.na(DF3$Q.Twitter_Use))/length(DF3$Q.Twitter_Use)
```

```
## [1] 0
```

Analysis

Substantive Questions

```
#time for some regressions
```

```r
##DV: Nuclear Approval, IV: all three

## Model 1: No Demographics

NukeAppr_Form_1 <- Nuclear_Approval ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

NukeAppr_Form_5 <- Nuclear_Approval ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

NukeAppr_Form_7 <- Nuclear_Approval ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

NukeAppr_1 <- lm(NukeAppr_Form_1,
             data = DF3,
             na.action=na.omit)

NukeAppr_5 <- lm(NukeAppr_Form_5,
             data = DF3,
             na.action=na.omit)

NukeAppr_7 <- lm(NukeAppr_Form_7,
             data = DF3,
             na.action=na.omit)


stargazer(NukeAppr_1, NukeAppr_5, NukeAppr_7, title = "Prolific, Nuclear Approval", no.space = TRUE)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:27
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Nuclear Approval}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Nuclear\_Approval} \\
```

```
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.007 & $-$0.044 & $-$0.016 \\
##   & (0.075) & (0.074) & (0.074) \\
##   Long & 0.068 & 0.080 & 0.079 \\
##   & (0.075) & (0.074) & (0.074) \\
##   NukeAdv & 0.382$^{***}$ & 0.353$^{***}$ & 0.354$^{***}$ \\
##   & (0.075) & (0.074) & (0.074) \\
##   Q.Female &  & 0.143$^{*}$ & 0.126$^{*}$ \\
##   &  & (0.075) & (0.075) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.236$^{**}$ & 0.243$^{**}$ \\
##   &  & (0.109) & (0.108) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & $-$0.749 & $-$0.699 \\
##   &  & (0.771) & (0.772) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.092 & $-$0.046 \\
##   &  & (0.168) & (0.168) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & 0.203 & 0.202 \\
##   &  & (0.180) & (0.180) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.192 & 0.167 \\
##   &  & (0.317) & (0.317) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.218 & $-$0.245 \\
##   &  & (0.692) & (0.692) \\
##   Q.Age &  & 0.001 & 0.002 \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.246 &  \\
##   &  & (0.309) &  \\
##   Q.Bach &  & $-$0.215$^{***}$ & $-$0.219$^{***}$ \\
##   &  & (0.082) & (0.082) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.402$^{***}$ &  \\
##   &  & (0.124) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.073 &  \\
##   &  & (0.106) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$0.196$^{*}$ &  \\
##   &  & (0.113) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.033 &
##   &  & (0.119) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & $-$0.04
##   &  & (0.119) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & $-$0.0
##   &  & (0.114) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.056 &
##   &  & (0.105) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 1.020$^{***}$ &  \\
##   &  & (0.117) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.054 &  \\
##   &  & (0.105) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.050 &  \\
##   &  & (0.086) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.158
##   &  & (0.077) &  \\
##   Q.Income &  &  & 0.067$^{***}$ \\
##   &  &  & (0.018) \\
##   Q.Conservative &  &  & 0.518$^{***}$ \\
##   &  &  & (0.106) \\
```

```
##   Q.Liberal &  &  & $-$0.279$^{***}$ \\
##   &  &  & (0.092) \\
##   Q.Veteran &  & 0.171 & 0.162 \\
##   &  & (0.150) & (0.151) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.171$^{*}$ &  \\
##   &  & (0.091) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.158$^{*}$ &  \\
##   &  & (0.089) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.002 &  \\
##   &  & (0.085) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.074 &
##   &  & (0.089) &  \\
##   Q.Twitter\_Some &  &  & 0.217$^{***}$ \\
##   &  &  & (0.082) \\
##   Constant & 2.897$^{***}$ & 2.820$^{***}$ & 2.443$^{***}$ \\
##   & (0.075) & (0.330) & (0.181) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.015 & 0.093 & 0.078 \\
## Adjusted R$^{2}$ & 0.013 & 0.078 & 0.069 \\
## Residual Std. Error & 1.582 (df = 1789) & 1.524 (df = 1714) & 1.532 (df = 1726) \\
## F Statistic & 8.989$^{***}$ (df = 3; 1789) & 6.083$^{***}$ (df = 29; 1714) & 8.573$^{***}$ (df = 17;
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
summary(NukeAppr_5)
```

```
##
## Call:
## lm(formula = NukeAppr_Form_5, data = DF3, na.action = na.omit)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.4256 -1.2537 -0.0454  1.1346  3.7520
##
## Coefficients:
##                                                                    Estimate
## (Intercept)                                                        2.820134
## Newspaper                                                         -0.044406
## Long                                                               0.080273
## NukeAdv                                                            0.352612
## Q.Female                                                           0.143031
## relevel(as.factor(Q.Race), ref = 1)2                               0.235991
## relevel(as.factor(Q.Race), ref = 1)3                              -0.748911
## relevel(as.factor(Q.Race), ref = 1)4                              -0.092163
## relevel(as.factor(Q.Race), ref = 1)6                               0.203148
## relevel(as.factor(Q.Race), ref = 1)7                               0.191595
## relevel(as.factor(Q.Race), ref = 1)8                              -0.217767
## Q.Age                                                              0.001139
## Q.HighSchool                                                       0.245757
## Q.Bach                                                            -0.214527
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.402484
```

```
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.072805
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C -0.195916
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.032599
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5 -0.040145
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6 -0.068788
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.055949
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     1.019826
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    -0.054403
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.049622
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    -0.158057
## Q.Veteran                                                               0.170588
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.170675
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     -0.157525
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     -0.002379
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.073825
##                                                                        Std. Error
## (Intercept)                                                              0.329567
## Newspaper                                                                0.073732
## Long                                                                     0.073763
## NukeAdv                                                                  0.073791
## Q.Female                                                                 0.075402
## relevel(as.factor(Q.Race), ref = 1)2                                     0.108970
## relevel(as.factor(Q.Race), ref = 1)3                                     0.770616
## relevel(as.factor(Q.Race), ref = 1)4                                     0.167886
## relevel(as.factor(Q.Race), ref = 1)6                                     0.179563
## relevel(as.factor(Q.Race), ref = 1)7                                     0.316582
## relevel(as.factor(Q.Race), ref = 1)8                                     0.692027
## Q.Age                                                                    0.002495
## Q.HighSchool                                                             0.309072
## Q.Bach                                                                   0.082149
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   0.123929
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q   0.105591
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C   0.113215
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   0.119209
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   0.119068
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   0.114235
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   0.105315
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.116730
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.105473
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.086423
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.077097
## Q.Veteran                                                                0.150410
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       0.091395
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       0.089371
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       0.084745
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       0.088530
##                                                                        t value
## (Intercept)                                                              8.557
## Newspaper                                                               -0.602
## Long                                                                     1.088
## NukeAdv                                                                  4.779
## Q.Female                                                                 1.897
## relevel(as.factor(Q.Race), ref = 1)2                                     2.166
## relevel(as.factor(Q.Race), ref = 1)3                                    -0.972
```

```
## relevel(as.factor(Q.Race), ref = 1)4                                    -0.549
## relevel(as.factor(Q.Race), ref = 1)6                                     1.131
## relevel(as.factor(Q.Race), ref = 1)7                                     0.605
## relevel(as.factor(Q.Race), ref = 1)8                                    -0.315
## Q.Age                                                                    0.456
## Q.HighSchool                                                             0.795
## Q.Bach                                                                  -2.611
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   3.248
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q   0.690
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  -1.730
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   0.273
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  -0.337
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  -0.602
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   0.531
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      8.737
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     -0.516
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.574
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -2.050
## Q.Veteran                                                                1.134
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       1.867
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      -1.763
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      -0.028
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       0.834
##                                                                       Pr(>|t|)
## (Intercept)                                                           < 2e-16
## Newspaper                                                             0.54708
## Long                                                                  0.27663
## NukeAdv                                                              1.92e-06
## Q.Female                                                              0.05801
## relevel(as.factor(Q.Race), ref = 1)2                                  0.03048
## relevel(as.factor(Q.Race), ref = 1)3                                  0.33127
## relevel(as.factor(Q.Race), ref = 1)4                                  0.58311
## relevel(as.factor(Q.Race), ref = 1)6                                  0.25807
## relevel(as.factor(Q.Race), ref = 1)7                                  0.54513
## relevel(as.factor(Q.Race), ref = 1)8                                  0.75304
## Q.Age                                                                 0.64823
## Q.HighSchool                                                          0.42664
## Q.Bach                                                                0.00909
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L 0.00119
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q 0.49060
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C 0.08372
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4 0.78453
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5 0.73604
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6 0.54715
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7 0.59531
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    < 2e-16
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    0.60606
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C    0.56593
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    0.04050
## Q.Veteran                                                             0.25689
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.06201
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.07815
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.97761
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.40446
```

```
##
## (Intercept)                                                          ***
## Newspaper
## Long
## NukeAdv                                                              ***
## Q.Female                                                             .
## relevel(as.factor(Q.Race), ref = 1)2                                 *
## relevel(as.factor(Q.Race), ref = 1)3
## relevel(as.factor(Q.Race), ref = 1)4
## relevel(as.factor(Q.Race), ref = 1)6
## relevel(as.factor(Q.Race), ref = 1)7
## relevel(as.factor(Q.Race), ref = 1)8
## Q.Age
## Q.HighSchool
## Q.Bach                                                               **
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L **
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C .
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    ***
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    *
## Q.Veteran
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     .
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     .
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.524 on 1714 degrees of freedom
##   (49 observations deleted due to missingness)
## Multiple R-squared:  0.09332,    Adjusted R-squared:  0.07798
## F-statistic: 6.083 on 29 and 1714 DF,  p-value: < 2.2e-16
```

```r
#time for some regressions


##DV: Conventional Approval, IV: all three

## Model 1: No Demographics

ConvAppr_Form_1 <- Conv_Approval ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

ConvAppr_Form_5 <- Conv_Approval ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
```

```r
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

ConvAppr_Form_7 <- Conv_Approval ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

ConvAppr_1 <- lm(ConvAppr_Form_1,
              data = DF3,
              na.action=na.omit)

ConvAppr_5 <- lm(ConvAppr_Form_5,
              data = DF3,
              na.action=na.omit)

ConvAppr_7 <- lm(ConvAppr_Form_7,
              data = DF3,
              na.action=na.omit)


stargazer(ConvAppr_1, ConvAppr_5, ConvAppr_7, title = "Prolific, Conventional Approval", no.space = TRU
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:27
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Conventional Approval}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Conv\_Approval} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.023 & $-$0.025 & $-$0.005 \\
##   & (0.067) & (0.065) & (0.065) \\
##   Long & 0.089 & 0.074 & 0.084 \\
##   & (0.067) & (0.065) & (0.065) \\
##   NukeAdv & $-$0.313$^{***}$ & $-$0.326$^{***}$ & $-$0.311$^{***}$ \\
##   & (0.067) & (0.065) & (0.065) \\
##   Q.Female &  & $-$0.427$^{***}$ & $-$0.432$^{***}$ \\
##   &  & (0.066) & (0.066) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & $-$0.377$^{***}$ & $-$0.361$^{***}$ \\
##   &  & (0.096) & (0.095) \\
```

```
##   relevel(as.factor(Q.Race), ref = 1)3 &  & $-$0.834 & $-$0.728 \\
##   &  & (0.679) & (0.680) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.465$^{***}$ & $-$0.429$^{***}$ \\
##   &  & (0.148) & (0.148) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.213 & $-$0.212 \\
##   &  & (0.158) & (0.158) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.414 & 0.397 \\
##   &  & (0.279) & (0.279) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.540 & $-$0.437 \\
##   &  & (0.609) & (0.609) \\
##   Q.Age &  & 0.015$^{***}$ & 0.015$^{***}$ \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.297 &  \\
##   &  & (0.272) &  \\
##   Q.Bach &  & 0.096 & 0.099 \\
##   &  & (0.072) & (0.072) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.246$^{**}$ &  \\
##   &  & (0.109) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & $-$0.024 &  \\
##   &  & (0.093) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & 0.043 &  \\
##   &  & (0.100) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.062 &
##   &  & (0.105) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.009 &
##   &  & (0.105) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.177$
##   &  & (0.101) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & $-$0.0
##   &  & (0.093) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.580$^{***}$ &  \\
##   &  & (0.103) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.003 &  \\
##   &  & (0.093) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.116 &  \\
##   &  & (0.076) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.132
##   &  & (0.068) &  \\
##   Q.Income &  &  & 0.047$^{***}$ \\
##   &  &  & (0.016) \\
##   Q.Conservative &  &  & 0.324$^{***}$ \\
##   &  &  & (0.093) \\
##   Q.Liberal &  &  & $-$0.069 \\
##   &  &  & (0.081) \\
##   Q.Veteran &  & $-$0.079 & $-$0.065 \\
##   &  & (0.132) & (0.132) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.103 &  \\
##   &  & (0.080) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.030 &  \\
##   &  & (0.079) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.091 &  \\
##   &  & (0.075) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.144$^{*
##   &  & (0.078) &  \\
```

```
##   Q.Twitter\_Some &  &  & 0.065 \\
##   &  &  & (0.072) \\
##   Constant & 4.057$^{***}$ & 3.450$^{***}$ & 3.344$^{***}$ \\
##   & (0.067) & (0.290) & (0.159) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.013 & 0.132 & 0.119 \\
## Adjusted R$^{2}$ & 0.011 & 0.117 & 0.110 \\
## Residual Std. Error & 1.428 (df = 1789) & 1.342 (df = 1714) & 1.348 (df = 1726) \\
## F Statistic & 7.804$^{***}$ (df = 3; 1789) & 8.999$^{***}$ (df = 29; 1714) & 13.664$^{***}$ (df = 17
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
summary(ConvAppr_5)
```

```
##
## Call:
## lm(formula = ConvAppr_Form_5, data = DF3, na.action = na.omit)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.9239 -0.8505  0.1360  0.9844  3.1694
##
## Coefficients:
##                                                                    Estimate
## (Intercept)                                                        3.450233
## Newspaper                                                         -0.025471
## Long                                                               0.074358
## NukeAdv                                                           -0.325591
## Q.Female                                                          -0.426664
## relevel(as.factor(Q.Race), ref = 1)2                              -0.377382
## relevel(as.factor(Q.Race), ref = 1)3                              -0.834047
## relevel(as.factor(Q.Race), ref = 1)4                              -0.465333
## relevel(as.factor(Q.Race), ref = 1)6                              -0.213113
## relevel(as.factor(Q.Race), ref = 1)7                               0.414179
## relevel(as.factor(Q.Race), ref = 1)8                              -0.539718
## Q.Age                                                              0.015145
## Q.HighSchool                                                       0.297064
## Q.Bach                                                             0.096113
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.246017
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q -0.024043
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.042846
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.062029
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.009054
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.177152
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7 -0.031160
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.579982
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    -0.003215
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.115747
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    -0.132226
## Q.Veteran                                                         -0.078968
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.103100
```

```
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.029628
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.090970
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.144279
##                                                                       Std. Error
## (Intercept)                                                             0.290184
## Newspaper                                                               0.064922
## Long                                                                    0.064948
## NukeAdv                                                                 0.064973
## Q.Female                                                                0.066392
## relevel(as.factor(Q.Race), ref = 1)2                                    0.095948
## relevel(as.factor(Q.Race), ref = 1)3                                    0.678529
## relevel(as.factor(Q.Race), ref = 1)4                                    0.147824
## relevel(as.factor(Q.Race), ref = 1)6                                    0.158105
## relevel(as.factor(Q.Race), ref = 1)7                                    0.278751
## relevel(as.factor(Q.Race), ref = 1)8                                    0.609331
## Q.Age                                                                   0.002197
## Q.HighSchool                                                            0.272138
## Q.Bach                                                                  0.072332
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   0.109119
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q   0.092973
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C   0.099686
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   0.104963
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   0.104840
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   0.100584
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   0.092730
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.102781
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.092869
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.076096
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.067884
## Q.Veteran                                                               0.132437
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.080473
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.078691
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.074618
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.077951
##                                                                       t value
## (Intercept)                                                            11.890
## Newspaper                                                              -0.392
## Long                                                                    1.145
## NukeAdv                                                                -5.011
## Q.Female                                                               -6.426
## relevel(as.factor(Q.Race), ref = 1)2                                   -3.933
## relevel(as.factor(Q.Race), ref = 1)3                                   -1.229
## relevel(as.factor(Q.Race), ref = 1)4                                   -3.148
## relevel(as.factor(Q.Race), ref = 1)6                                   -1.348
## relevel(as.factor(Q.Race), ref = 1)7                                    1.486
## relevel(as.factor(Q.Race), ref = 1)8                                   -0.886
## Q.Age                                                                   6.893
## Q.HighSchool                                                            1.092
## Q.Bach                                                                  1.329
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   2.255
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  -0.259
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C   0.430
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   0.591
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   0.086
```

```
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   1.761
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  -0.336
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      5.643
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     -0.035
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      1.521
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -1.948
## Q.Veteran                                                               -0.596
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       1.281
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       0.377
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       1.219
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       1.851
##                                                                      Pr(>|t|)
## (Intercept)                                                           < 2e-16
## Newspaper                                                             0.69487
## Long                                                                  0.25242
## NukeAdv                                                              5.97e-07
## Q.Female                                                             1.69e-10
## relevel(as.factor(Q.Race), ref = 1)2                                 8.72e-05
## relevel(as.factor(Q.Race), ref = 1)3                                  0.21917
## relevel(as.factor(Q.Race), ref = 1)4                                  0.00167
## relevel(as.factor(Q.Race), ref = 1)6                                  0.17786
## relevel(as.factor(Q.Race), ref = 1)7                                  0.13751
## relevel(as.factor(Q.Race), ref = 1)8                                  0.37587
## Q.Age                                                                7.63e-12
## Q.HighSchool                                                          0.27517
## Q.Bach                                                                0.18410
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.02429
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.79597
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.66739
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.55463
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.93119
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.07838
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.73689
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    1.95e-08
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.97239
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.12843
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.05160
## Q.Veteran                                                              0.55107
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.20031
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.70658
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.22296
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.06435
##
## (Intercept)                                                           ***
## Newspaper
## Long
## NukeAdv                                                               ***
## Q.Female                                                              ***
## relevel(as.factor(Q.Race), ref = 1)2                                  ***
## relevel(as.factor(Q.Race), ref = 1)3
## relevel(as.factor(Q.Race), ref = 1)4                                  **
## relevel(as.factor(Q.Race), ref = 1)6
## relevel(as.factor(Q.Race), ref = 1)7
## relevel(as.factor(Q.Race), ref = 1)8
```

```
## Q.Age                                                                  ***
## Q.HighSchool
## Q.Bach
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L *
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6 .
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    ***
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    .
## Q.Veteran
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.342 on 1714 degrees of freedom
##   (49 observations deleted due to missingness)
## Multiple R-squared:  0.1321, Adjusted R-squared:  0.1175
## F-statistic: 8.999 on 29 and 1714 DF,  p-value: < 2.2e-16
```

```r
#time for some regressions


##DV: Choice , IV: all three

## Model 1: No Demographics

Choice_Form_1 <- Choice ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

Choice_Form_5 <- Choice ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Choice_Form_7 <- Choice ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some
```

```r
#regression

Choice_1 <- lm(Choice_Form_1,
               data = DF3,
               na.action=na.omit)

Choice_5 <- lm(Choice_Form_5,
               data = DF3,
               na.action=na.omit)

Choice_7 <- lm(Choice_Form_7,
               data = DF3,
               na.action=na.omit)


stargazer(Choice_1, Choice_5, Choice_7, title = "Prolific, Choice", no.space = TRUE)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:28
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Choice}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Choice} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.023 & $-$0.044 & $-$0.035 \\
##   & (0.043) & (0.044) & (0.043) \\
##   Long & $-$0.003 & 0.005 & 0.004 \\
##   & (0.043) & (0.044) & (0.043) \\
##   NukeAdv & 0.695$^{***}$ & 0.690$^{***}$ & 0.689$^{***}$ \\
##   & (0.043) & (0.044) & (0.043) \\
##   Q.Female &  & 0.138$^{***}$ & 0.131$^{***}$ \\
##   &  & (0.045) & (0.044) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.184$^{***}$ & 0.191$^{***}$ \\
##   &  & (0.065) & (0.064) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & $-$0.199 & $-$0.228 \\
##   &  & (0.457) & (0.455) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & 0.086 & 0.091 \\
##   &  & (0.099) & (0.099) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & 0.177$^{*}$ & 0.173 \\
##   &  & (0.106) & (0.106) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & $-$0.043 & $-$0.053 \\
##   &  & (0.188) & (0.187) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.278 & $-$0.325 \\
##   &  & (0.410) & (0.408) \\
##   Q.Age &  & $-$0.005$^{***}$ & $-$0.005$^{***}$ \\
##   &  & (0.001) & (0.001) \\
```

```
##   Q.HighSchool &  & $-$0.050 &  \\
##   &  & (0.183) &  \\
##   Q.Bach &  & $-$0.054 & $-$0.055 \\
##   &  & (0.049) & (0.048) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.152$^{**}$ &  \\
##   &  & (0.073) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.015 &  \\
##   &  & (0.063) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$0.091 &  \\
##   &  & (0.067) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & $-$0.0
##   &  & (0.071) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.028 &
##   &  & (0.071) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & $-$0.05
##   &  & (0.068) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.053 &
##   &  & (0.062) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.341$^{***}$ &  \\
##   &  & (0.069) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.056 &  \\
##   &  & (0.062) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.013 &  \\
##   &  & (0.051) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.041
##   &  & (0.046) &  \\
##   Q.Income &  &  & 0.023$^{**}$ \\
##   &  &  & (0.011) \\
##   Q.Conservative &  &  & 0.196$^{***}$ \\
##   &  &  & (0.063) \\
##   Q.Liberal &  &  & $-$0.068 \\
##   &  &  & (0.054) \\
##   Q.Veteran &  & 0.184$^{**}$ & 0.178$^{**}$ \\
##   &  & (0.089) & (0.089) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.044 &  \\
##   &  & (0.054) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.046 &  \\
##   &  & (0.053) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.043 &  \\
##   &  & (0.050) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.022 &
##   &  & (0.052) &  \\
##   Q.Twitter\_Some &  &  & 0.047 \\
##   &  &  & (0.048) \\
##   Constant & 1.634$^{***}$ & 1.927$^{***}$ & 1.662$^{***}$ \\
##   & (0.043) & (0.195) & (0.107) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.127 & 0.164 & 0.159 \\
## Adjusted R$^{2}$ & 0.125 & 0.150 & 0.151 \\
## Residual Std. Error & 0.915 (df = 1789) & 0.903 (df = 1714) & 0.903 (df = 1726) \\
## F Statistic & 86.397$^{***}$ (df = 3; 1789) & 11.571$^{***}$ (df = 29; 1714) & 19.178$^{***}$ (df =
## \hline
## \hline \\[-1.8ex]
```

```
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
summary(Choice_5)
```

```
##
## Call:
## lm(formula = Choice_Form_5, data = DF3, na.action = na.omit)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -1.8579 -0.6300 -0.2308  0.5947  2.5388
##
## Coefficients:
##                                                                    Estimate
## (Intercept)                                                        1.926538
## Newspaper                                                         -0.043838
## Long                                                               0.005126
## NukeAdv                                                            0.690096
## Q.Female                                                           0.137706
## relevel(as.factor(Q.Race), ref = 1)2                               0.184109
## relevel(as.factor(Q.Race), ref = 1)3                              -0.198750
## relevel(as.factor(Q.Race), ref = 1)4                               0.085538
## relevel(as.factor(Q.Race), ref = 1)6                               0.177442
## relevel(as.factor(Q.Race), ref = 1)7                              -0.043301
## relevel(as.factor(Q.Race), ref = 1)8                              -0.277718
## Q.Age                                                             -0.005489
## Q.HighSchool                                                      -0.050191
## Q.Bach                                                            -0.053976
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.152179
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.015152
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C -0.091012
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4 -0.025039
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.028348
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6 -0.051171
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.052876
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.340943
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.055650
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.012959
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    -0.040694
## Q.Veteran                                                          0.183674
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.044055
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    -0.045604
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C    -0.042825
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    -0.021861
##                                                                    Std. Error
## (Intercept)                                                          0.195276
## Newspaper                                                            0.043688
## Long                                                                 0.043706
## NukeAdv                                                              0.043723
## Q.Female                                                             0.044677
## relevel(as.factor(Q.Race), ref = 1)2                                 0.064567
## relevel(as.factor(Q.Race), ref = 1)3                                 0.456606
## relevel(as.factor(Q.Race), ref = 1)4                                 0.099476
```

```
## relevel(as.factor(Q.Race), ref = 1)6                                    0.106395
## relevel(as.factor(Q.Race), ref = 1)7                                    0.187582
## relevel(as.factor(Q.Race), ref = 1)8                                    0.410041
## Q.Age                                                                   0.001478
## Q.HighSchool                                                            0.183132
## Q.Bach                                                                  0.048675
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.073430
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.062565
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.067082
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.070634
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.070550
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.067686
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.062401
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.069165
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.062495
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.051208
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.045681
## Q.Veteran                                                               0.089121
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.054153
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.052954
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.050213
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.052456
##                                                                        t value
## (Intercept)                                                              9.866
## Newspaper                                                               -1.003
## Long                                                                     0.117
## NukeAdv                                                                 15.783
## Q.Female                                                                 3.082
## relevel(as.factor(Q.Race), ref = 1)2                                     2.851
## relevel(as.factor(Q.Race), ref = 1)3                                    -0.435
## relevel(as.factor(Q.Race), ref = 1)4                                     0.860
## relevel(as.factor(Q.Race), ref = 1)6                                     1.668
## relevel(as.factor(Q.Race), ref = 1)7                                    -0.231
## relevel(as.factor(Q.Race), ref = 1)8                                    -0.677
## Q.Age                                                                   -3.713
## Q.HighSchool                                                            -0.274
## Q.Bach                                                                  -1.109
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   2.072
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q   0.242
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  -1.357
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  -0.354
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   0.402
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  -0.756
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   0.847
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      4.929
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.890
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.253
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -0.891
## Q.Veteran                                                                2.061
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       0.814
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      -0.861
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      -0.853
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      -0.417
##                                                                        Pr(>|t|)
```

```
## (Intercept)                                                          < 2e-16
## Newspaper                                                           0.315789
## Long                                                                0.906641
## NukeAdv                                                              < 2e-16
## Q.Female                                                            0.002087
## relevel(as.factor(Q.Race), ref = 1)2                                0.004404
## relevel(as.factor(Q.Race), ref = 1)3                                0.663417
## relevel(as.factor(Q.Race), ref = 1)4                                0.389975
## relevel(as.factor(Q.Race), ref = 1)6                                0.095544
## relevel(as.factor(Q.Race), ref = 1)7                                0.817470
## relevel(as.factor(Q.Race), ref = 1)8                                0.498311
## Q.Age                                                               0.000211
## Q.HighSchool                                                        0.784062
## Q.Bach                                                              0.267629
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L 0.038374
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q 0.808663
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C 0.175047
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4 0.723018
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5 0.687869
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6 0.449754
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7 0.396914
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    9.04e-07
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    0.373338
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C    0.800249
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    0.373155
## Q.Veteran                                                           0.039459
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.416027
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.389246
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.393855
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.676906
##
## (Intercept)                                                          ***
## Newspaper
## Long
## NukeAdv                                                              ***
## Q.Female                                                             **
## relevel(as.factor(Q.Race), ref = 1)2                                 **
## relevel(as.factor(Q.Race), ref = 1)3
## relevel(as.factor(Q.Race), ref = 1)4
## relevel(as.factor(Q.Race), ref = 1)6                                 .
## relevel(as.factor(Q.Race), ref = 1)7
## relevel(as.factor(Q.Race), ref = 1)8
## Q.Age                                                                ***
## Q.HighSchool
## Q.Bach
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L *
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    ***
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
```

```
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## Q.Veteran                                                          *
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.9032 on 1714 degrees of freedom
##   (49 observations deleted due to missingness)
## Multiple R-squared:  0.1637, Adjusted R-squared:  0.1496
## F-statistic: 11.57 on 29 and 1714 DF,  p-value: < 2.2e-16
```

Experiential

```
#time for some regressions


##DV: Interest , IV: all three

## Model 1: No Demographics

Interest_Form_1 <- Interest ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

Interest_Form_5 <- Interest ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Interest_Form_7 <- Interest ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Interest_1 <- lm(Interest_Form_1,
             data = DF3,
             na.action=na.omit)

Interest_5 <- lm(Interest_Form_5,
             data = DF3,
             na.action=na.omit)
```

```r
Interest_7 <- lm(Interest_Form_7,
             data = DF3,
             na.action=na.omit)


stargazer(Interest_1, Interest_5, Interest_7, title = "Prolific, Interest", no.space = TRUE)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:28
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Interest}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Interest} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.029 & $-$0.022 & $-$0.013 \\
##   & (0.048) & (0.047) & (0.047) \\
##   Long & 0.030 & $-$0.007 & 0.009 \\
##   & (0.048) & (0.047) & (0.047) \\
##   NukeAdv & 0.074 & 0.096$^{**}$ & 0.111$^{**}$ \\
##   & (0.048) & (0.047) & (0.047) \\
##   Q.Female &  & $-$0.333$^{***}$ & $-$0.345$^{***}$ \\
##   &  & (0.048) & (0.048) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & $-$0.304$^{***}$ & $-$0.274$^{***}$ \\
##   &  & (0.070) & (0.069) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 0.406 & 0.352 \\
##   &  & (0.493) & (0.493) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.062 & $-$0.080 \\
##   &  & (0.107) & (0.107) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.037 & $-$0.037 \\
##   &  & (0.115) & (0.115) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.166 & 0.150 \\
##   &  & (0.203) & (0.203) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & 0.179 & 0.203 \\
##   &  & (0.443) & (0.442) \\
##   Q.Age &  & 0.012$^{***}$ & 0.012$^{***}$ \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.065 &  \\
##   &  & (0.198) &  \\
##   Q.Bach &  & $-$0.082 & $-$0.070 \\
##   &  & (0.053) & (0.052) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.105 &  \\
##   &  & (0.079) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & $-$0.108 &  \\
##   &  & (0.068) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & 0.101 &  \\
##   &  & (0.072) &  \\
```

```
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & $-$0.0
##   &  & (0.076) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.154$
##   &  & (0.076) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.061 &
##   &  & (0.073) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.065 &
##   &  & (0.067) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & $-$0.088 &  \\
##   &  & (0.075) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.214$^{***}$ &  \\
##   &  & (0.068) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.120$^{**}$ &  \\
##   &  & (0.055) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.073
##   &  & (0.049) &  \\
##   Q.Income &  &  & 0.020$^{*}$ \\
##   &  &  & (0.012) \\
##   Q.Conservative &  &  & 0.110 \\
##   &  &  & (0.068) \\
##   Q.Liberal &  &  & 0.269$^{***}$ \\
##   &  &  & (0.059) \\
##   Q.Veteran &  & 0.057 & 0.056 \\
##   &  & (0.096) & (0.096) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.258$^{***}$ &  \\
##   &  & (0.059) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.057 &  \\
##   &  & (0.057) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.034 &  \\
##   &  & (0.054) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.037 &
##   &  & (0.057) &  \\
##   Q.Twitter\_Some &  &  & 0.222$^{***}$ \\
##   &  &  & (0.052) \\
##   Constant & 4.126$^{***}$ & 3.806$^{***}$ & 3.415$^{***}$ \\
##   & (0.048) & (0.211) & (0.116) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.002 & 0.100 & 0.089 \\
## Adjusted R$^{2}$ & 0.0001 & 0.085 & 0.080 \\
## Residual Std. Error & 1.016 (df = 1789) & 0.976 (df = 1714) & 0.979 (df = 1726) \\
## F Statistic & 1.044 (df = 3; 1789) & 6.552$^{***}$ (df = 29; 1714) & 9.884$^{***}$ (df = 17; 1726) \
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
summary(Interest_5)
```

```
##
## Call:
## lm(formula = Interest_Form_5, data = DF3, na.action = na.omit)
##
## Residuals:
```

```
##     Min      1Q  Median      3Q     Max
## -3.7182 -0.3772  0.2002  0.6984  1.8525
##
## Coefficients:
##                                                                                 Estimate
## (Intercept)                                                                     3.806449
## Newspaper                                                                      -0.022133
## Long                                                                           -0.006501
## NukeAdv                                                                         0.096173
## Q.Female                                                                       -0.332954
## relevel(as.factor(Q.Race), ref = 1)2                                           -0.304471
## relevel(as.factor(Q.Race), ref = 1)3                                            0.406216
## relevel(as.factor(Q.Race), ref = 1)4                                           -0.062412
## relevel(as.factor(Q.Race), ref = 1)6                                           -0.036501
## relevel(as.factor(Q.Race), ref = 1)7                                            0.165901
## relevel(as.factor(Q.Race), ref = 1)8                                            0.178556
## Q.Age                                                                           0.012140
## Q.HighSchool                                                                    0.065119
## Q.Bach                                                                         -0.081950
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.105363
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q -0.107561
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.101393
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4 -0.004242
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.154339
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.061243
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.064980
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    -0.087830
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.213693
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.119832
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    -0.072611
## Q.Veteran                                                               0.057408
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.257630
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     -0.056646
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.034166
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.036841
##                                                                        Std. Error
## (Intercept)                                                              0.211008
## Newspaper                                                                0.047208
## Long                                                                     0.047227
## NukeAdv                                                                  0.047245
## Q.Female                                                                 0.048277
## relevel(as.factor(Q.Race), ref = 1)2                                     0.069769
## relevel(as.factor(Q.Race), ref = 1)3                                     0.493394
## relevel(as.factor(Q.Race), ref = 1)4                                     0.107491
## relevel(as.factor(Q.Race), ref = 1)6                                     0.114967
## relevel(as.factor(Q.Race), ref = 1)7                                     0.202694
## relevel(as.factor(Q.Race), ref = 1)8                                     0.443076
## Q.Age                                                                    0.001598
## Q.HighSchool                                                             0.197886
## Q.Bach                                                                   0.052596
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   0.079346
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q   0.067605
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C   0.072487
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   0.076324
```

```
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   0.076234
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   0.073140
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   0.067429
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.074737
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.067530
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.055333
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.049362
## Q.Veteran                                                                0.096302
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       0.058516
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       0.057221
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       0.054259
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       0.056682
##                                                                         t value
## (Intercept)                                                              18.039
## Newspaper                                                                -0.469
## Long                                                                     -0.138
## NukeAdv                                                                   2.036
## Q.Female                                                                 -6.897
## relevel(as.factor(Q.Race), ref = 1)2                                     -4.364
## relevel(as.factor(Q.Race), ref = 1)3                                      0.823
## relevel(as.factor(Q.Race), ref = 1)4                                     -0.581
## relevel(as.factor(Q.Race), ref = 1)6                                     -0.317
## relevel(as.factor(Q.Race), ref = 1)7                                      0.818
## relevel(as.factor(Q.Race), ref = 1)8                                      0.403
## Q.Age                                                                     7.599
## Q.HighSchool                                                              0.329
## Q.Bach                                                                   -1.558
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   1.328
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  -1.591
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C   1.399
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  -0.056
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   2.025
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   0.837
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   0.964
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     -1.175
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      3.164
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      2.166
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -1.471
## Q.Veteran                                                                0.596
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       4.403
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      -0.990
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       0.630
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       0.650
##                                                                        Pr(>|t|)
## (Intercept)                                                             < 2e-16
## Newspaper                                                               0.63924
## Long                                                                    0.89052
## NukeAdv                                                                 0.04194
## Q.Female                                                               7.46e-12
## relevel(as.factor(Q.Race), ref = 1)2                                   1.35e-05
## relevel(as.factor(Q.Race), ref = 1)3                                    0.41045
## relevel(as.factor(Q.Race), ref = 1)4                                    0.56157
## relevel(as.factor(Q.Race), ref = 1)6                                    0.75091
## relevel(as.factor(Q.Race), ref = 1)7                                    0.41320
```

```
## relevel(as.factor(Q.Race), ref = 1)8                                    0.68700
## Q.Age                                                                  4.88e-14
## Q.HighSchool                                                            0.74214
## Q.Bach                                                                  0.11939
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.18439
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.11179
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.16206
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.95569
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.04307
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.40251
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.33534
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.24008
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.00158
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.03048
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.14147
## Q.Veteran                                                               0.55117
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     1.14e-05
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.32234
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.52898
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.51580
##
## (Intercept)                                                            ***
## Newspaper
## Long
## NukeAdv                                                                *
## Q.Female                                                               ***
## relevel(as.factor(Q.Race), ref = 1)2                                   ***
## relevel(as.factor(Q.Race), ref = 1)3
## relevel(as.factor(Q.Race), ref = 1)4
## relevel(as.factor(Q.Race), ref = 1)6
## relevel(as.factor(Q.Race), ref = 1)7
## relevel(as.factor(Q.Race), ref = 1)8
## Q.Age                                                                  ***
## Q.HighSchool
## Q.Bach
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5 *
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    **
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C    *
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## Q.Veteran
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     ***
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
```

```
## Residual standard error: 0.976 on 1714 degrees of freedom
##   (49 observations deleted due to missingness)
## Multiple R-squared:  0.0998, Adjusted R-squared:  0.08457
## F-statistic: 6.552 on 29 and 1714 DF,  p-value: < 2.2e-16
```

```
#time for some regressions


##DV: Enjoyment , IV: all three

## Model 1: No Demographics

Enjoyment_Form_1 <- Enjoyment ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

Enjoyment_Form_5 <- Enjoyment ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Enjoyment_Form_7 <- Enjoyment ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Enjoyment_1 <- lm(Enjoyment_Form_1,
             data = DF3,
             na.action=na.omit)

Enjoyment_5 <- lm(Enjoyment_Form_5,
             data = DF3,
             na.action=na.omit)

Enjoyment_7 <- lm(Enjoyment_Form_7,
             data = DF3,
             na.action=na.omit)


stargazer(Enjoyment_1, Enjoyment_5, Enjoyment_7, title = "Prolific, Enjoyment", no.space = TRUE)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:28
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Enjoyment}
```

```
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Enjoyment} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.032 & $-$0.055 & $-$0.030 \\
##   & (0.053) & (0.051) & (0.051) \\
##   Long & $-$0.013 & $-$0.027 & $-$0.011 \\
##   & (0.053) & (0.051) & (0.052) \\
##   NukeAdv & $-$0.031 & $-$0.036 & $-$0.015 \\
##   & (0.053) & (0.051) & (0.051) \\
##   Q.Female &  & $-$0.436$^{***}$ & $-$0.466$^{***}$ \\
##   &  & (0.053) & (0.052) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.187$^{**}$ & 0.222$^{***}$ \\
##   &  & (0.076) & (0.076) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 1.136$^{**}$ & 1.180$^{**}$ \\
##   &  & (0.537) & (0.539) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.312$^{***}$ & $-$0.346$^{***}$ \\
##   &  & (0.117) & (0.117) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.038 & $-$0.044 \\
##   &  & (0.125) & (0.126) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.104 & 0.084 \\
##   &  & (0.221) & (0.222) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.387 & $-$0.269 \\
##   &  & (0.483) & (0.483) \\
##   Q.Age &  & $-$0.003 & $-$0.003 \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.181 &  \\
##   &  & (0.216) &  \\
##   Q.Bach &  & $-$0.096$^{*}$ & $-$0.085 \\
##   &  & (0.057) & (0.057) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.440$^{***}$ &  \\
##   &  & (0.086) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.093 &  \\
##   &  & (0.074) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$0.039 &  \\
##   &  & (0.079) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & $-$0.13
##   &  & (0.083) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & $-$0.15
##   &  & (0.083) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.018 &
##   &  & (0.080) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.099 &
##   &  & (0.073) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.422$^{***}$ &  \\
##   &  & (0.081) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.132$^{*}$ &  \\
##   &  & (0.074) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.045 &  \\
```

```
##   &  & (0.060) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.050 &
##   &  & (0.054) &  \\
##   Q.Income &  &  & 0.069$^{***}$ \\
##   &  &  & (0.013) \\
##   Q.Conservative &  &  & 0.184$^{**}$ \\
##   &  &  & (0.074) \\
##   Q.Liberal &  &  & $-$0.113$^{*}$ \\
##   &  &  & (0.064) \\
##   Q.Veteran &  & 0.021 & 0.015 \\
##   &  & (0.105) & (0.105) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.329$^{***}$ &  \\
##   &  & (0.064) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.031 &  \\
##   &  & (0.062) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.091 &  \\
##   &  & (0.059) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.020 &
##   &  & (0.062) &  \\
##   Q.Twitter\_Some &  &  & 0.210$^{***}$ \\
##   &  &  & (0.057) \\
##   Constant & 2.984$^{***}$ & 3.363$^{***}$ & 2.949$^{***}$ \\
##   & (0.053) & (0.230) & (0.127) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.0004 & 0.121 & 0.104 \\
## Adjusted R$^{2}$ & $-$0.001 & 0.106 & 0.095 \\
## Residual Std. Error & 1.123 (df = 1789) & 1.063 (df = 1714) & 1.070 (df = 1726) \\
## F Statistic & 0.255 (df = 3; 1789) & 8.125$^{***}$ (df = 29; 1714) & 11.757$^{***}$ (df = 17; 1726) \
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
summary(Enjoyment_5)
```

```
##
## Call:
## lm(formula = Enjoyment_Form_5, data = DF3, na.action = na.omit)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.83248 -0.72858  0.02635  0.68409  2.71013
##
## Coefficients:
##                                                                    Estimate
## (Intercept)                                                         3.36324
## Newspaper                                                          -0.05471
## Long                                                               -0.02663
## NukeAdv                                                            -0.03574
## Q.Female                                                           -0.43567
## relevel(as.factor(Q.Race), ref = 1)2                                0.18668
## relevel(as.factor(Q.Race), ref = 1)3                                1.13623
## relevel(as.factor(Q.Race), ref = 1)4                               -0.31217
```

```
## relevel(as.factor(Q.Race), ref = 1)6                                    -0.03757
## relevel(as.factor(Q.Race), ref = 1)7                                     0.10392
## relevel(as.factor(Q.Race), ref = 1)8                                    -0.38727
## Q.Age                                                                   -0.00252
## Q.HighSchool                                                             0.18149
## Q.Bach                                                                  -0.09636
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.43965
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.09324
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C -0.03899
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4 -0.12986
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5 -0.15278
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.01760
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.09880
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.42158
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.13154
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.04488
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.05006
## Q.Veteran                                                               0.02087
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.32853
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     -0.03089
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     -0.09106
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -0.01984
##                                                                        Std. Error
## (Intercept)                                                               0.22987
## Newspaper                                                                 0.05143
## Long                                                                      0.05145
## NukeAdv                                                                   0.05147
## Q.Female                                                                  0.05259
## relevel(as.factor(Q.Race), ref = 1)2                                      0.07601
## relevel(as.factor(Q.Race), ref = 1)3                                      0.53749
## relevel(as.factor(Q.Race), ref = 1)4                                      0.11710
## relevel(as.factor(Q.Race), ref = 1)6                                      0.12524
## relevel(as.factor(Q.Race), ref = 1)7                                      0.22081
## relevel(as.factor(Q.Race), ref = 1)8                                      0.48268
## Q.Age                                                                     0.00174
## Q.HighSchool                                                              0.21557
## Q.Bach                                                                    0.05730
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L    0.08644
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q    0.07365
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C    0.07897
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4    0.08315
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5    0.08305
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6    0.07968
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7    0.07346
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       0.08142
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       0.07357
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       0.06028
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       0.05377
## Q.Veteran                                                                 0.10491
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L        0.06375
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q        0.06234
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C        0.05911
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4        0.06175
##                                                                        t value
```

```
## (Intercept)                                                          14.631
## Newspaper                                                            -1.064
## Long                                                                 -0.518
## NukeAdv                                                              -0.694
## Q.Female                                                             -8.284
## relevel(as.factor(Q.Race), ref = 1)2                                  2.456
## relevel(as.factor(Q.Race), ref = 1)3                                  2.114
## relevel(as.factor(Q.Race), ref = 1)4                                 -2.666
## relevel(as.factor(Q.Race), ref = 1)6                                 -0.300
## relevel(as.factor(Q.Race), ref = 1)7                                  0.471
## relevel(as.factor(Q.Race), ref = 1)8                                 -0.802
## Q.Age                                                                -1.448
## Q.HighSchool                                                          0.842
## Q.Bach                                                               -1.682
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   5.086
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q   1.266
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  -0.494
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  -1.562
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  -1.840
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   0.221
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   1.345
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      5.178
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      1.788
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.745
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.931
## Q.Veteran                                                             0.199
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      5.154
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     -0.496
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     -1.541
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -0.321
##                                                                      Pr(>|t|)
## (Intercept)                                                           < 2e-16
## Newspaper                                                             0.28752
## Long                                                                  0.60475
## NukeAdv                                                               0.48757
## Q.Female                                                             2.37e-16
## relevel(as.factor(Q.Race), ref = 1)2                                  0.01414
## relevel(as.factor(Q.Race), ref = 1)3                                  0.03466
## relevel(as.factor(Q.Race), ref = 1)4                                  0.00775
## relevel(as.factor(Q.Race), ref = 1)6                                  0.76425
## relevel(as.factor(Q.Race), ref = 1)7                                  0.63797
## relevel(as.factor(Q.Race), ref = 1)8                                  0.42247
## Q.Age                                                                 0.14782
## Q.HighSchool                                                          0.39996
## Q.Bach                                                                0.09279
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L 4.05e-07
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.20565
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.62154
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.11851
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.06599
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.82516
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.17881
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    2.51e-07
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.07396
```

```
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.45667
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.35206
## Q.Veteran                                                               0.84237
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     2.85e-07
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.62025
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.12360
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.74803
##
## (Intercept)                                                            ***
## Newspaper
## Long
## NukeAdv
## Q.Female                                                               ***
## relevel(as.factor(Q.Race), ref = 1)2                                   *
## relevel(as.factor(Q.Race), ref = 1)3                                   *
## relevel(as.factor(Q.Race), ref = 1)4                                   **
## relevel(as.factor(Q.Race), ref = 1)6
## relevel(as.factor(Q.Race), ref = 1)7
## relevel(as.factor(Q.Race), ref = 1)8
## Q.Age
## Q.HighSchool
## Q.Bach                                                                 .
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L ***
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5 .
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    ***
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    .
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## Q.Veteran
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     ***
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.063 on 1714 degrees of freedom
##   (49 observations deleted due to missingness)
## Multiple R-squared:  0.1209, Adjusted R-squared:  0.106
## F-statistic: 8.125 on 29 and 1714 DF,  p-value: < 2.2e-16
```

```
#time for some regressions


##DV: Cog_Load , IV: all three

## Model 1: No Demographics

Cog_Load_Form_1 <- Cog_Load ~ Newspaper + Long + NukeAdv
```

```r
## Model 5: Factor Demographics

Cog_Load_Form_5 <- Cog_Load ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Cog_Load_Form_7 <- Cog_Load ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Cog_Load_1 <- lm(Cog_Load_Form_1,
             data = DF3,
             na.action=na.omit)

Cog_Load_5 <- lm(Cog_Load_Form_5,
             data = DF3,
             na.action=na.omit)

Cog_Load_7 <- lm(Cog_Load_Form_7,
             data = DF3,
             na.action=na.omit)


stargazer(Cog_Load_1, Cog_Load_5, Cog_Load_7, title = "Prolific, Cog_Load", no.space = TRUE)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:28
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Cog_Load}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Cog\_Load} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & 0.0004 & $-$0.010 & 0.005 \\
##   & (0.050) & (0.050) & (0.050) \\
##   Long & $-$0.265$^{***}$ & $-$0.273$^{***}$ & $-$0.267$^{***}$ \\
```

```
##   & (0.050) & (0.050) & (0.050) \\
##   NukeAdv & $-$0.012 & $-$0.010 & $-$0.005 \\
##   & (0.050) & (0.050) & (0.050) \\
##   Q.Female &  & $-$0.313$^{***}$ & $-$0.319$^{***}$ \\
##   &  & (0.051) & (0.051) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.005 & 0.009 \\
##   &  & (0.074) & (0.073) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 0.222 & 0.212 \\
##   &  & (0.524) & (0.523) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.307$^{***}$ & $-$0.323$^{***}$ \\
##   &  & (0.114) & (0.114) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.018 & $-$0.022 \\
##   &  & (0.122) & (0.122) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.284 & 0.291 \\
##   &  & (0.215) & (0.215) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.449 & $-$0.459 \\
##   &  & (0.471) & (0.469) \\
##   Q.Age &  & 0.003$^{**}$ & 0.003$^{*}$ \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.127 &  \\
##   &  & (0.210) &  \\
##   Q.Bach &  & $-$0.023 & $-$0.026 \\
##   &  & (0.056) & (0.055) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.032 &  \\
##   &  & (0.084) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.092 &  \\
##   &  & (0.072) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & 0.053 &  \\
##   &  & (0.077) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.031 &
##   &  & (0.081) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.001 &
##   &  & (0.081) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.018 &
##   &  & (0.078) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.155$
##   &  & (0.072) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.225$^{***}$ &  \\
##   &  & (0.079) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.182$^{**}$ &  \\
##   &  & (0.072) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.046 &  \\
##   &  & (0.059) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.059 &
##   &  & (0.052) &  \\
##   Q.Income &  &  & 0.011 \\
##   &  &  & (0.012) \\
##   Q.Conservative &  &  & 0.100 \\
##   &  &  & (0.072) \\
##   Q.Liberal &  &  & $-$0.033 \\
##   &  &  & (0.062) \\
##   Q.Veteran &  & 0.058 & 0.057 \\
##   &  & (0.102) & (0.102) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.083 &  \\
```

```
##   &  & (0.062) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.036 &  \\
##   &  & (0.061) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.048 &  \\
##   &  & (0.058) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.096 &
##   &  & (0.060) &  \\
##   Q.Twitter\_Some &  &  & 0.085 \\
##   &  &  & (0.055) \\
##   Constant & 3.837$^{***}$ & 3.809$^{***}$ & 3.760$^{***}$ \\
##   & (0.050) & (0.224) & (0.123) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.016 & 0.063 & 0.054 \\
## Adjusted R$^{2}$ & 0.014 & 0.047 & 0.044 \\
## Residual Std. Error & 1.051 (df = 1789) & 1.036 (df = 1714) & 1.038 (df = 1726) \\
## F Statistic & 9.494$^{***}$ (df = 3; 1789) & 3.995$^{***}$ (df = 29; 1714) & 5.755$^{***}$ (df = 17;
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
summary(Cog_Load_5)
```

```
##
## Call:
## lm(formula = Cog_Load_Form_5, data = DF3, na.action = na.omit)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.0466 -0.7264  0.1670  0.8747  1.7893
##
## Coefficients:
##                                                                    Estimate
## (Intercept)                                                        3.809437
## Newspaper                                                         -0.010167
## Long                                                              -0.272573
## NukeAdv                                                           -0.010188
## Q.Female                                                          -0.312614
## relevel(as.factor(Q.Race), ref = 1)2                               0.004505
## relevel(as.factor(Q.Race), ref = 1)3                               0.222031
## relevel(as.factor(Q.Race), ref = 1)4                              -0.306634
## relevel(as.factor(Q.Race), ref = 1)6                              -0.017732
## relevel(as.factor(Q.Race), ref = 1)7                               0.283927
## relevel(as.factor(Q.Race), ref = 1)8                              -0.449036
## Q.Age                                                              0.003341
## Q.HighSchool                                                       0.127184
## Q.Bach                                                            -0.023369
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.032246
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.091783
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.052781
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.031424
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.001308
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.018359
```

```
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.154972
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.224696
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.181970
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.045795
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.058671
## Q.Veteran                                                               0.057969
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.082618
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     -0.035906
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     -0.047538
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -0.096257
##                                                                        Std. Error
## (Intercept)                                                             0.224082
## Newspaper                                                               0.050133
## Long                                                                    0.050154
## NukeAdv                                                                 0.050173
## Q.Female                                                                0.051268
## relevel(as.factor(Q.Race), ref = 1)2                                    0.074092
## relevel(as.factor(Q.Race), ref = 1)3                                    0.523963
## relevel(as.factor(Q.Race), ref = 1)4                                    0.114151
## relevel(as.factor(Q.Race), ref = 1)6                                    0.122090
## relevel(as.factor(Q.Race), ref = 1)7                                    0.215253
## relevel(as.factor(Q.Race), ref = 1)8                                    0.470528
## Q.Age                                                                   0.001697
## Q.HighSchool                                                            0.210147
## Q.Bach                                                                  0.055855
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.084263
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.071794
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.076978
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.081053
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.080958
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.077671
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.071607
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.079368
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.071714
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.058762
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.052420
## Q.Veteran                                                               0.102268
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.062142
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.060766
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.057621
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.060194
##                                                                        t value
## (Intercept)                                                             17.000
## Newspaper                                                               -0.203
## Long                                                                    -5.435
## NukeAdv                                                                 -0.203
## Q.Female                                                                -6.098
## relevel(as.factor(Q.Race), ref = 1)2                                     0.061
## relevel(as.factor(Q.Race), ref = 1)3                                     0.424
## relevel(as.factor(Q.Race), ref = 1)4                                    -2.686
## relevel(as.factor(Q.Race), ref = 1)6                                    -0.145
## relevel(as.factor(Q.Race), ref = 1)7                                     1.319
## relevel(as.factor(Q.Race), ref = 1)8                                    -0.954
## Q.Age                                                                    1.969
```

```
## Q.HighSchool                                                                  0.605
## Q.Bach                                                                       -0.418
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L       0.383
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q       1.278
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C       0.686
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4       0.388
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5       0.016
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6       0.236
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7       2.164
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L          2.831
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q          2.537
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C          0.779
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4          1.119
## Q.Veteran                                                                    0.567
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L           1.330
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q          -0.591
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C          -0.825
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4          -1.599
##                                                                            Pr(>|t|)
## (Intercept)                                                                 < 2e-16
## Newspaper                                                                   0.83932
## Long                                                                       6.27e-08
## NukeAdv                                                                     0.83912
## Q.Female                                                                   1.33e-09
## relevel(as.factor(Q.Race), ref = 1)2                                        0.95153
## relevel(as.factor(Q.Race), ref = 1)3                                        0.67180
## relevel(as.factor(Q.Race), ref = 1)4                                        0.00730
## relevel(as.factor(Q.Race), ref = 1)6                                        0.88454
## relevel(as.factor(Q.Race), ref = 1)7                                        0.18733
## relevel(as.factor(Q.Race), ref = 1)8                                        0.34005
## Q.Age                                                                       0.04911
## Q.HighSchool                                                                0.54511
## Q.Bach                                                                      0.67572
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L     0.70200
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q     0.20127
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C     0.49302
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4     0.69829
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5     0.98712
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6     0.81317
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7     0.03059
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L        0.00469
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q        0.01125
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C        0.43589
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4        0.26319
## Q.Veteran                                                                   0.57090
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L         0.18385
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q         0.55467
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C         0.40947
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4         0.10998
##
## (Intercept)                                                                ***
## Newspaper
## Long                                                                       ***
## NukeAdv
```

```
## Q.Female                                                          ***
## relevel(as.factor(Q.Race), ref = 1)2
## relevel(as.factor(Q.Race), ref = 1)3
## relevel(as.factor(Q.Race), ref = 1)4                              **
## relevel(as.factor(Q.Race), ref = 1)6
## relevel(as.factor(Q.Race), ref = 1)7
## relevel(as.factor(Q.Race), ref = 1)8
## Q.Age                                                             *
## Q.HighSchool
## Q.Bach
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7 *
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    **
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    *
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## Q.Veteran
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.036 on 1714 degrees of freedom
##   (49 observations deleted due to missingness)
## Multiple R-squared:  0.06332,    Adjusted R-squared:  0.04747
## F-statistic: 3.995 on 29 and 1714 DF,  p-value: 7.372e-12
```

```r
#time for some regressions


##DV: Crisis_Realism , IV: all three

## Model 1: No Demographics

Crisis_Realism_Form_1 <- Crisis_Realism ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

Crisis_Realism_Form_5 <- Crisis_Realism ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix
```

```r
Crisis_Realism_Form_7 <- Crisis_Realism ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Crisis_Realism_1 <- lm(Crisis_Realism_Form_1,
             data = DF3,
             na.action=na.omit)

Crisis_Realism_5 <- lm(Crisis_Realism_Form_5,
             data = DF3,
             na.action=na.omit)

Crisis_Realism_7 <- lm(Crisis_Realism_Form_7,
             data = DF3,
             na.action=na.omit)


stargazer(Crisis_Realism_1, Crisis_Realism_5, Crisis_Realism_7, title = "Prolific, Crisis_Realism", no.
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:28
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Crisis_Realism}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Crisis\_Realism} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & 0.051 & 0.022 & 0.038 \\
##   & (0.054) & (0.054) & (0.053) \\
##   Long & 0.035 & 0.034 & 0.043 \\
##   & (0.054) & (0.054) & (0.053) \\
##   NukeAdv & $-$0.132$^{**}$ & $-$0.134$^{**}$ & $-$0.131$^{**}$ \\
##   & (0.054) & (0.054) & (0.053) \\
##   Q.Female &  & 0.473$^{***}$ & 0.460$^{***}$ \\
##   &  & (0.055) & (0.054) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.092 & 0.107 \\
##   &  & (0.079) & (0.078) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 0.108 & 0.112 \\
##   &  & (0.560) & (0.559) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.070 & $-$0.059 \\
##   &  & (0.122) & (0.121) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.054 & $-$0.064 \\
```

```
##   &  & (0.130) & (0.130) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & $-$0.337 & $-$0.349 \\
##   &  & (0.230) & (0.230) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & 0.098 & 0.123 \\
##   &  & (0.503) & (0.501) \\
##   Q.Age &  & 0.004$^{*}$ & 0.003$^{*}$ \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.019 &  \\
##   &  & (0.225) &  \\
##   Q.Bach &  & $-$0.092 & $-$0.106$^{*}$ \\
##   &  & (0.060) & (0.059) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & $-$0.036 &  \\
##   &  & (0.090) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.110 &  \\
##   &  & (0.077) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & 0.091 &  \\
##   &  & (0.082) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.123 &
##   &  & (0.087) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.081 &
##   &  & (0.087) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.024 &
##   &  & (0.083) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.129$
##   &  & (0.077) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.241$^{***}$ &  \\
##   &  & (0.085) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.010 &  \\
##   &  & (0.077) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.011 &  \\
##   &  & (0.063) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.023
##   &  & (0.056) &  \\
##   Q.Income &  &  & 0.006 \\
##   &  &  & (0.013) \\
##   Q.Conservative &  &  & 0.137$^{*}$ \\
##   &  &  & (0.077) \\
##   Q.Liberal &  &  & $-$0.072 \\
##   &  &  & (0.066) \\
##   Q.Veteran &  & $-$0.078 & $-$0.094 \\
##   &  & (0.109) & (0.109) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.101 &  \\
##   &  & (0.066) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.079 &  \\
##   &  & (0.065) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.053 &  \\
##   &  & (0.062) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.089 &
##   &  & (0.064) &  \\
##   Q.Twitter\_Some &  &  & 0.013 \\
##   &  &  & (0.059) \\
##   Constant & 3.739$^{***}$ & 3.416$^{***}$ & 3.384$^{***}$ \\
##   & (0.054) & (0.239) & (0.131) \\
##  \hline \\[-1.8ex]
```

```
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.004 & 0.066 & 0.059 \\
## Adjusted R$^{2}$ & 0.002 & 0.050 & 0.049 \\
## Residual Std. Error & 1.137 (df = 1789) & 1.107 (df = 1714) & 1.108 (df = 1726) \\
## F Statistic & 2.464$^{*}$ (df = 3; 1789) & 4.192$^{***}$ (df = 29; 1714) & 6.312$^{***}$ (df = 17; 1
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
summary(Crisis_Realism_5)
```

```
##
## Call:
## lm(formula = Crisis_Realism_Form_5, data = DF3, na.action = na.omit)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.3165 -0.5281  0.2152  0.7608  2.1090
##
## Coefficients:
##                                                                    Estimate
## (Intercept)                                                        3.415930
## Newspaper                                                          0.021871
## Long                                                               0.033728
## NukeAdv                                                           -0.134458
## Q.Female                                                           0.472828
## relevel(as.factor(Q.Race), ref = 1)2                               0.092195
## relevel(as.factor(Q.Race), ref = 1)3                               0.107671
## relevel(as.factor(Q.Race), ref = 1)4                              -0.069612
## relevel(as.factor(Q.Race), ref = 1)6                              -0.053968
## relevel(as.factor(Q.Race), ref = 1)7                              -0.336683
## relevel(as.factor(Q.Race), ref = 1)8                               0.098229
## Q.Age                                                              0.003507
## Q.HighSchool                                                       0.019299
## Q.Bach                                                            -0.092360
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L -0.035909
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.109628
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.091025
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.122765
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.081296
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.023910
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.128885
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.241366
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.010027
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C    -0.010673
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    -0.022865
## Q.Veteran                                                         -0.078058
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.100714
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.078979
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.052620
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.089378
##                                                                   Std. Error
## (Intercept)                                                         0.239428
```

```
## Newspaper                                                                 0.053566
## Long                                                                      0.053588
## NukeAdv                                                                   0.053609
## Q.Female                                                                  0.054779
## relevel(as.factor(Q.Race), ref = 1)2                                      0.079166
## relevel(as.factor(Q.Race), ref = 1)3                                      0.559846
## relevel(as.factor(Q.Race), ref = 1)4                                      0.121968
## relevel(as.factor(Q.Race), ref = 1)6                                      0.130451
## relevel(as.factor(Q.Race), ref = 1)7                                      0.229994
## relevel(as.factor(Q.Race), ref = 1)8                                      0.502752
## Q.Age                                                                     0.001813
## Q.HighSchool                                                              0.224538
## Q.Bach                                                                    0.059680
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   0.090033
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q   0.076711
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C   0.082249
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   0.086604
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   0.086502
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   0.082990
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   0.076510
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.084803
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.076625
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.062786
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.056010
## Q.Veteran                                                                 0.109272
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       0.066397
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       0.064927
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       0.061567
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       0.064316
##                                                                         t value
## (Intercept)                                                              14.267
## Newspaper                                                                 0.408
## Long                                                                      0.629
## NukeAdv                                                                  -2.508
## Q.Female                                                                  8.632
## relevel(as.factor(Q.Race), ref = 1)2                                      1.165
## relevel(as.factor(Q.Race), ref = 1)3                                      0.192
## relevel(as.factor(Q.Race), ref = 1)4                                     -0.571
## relevel(as.factor(Q.Race), ref = 1)6                                     -0.414
## relevel(as.factor(Q.Race), ref = 1)7                                     -1.464
## relevel(as.factor(Q.Race), ref = 1)8                                      0.195
## Q.Age                                                                     1.934
## Q.HighSchool                                                              0.086
## Q.Bach                                                                   -1.548
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  -0.399
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q   1.429
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C   1.107
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   1.418
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   0.940
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   0.288
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7   1.685
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      2.846
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.131
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     -0.170
```

```
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -0.408
## Q.Veteran                                                               -0.714
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       1.517
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       1.216
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       0.855
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       1.390
##                                                                        Pr(>|t|)
## (Intercept)                                                             < 2e-16
## Newspaper                                                               0.68310
## Long                                                                    0.52917
## NukeAdv                                                                 0.01223
## Q.Female                                                                < 2e-16
## relevel(as.factor(Q.Race), ref = 1)2                                    0.24435
## relevel(as.factor(Q.Race), ref = 1)3                                    0.84751
## relevel(as.factor(Q.Race), ref = 1)4                                    0.56825
## relevel(as.factor(Q.Race), ref = 1)6                                    0.67914
## relevel(as.factor(Q.Race), ref = 1)7                                    0.14341
## relevel(as.factor(Q.Race), ref = 1)8                                    0.84512
## Q.Age                                                                   0.05323
## Q.HighSchool                                                            0.93152
## Q.Bach                                                                  0.12191
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  0.69006
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  0.15315
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  0.26858
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4  0.15650
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5  0.34744
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  0.77330
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  0.09226
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.00448
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.89590
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.86504
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.68316
## Q.Veteran                                                               0.47511
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      0.12949
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.22399
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C      0.39285
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      0.16481
##
## (Intercept)                                                            ***
## Newspaper
## Long
## NukeAdv                                                                *
## Q.Female                                                               ***
## relevel(as.factor(Q.Race), ref = 1)2
## relevel(as.factor(Q.Race), ref = 1)3
## relevel(as.factor(Q.Race), ref = 1)4
## relevel(as.factor(Q.Race), ref = 1)6
## relevel(as.factor(Q.Race), ref = 1)7
## relevel(as.factor(Q.Race), ref = 1)8
## Q.Age                                                                  .
## Q.HighSchool
## Q.Bach
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q
```

```
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7 .
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    **
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## Q.Veteran
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.107 on 1714 degrees of freedom
##   (49 observations deleted due to missingness)
## Multiple R-squared:  0.06623,    Adjusted R-squared:  0.05044
## F-statistic: 4.192 on 29 and 1714 DF,  p-value: 9.245e-13
```

AC and Timer

```r
#time for some regressions


##DV: Timer , IV: all three

## Model 1: No Demographics

Timer_Form_1 <- Timer ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

Timer_Form_5 <- Timer ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Timer_Form_7 <- Timer ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression
```

```
Timer_1 <- lm(Timer_Form_1,
              data = DF3,
              na.action=na.omit)

Timer_5 <- lm(Timer_Form_5,
              data = DF3,
              na.action=na.omit)

Timer_7 <- lm(Timer_Form_7,
              data = DF3,
              na.action=na.omit)


stargazer(Timer_1, Timer_5, Timer_7, title = "Prolific, Timer", no.space = TRUE)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:29
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Timer}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Timer} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$33.981$^{***}$ & $-$36.374$^{***}$ & $-$36.829$^{***}$ \\
##   & (6.784) & (6.882) & (6.827) \\
##   Long & 54.690$^{***}$ & 56.602$^{***}$ & 56.505$^{***}$ \\
##   & (6.785) & (6.885) & (6.844) \\
##   NukeAdv & 6.042 & 6.101 & 5.128 \\
##   & (6.784) & (6.888) & (6.839) \\
##   Q.Female &  & 30.158$^{***}$ & 30.323$^{***}$ \\
##   &  & (7.038) & (6.965) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 16.179 & 15.645 \\
##   &  & (10.171) & (10.054) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & $-$1.651 & $-$8.232 \\
##   &  & (71.931) & (71.648) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$7.407 & $-$8.892 \\
##   &  & (15.671) & (15.565) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$26.535 & $-$26.144 \\
##   &  & (16.761) & (16.697) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 31.783 & 32.901 \\
##   &  & (29.550) & (29.450) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & 6.119 & 1.180 \\
##   &  & (64.595) & (64.207) \\
##   Q.Age &  & 0.888$^{***}$ & 0.889$^{***}$ \\
##   &  & (0.233) & (0.231) \\
##   Q.HighSchool &  & 13.503 &  \\
##   &  & (28.849) &  \\
##   Q.Bach &  & $-$10.844 & $-$10.020 \\
```

```
##   &  & (7.668) & (7.561) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & $-$3.177 &  \\
##   &  & (11.568) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & $-$2.068 &  \\
##   &  & (9.856) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$4.011 &  \\
##   &  & (10.568) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.882 &
##   &  & (11.127) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 5.918 &
##   &  & (11.114) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & $-$13.8
##   &  & (10.663) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & $-$1.5
##   &  & (9.830) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & $-$0.148 &  \\
##   &  & (10.896) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 6.049 &  \\
##   &  & (9.845) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$1.879 &  \\
##   &  & (8.067) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 8.615 &
##   &  & (7.196) &  \\
##   Q.Income &  &  & $-$0.639 \\
##   &  &  & (1.675) \\
##   Q.Conservative &  &  & $-$6.071 \\
##   &  &  & (9.847) \\
##   Q.Liberal &  &  & $-$6.299 \\
##   &  &  & (8.500) \\
##   Q.Veteran &  & 3.024 & 2.354 \\
##   &  & (14.040) & (13.968) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 5.089 &  \\
##   &  & (8.531) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 3.567 &  \\
##   &  & (8.342) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 11.579 &  \\
##   &  & (7.910) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$3.141 &
##   &  & (8.264) &  \\
##   Q.Twitter\_Some &  &  & 6.815 \\
##   &  &  & (7.586) \\
##   Constant & 121.350$^{***}$ & 59.514$^{*}$ & 73.886$^{***}$ \\
##   & (6.767) & (30.762) & (16.814) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.048 & 0.082 & 0.078 \\
## Adjusted R$^{2}$ & 0.047 & 0.066 & 0.069 \\
## Residual Std. Error & 143.632 (df = 1789) & 142.287 (df = 1714) & 142.103 (df = 1726) \\
## F Statistic & 30.286$^{***}$ (df = 3; 1789) & 5.281$^{***}$ (df = 29; 1714) & 8.586$^{***}$ (df = 17
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
summary(Timer_5)
```

```
##
## Call:
## lm(formula = Timer_Form_5, data = DF3, na.action = na.omit)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -218.26  -69.09  -27.25   28.35 1958.60
##
## Coefficients:
##                                                                    Estimate
## (Intercept)                                                         59.5145
## Newspaper                                                          -36.3736
## Long                                                                56.6023
## NukeAdv                                                              6.1009
## Q.Female                                                            30.1575
## relevel(as.factor(Q.Race), ref = 1)2                                16.1787
## relevel(as.factor(Q.Race), ref = 1)3                                -1.6509
## relevel(as.factor(Q.Race), ref = 1)4                                -7.4066
## relevel(as.factor(Q.Race), ref = 1)6                               -26.5347
## relevel(as.factor(Q.Race), ref = 1)7                                31.7834
## relevel(as.factor(Q.Race), ref = 1)8                                 6.1187
## Q.Age                                                                0.8882
## Q.HighSchool                                                        13.5035
## Q.Bach                                                             -10.8443
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  -3.1773
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  -2.0684
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  -4.0109
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   0.8825
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   5.9179
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6 -13.8136
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  -1.5627
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     -0.1481
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      6.0486
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     -1.8785
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      8.6150
## Q.Veteran                                                            3.0237
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      5.0893
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      3.5665
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     11.5794
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     -3.1414
##                                                                    Std. Error
## (Intercept)                                                           30.7623
## Newspaper                                                              6.8823
## Long                                                                   6.8852
## NukeAdv                                                                6.8878
## Q.Female                                                               7.0381
## relevel(as.factor(Q.Race), ref = 1)2                                  10.1714
## relevel(as.factor(Q.Race), ref = 1)3                                  71.9305
## relevel(as.factor(Q.Race), ref = 1)4                                  15.6708
## relevel(as.factor(Q.Race), ref = 1)6                                  16.7607
## relevel(as.factor(Q.Race), ref = 1)7                                  29.5503
## relevel(as.factor(Q.Race), ref = 1)8                                  64.5949
```

```
## Q.Age                                                                  0.2329
## Q.HighSchool                                                          28.8493
## Q.Bach                                                                 7.6679
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L   11.5677
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q    9.8560
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C   10.5676
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   11.1271
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   11.1140
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6   10.6628
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7    9.8303
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L      10.8957
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       9.8450
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       8.0669
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       7.1963
## Q.Veteran                                                             14.0396
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       8.5309
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       8.3420
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       7.9103
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4       8.2635
##                                                                      t value
## (Intercept)                                                            1.935
## Newspaper                                                             -5.285
## Long                                                                   8.221
## NukeAdv                                                                0.886
## Q.Female                                                               4.285
## relevel(as.factor(Q.Race), ref = 1)2                                   1.591
## relevel(as.factor(Q.Race), ref = 1)3                                  -0.023
## relevel(as.factor(Q.Race), ref = 1)4                                  -0.473
## relevel(as.factor(Q.Race), ref = 1)6                                  -1.583
## relevel(as.factor(Q.Race), ref = 1)7                                   1.076
## relevel(as.factor(Q.Race), ref = 1)8                                   0.095
## Q.Age                                                                  3.814
## Q.HighSchool                                                           0.468
## Q.Bach                                                                -1.414
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L  -0.275
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q  -0.210
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C  -0.380
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4   0.079
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5   0.532
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6  -1.295
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7  -0.159
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     -0.014
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q      0.614
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     -0.233
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      1.197
## Q.Veteran                                                              0.215
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L       0.597
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q       0.428
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C       1.464
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4      -0.380
##                                                                     Pr(>|t|)
## (Intercept)                                                         0.053197
## Newspaper                                                           1.42e-07
## Long                                                                3.94e-16
```

```
## NukeAdv                                                                  0.375869
## Q.Female                                                                 1.93e-05
## relevel(as.factor(Q.Race), ref = 1)2                                     0.111884
## relevel(as.factor(Q.Race), ref = 1)3                                     0.981692
## relevel(as.factor(Q.Race), ref = 1)4                                     0.636531
## relevel(as.factor(Q.Race), ref = 1)6                                     0.113571
## relevel(as.factor(Q.Race), ref = 1)7                                     0.282271
## relevel(as.factor(Q.Race), ref = 1)8                                     0.924545
## Q.Age                                                                    0.000142
## Q.HighSchool                                                             0.639793
## Q.Bach                                                                   0.157470
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L 0.783606
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q 0.833799
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C 0.704332
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4 0.936797
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5 0.594467
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6 0.195327
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7 0.873716
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L    0.989154
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q    0.539048
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C    0.815894
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4    0.231417
## Q.Veteran                                                              0.829502
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L     0.550874
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q     0.669042
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C     0.143420
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4     0.703877
##
## (Intercept)                                                            .
## Newspaper                                                              ***
## Long                                                                   ***
## NukeAdv
## Q.Female                                                               ***
## relevel(as.factor(Q.Race), ref = 1)2
## relevel(as.factor(Q.Race), ref = 1)3
## relevel(as.factor(Q.Race), ref = 1)4
## relevel(as.factor(Q.Race), ref = 1)6
## relevel(as.factor(Q.Race), ref = 1)7
## relevel(as.factor(Q.Race), ref = 1)8
## Q.Age                                                                  ***
## Q.HighSchool
## Q.Bach
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^4
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^5
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^6
## factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))^7
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## Q.Veteran
```

```
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C
## factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))^4
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 142.3 on 1714 degrees of freedom
##   (49 observations deleted due to missingness)
## Multiple R-squared:  0.08202,    Adjusted R-squared:  0.06649
## F-statistic: 5.281 on 29 and 1714 DF,  p-value: < 2.2e-16
```

```
#time for some regressions


##DV: Country_Check_Binary , IV: all three

## Model 1: No Demographics

Country_Check_Binary_Form_1 <- Country_Check_Binary ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

Country_Check_Binary_Form_5 <- Country_Check_Binary ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Country_Check_Binary_Form_7 <- Country_Check_Binary ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Country_Check_Binary_1 <- lm(Country_Check_Binary_Form_1,
             data = DF3,
             na.action=na.omit)

Country_Check_Binary_5 <- lm(Country_Check_Binary_Form_5,
             data = DF3,
             na.action=na.omit)

Country_Check_Binary_7 <- lm(Country_Check_Binary_Form_7,
             data = DF3,
             na.action=na.omit)
```

```
stargazer(Country_Check_Binary_1, Country_Check_Binary_5, Country_Check_Binary_7, title = "Prolific, Cou
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:29
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Country Check}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Country\_Check\_Binary} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.030 & $-$0.027 & $-$0.026 \\
##   & (0.019) & (0.019) & (0.019) \\
##   Long & 0.009 & 0.007 & 0.009 \\
##   & (0.019) & (0.019) & (0.019) \\
##   NukeAdv & 0.037$^{**}$ & 0.048$^{**}$ & 0.046$^{**}$ \\
##   & (0.019) & (0.019) & (0.019) \\
##   Q.Female &  & $-$0.053$^{***}$ & $-$0.054$^{***}$ \\
##   &  & (0.019) & (0.019) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & $-$0.139$^{***}$ & $-$0.141$^{***}$ \\
##   &  & (0.028) & (0.028) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & $-$0.012 & 0.013 \\
##   &  & (0.197) & (0.197) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.058 & $-$0.059 \\
##   &  & (0.043) & (0.043) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.079$^{*}$ & $-$0.080$^{*}$ \\
##   &  & (0.046) & (0.046) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.039 & 0.045 \\
##   &  & (0.081) & (0.081) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & 0.187 & 0.214 \\
##   &  & (0.177) & (0.176) \\
##   Q.Age &  & 0.002$^{***}$ & 0.002$^{***}$ \\
##   &  & (0.001) & (0.001) \\
##   Q.HighSchool &  & 0.187$^{**}$ &  \\
##   &  & (0.079) &  \\
##   Q.Bach &  & 0.038$^{*}$ & 0.039$^{*}$ \\
##   &  & (0.021) & (0.021) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.007 &  \\
##   &  & (0.032) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.041 &  \\
##   &  & (0.027) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$0.004 &  \\
##   &  & (0.029) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.025 &
##   &  & (0.030) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & $-$0.0
##   &  & (0.030) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.007 &
##   &  & (0.029) &  \\
```

```
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.001 &
##   &  & (0.027) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.005 &  \\
##   &  & (0.030) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.017 &  \\
##   &  & (0.027) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.010 &  \\
##   &  & (0.022) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.047$
##   &  & (0.020) &  \\
##   Q.Income &  &  & 0.003 \\
##   &  &  & (0.005) \\
##   Q.Conservative &  &  & 0.063$^{**}$ \\
##   &  &  & (0.027) \\
##   Q.Liberal &  &  & 0.054$^{**}$ \\
##   &  &  & (0.023) \\
##   Q.Veteran &  & $-$0.057 & $-$0.059 \\
##   &  & (0.038) & (0.038) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & $-$0.004 &  \\
##   &  & (0.023) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.049$^{**}$ &  \\
##   &  & (0.023) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.028 &  \\
##   &  & (0.022) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.019 &
##   &  & (0.023) &  \\
##   Q.Twitter\_Some &  &  & $-$0.028 \\
##   &  &  & (0.021) \\
##   Constant & 0.798$^{***}$ & 0.557$^{***}$ & 0.702$^{***}$ \\
##   & (0.019) & (0.084) & (0.046) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.004 & 0.052 & 0.045 \\
## Adjusted R$^{2}$ & 0.002 & 0.036 & 0.035 \\
## Residual Std. Error & 0.395 (df = 1789) & 0.390 (df = 1714) & 0.390 (df = 1726) \\
## F Statistic & 2.230$^{*}$ (df = 3; 1789) & 3.243$^{***}$ (df = 29; 1714) & 4.747$^{***}$ (df = 17; 1
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
#time for some regressions


##DV: Author_Check_Binary , IV: all three

## Model 1: No Demographics

Author_Check_Binary_Form_1 <- Author_Check_Binary ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

Author_Check_Binary_Form_5 <- Author_Check_Binary ~ Newspaper + Long + NukeAdv +
```

```
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Author_Check_Binary_Form_7 <- Author_Check_Binary ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Author_Check_Binary_1 <- lm(Author_Check_Binary_Form_1,
              data = DF3,
              na.action=na.omit)

Author_Check_Binary_5 <- lm(Author_Check_Binary_Form_5,
              data = DF3,
              na.action=na.omit)

Author_Check_Binary_7 <- lm(Author_Check_Binary_Form_7,
              data = DF3,
              na.action=na.omit)


stargazer(Author_Check_Binary_1, Author_Check_Binary_5, Author_Check_Binary_7, title = "Prolific, Autho
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:29
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Author Check}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Author\_Check\_Binary} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.029 & $-$0.039$^{**}$ & $-$0.036$^{*}$ \\
##   & (0.019) & (0.019) & (0.019) \\
##   Long & $-$0.001 & $-$0.006 & $-$0.001 \\
##   & (0.019) & (0.019) & (0.019) \\
##   NukeAdv & $-$0.00004 & 0.001 & 0.004 \\
##   & (0.019) & (0.019) & (0.019) \\
##   Q.Female &  & $-$0.053$^{***}$ & $-$0.056$^{***}$ \\
```

```
##   &  & (0.020) & (0.020) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & $-$0.025 & $-$0.024 \\
##   &  & (0.028) & (0.028) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 0.259 & 0.265 \\
##   &  & (0.201) & (0.201) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.086$^{*}$ & $-$0.089$^{**}$ \\
##   &  & (0.044) & (0.044) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.059 & $-$0.053 \\
##   &  & (0.047) & (0.047) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.013 & 0.011 \\
##   &  & (0.083) & (0.083) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & 0.185 & 0.206 \\
##   &  & (0.181) & (0.180) \\
##   Q.Age &  & 0.002$^{***}$ & 0.002$^{***}$ \\
##   &  & (0.001) & (0.001) \\
##   Q.HighSchool &  & 0.162$^{**}$ &  \\
##   &  & (0.081) &  \\
##   Q.Bach &  & 0.039$^{*}$ & 0.041$^{*}$ \\
##   &  & (0.021) & (0.021) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.009 &  \\
##   &  & (0.032) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.010 &  \\
##   &  & (0.028) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & 0.066$^{**}$ &  \\
##   &  & (0.030) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.021 &
##   &  & (0.031) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & $-$0.0
##   &  & (0.031) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & $-$0.0
##   &  & (0.030) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & $-$0.0
##   &  & (0.027) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.009 &  \\
##   &  & (0.030) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.026 &  \\
##   &  & (0.028) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.014 &  \\
##   &  & (0.023) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.006 &
##   &  & (0.020) &  \\
##   Q.Income &  &  & 0.004 \\
##   &  &  & (0.005) \\
##   Q.Conservative &  &  & 0.008 \\
##   &  &  & (0.028) \\
##   Q.Liberal &  &  & 0.011 \\
##   &  &  & (0.024) \\
##   Q.Veteran &  & $-$0.018 & $-$0.017 \\
##   &  & (0.039) & (0.039) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.052$^{**}$ &  \\
##   &  & (0.024) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.009 &  \\
##   &  & (0.023) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.042$^{*}$ &  \\
```

```
##   &  & (0.022) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.042$^{*
##   &  & (0.023) &  \\
##   Q.Twitter\_Some &  &  & 0.040$^{*}$ \\
##   &  &  & (0.021) \\
##   Constant & 0.813$^{***}$ & 0.602$^{***}$ & 0.696$^{***}$ \\
##   & (0.019) & (0.086) & (0.047) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.001 & 0.035 & 0.024 \\
## Adjusted R$^{2}$ & $-$0.0004 & 0.018 & 0.014 \\
## Residual Std. Error & 0.402 (df = 1789) & 0.398 (df = 1714) & 0.399 (df = 1726) \\
## F Statistic & 0.782 (df = 3; 1789) & 2.118$^{***}$ (df = 29; 1714) & 2.459$^{***}$ (df = 17; 1726) \
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
#time for some regressions


##DV: Scientist_Check_Binary , IV: all three

## Model 1: No Demographics

Scientist_Check_Binary_Form_1 <- Scientist_Check_Binary ~ Newspaper + Long + NukeAdv

## Model 5: Factor Demographics

Scientist_Check_Binary_Form_5 <- Scientist_Check_Binary ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))

## Model 7: Slightly simplified for the Appendix

Scientist_Check_Binary_Form_7 <- Scientist_Check_Binary ~ Newspaper + Long + NukeAdv +
  Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some

#regression

Scientist_Check_Binary_1 <- lm(Scientist_Check_Binary_Form_1,
             data = DF3,
             na.action=na.omit)

Scientist_Check_Binary_5 <- lm(Scientist_Check_Binary_Form_5,
```

```
             data = DF3,
             na.action=na.omit)

Scientist_Check_Binary_7 <- lm(Scientist_Check_Binary_Form_7,
             data = DF3,
             na.action=na.omit)


stargazer(Scientist_Check_Binary_1, Scientist_Check_Binary_5, Scientist_Check_Binary_7, title = "Prolif
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:29
## \begin{table}[!htbp] \centering
##   \caption{Prolific, Scientist Check}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Scientist\_Check\_Binary} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & 0.010 & $-$0.006 & 0.002 \\
##   & (0.023) & (0.024) & (0.024) \\
##   Long & $-$0.054$^{**}$ & $-$0.056$^{**}$ & $-$0.048$^{**}$ \\
##   & (0.023) & (0.024) & (0.024) \\
##   NukeAdv & $-$0.064$^{***}$ & $-$0.068$^{***}$ & $-$0.061$^{***}$ \\
##   & (0.023) & (0.024) & (0.024) \\
##   Q.Female &  & $-$0.028 & $-$0.041$^{*}$ \\
##   &  & (0.024) & (0.024) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.044 & 0.059$^{*}$ \\
##   &  & (0.035) & (0.035) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 0.131 & 0.176 \\
##   &  & (0.247) & (0.247) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  &  & $-$0.083 & $-$0.094$^{*}$ \\
##   &  & (0.054) & (0.054) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  &  & $-$0.044 & $-$0.050 \\
##   &  & (0.057) & (0.058) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  &  & 0.063 & 0.061 \\
##   &  & (0.101) & (0.102) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  &  & 0.096 & 0.174 \\
##   &  & (0.221) & (0.222) \\
##   Q.Age &  & 0.003$^{***}$ & 0.003$^{***}$ \\
##   &  & (0.001) & (0.001) \\
##   Q.HighSchool &  & 0.212$^{**}$ &  \\
##   &  & (0.099) &  \\
##   Q.Bach &  & $-$0.012 & $-$0.005 \\
##   &  & (0.026) & (0.026) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.015 &  \\
##   &  & (0.040) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.080$^{**}$ &  \\
##   &  & (0.034) &  \\
```

```
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$0.036 &  \\
##   &  & (0.036) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & $-$0.04
##   &  & (0.038) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & $-$0.05
##   &  & (0.038) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.044 &
##   &  & (0.037) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.026 &
##   &  & (0.034) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.049 &  \\
##   &  & (0.037) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.030 &  \\
##   &  & (0.034) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.029 &  \\
##   &  & (0.028) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.034
##   &  & (0.025) &  \\
##   Q.Income &  &  & 0.004 \\
##   &  &  & (0.006) \\
##   Q.Conservative &  &  & 0.071$^{**}$ \\
##   &  &  & (0.034) \\
##   Q.Liberal &  &  & 0.055$^{*}$ \\
##   &  &  & (0.029) \\
##   Q.Veteran &  & $-$0.015 & $-$0.018 \\
##   &  & (0.048) & (0.048) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.145$^{***}$ &  \\
##   &  & (0.029) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.008 &  \\
##   &  & (0.029) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.027 &  \\
##   &  & (0.027) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.017 &
##   &  & (0.028) &  \\
##   Q.Twitter\_Some &  &  & 0.086$^{***}$ \\
##   &  &  & (0.026) \\
##   Constant & 0.489$^{***}$ & 0.212$^{**}$ & 0.255$^{***}$ \\
##   & (0.023) & (0.105) & (0.058) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.007 & 0.050 & 0.032 \\
## Adjusted R$^{2}$ & 0.006 & 0.034 & 0.022 \\
## Residual Std. Error & 0.495 (df = 1789) & 0.488 (df = 1714) & 0.491 (df = 1726) \\
## F Statistic & 4.313$^{***}$ (df = 3; 1789) & 3.120$^{***}$ (df = 29; 1714) & 3.332$^{***}$ (df = 17;
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

P-Values

```
summary(NukeAppr_7)$coefficients[2,]
```

```
##    Estimate  Std. Error     t value    Pr(>|t|)
## -0.01583606  0.07360055 -0.21516225  0.82966624
```

```
summary(ConvAppr_7)$coefficients[2,]
```

```
##     Estimate   Std. Error      t value     Pr(>|t|)
## -0.005270995  0.064758430 -0.081394732  0.935137475
```

```
summary(Choice_7)$coefficients[2,]
```

```
##    Estimate  Std. Error     t value    Pr(>|t|)
## -0.03516712  0.04336782 -0.81090356  0.41753285
```

```
summary(Crisis_Realism_7)$coefficients[2,]
```

```
##   Estimate Std. Error    t value   Pr(>|t|)
## 0.03776230 0.05323861 0.70930288 0.47823234
```

```
summary(Timer_7)$coefficients[2,]
```

```
##      Estimate    Std. Error       t value      Pr(>|t|)
## -3.682933e+01  6.827162e+00 -5.394530e+00  7.820595e-08
```

```
summary(Scientist_Check_Binary_7)$coefficients[2,]
```

```
##    Estimate  Std. Error     t value    Pr(>|t|)
## 0.002157113 0.023573709 0.091505041 0.927101919
```

```
summary(Author_Check_Binary_7)$coefficients[2,]
```

```
##    Estimate  Std. Error     t value    Pr(>|t|)
## -0.03594008  0.01915296 -1.87647657  0.06075848
```

```
summary(Country_Check_Binary_7)$coefficients[2,]
```

```
##    Estimate  Std. Error     t value    Pr(>|t|)
## -0.02572460  0.01874163 -1.37259111  0.17005782
```

```
summary(Cog_Load_7)$coefficients[2,]
```

```
##    Estimate  Std. Error     t value    Pr(>|t|)
## 0.005421534 0.049877612 0.108696740 0.913455662
```

```
summary(Enjoyment_7)$coefficients[2,]
```

```
##    Estimate  Std. Error     t value    Pr(>|t|)
## -0.03044232  0.05139542 -0.59231590  0.55371665
```

```
summary(Interest_7)$coefficients[2,]
```

```
##    Estimate  Std. Error     t value    Pr(>|t|)
## -0.01279676  0.04701353 -0.27219309  0.78550611
```

Means and SE Estimates

Substantive Questions

```
##### Nuclear Approval

NukeAppr_Form_1 <- Nuclear_Approval ~ Newspaper + Long + NukeAdv
```

```r
NukeAppr_Full <- Nuclear_Approval ~ 0 + as.factor(Treatment)


lm_NukeAppr_Full <- lm(NukeAppr_Full,
                       data = DF3)

summary(lm_NukeAppr_Full)
```

```
##
## Call:
## lm(formula = NukeAppr_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -2.4097 -1.3839  0.0769  1.0942  3.2026
##
## Coefficients:
##                                                 Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal           2.9231     0.1064   27.48
## as.factor(Treatment)Newspaper,Long,NuclearBetter   3.2156     0.1071   30.02
## as.factor(Treatment)Newspaper,Short,Equal          2.9058     0.1059   27.44
## as.factor(Treatment)Newspaper,Short,NuclearBetter  3.4097     0.1050   32.49
## as.factor(Treatment)PlainText,Long,Equal           3.0852     0.1059   29.13
## as.factor(Treatment)PlainText,Long,NuclearBetter   3.3839     0.1057   32.03
## as.factor(Treatment)PlainText,Short,Equal          2.7974     0.1050   26.65
## as.factor(Treatment)PlainText,Short,NuclearBetter  3.2261     0.1043   30.94
##                                                 Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal           <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter  <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal          <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.581 on 1785 degrees of freedom
## Multiple R-squared:  0.797,  Adjusted R-squared:  0.7961
## F-statistic: 875.9 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```r
length(na.omit(DF3$Nuclear_Approval[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```r
length(na.omit(DF3$Nuclear_Approval[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```r
length(na.omit(DF3$Nuclear_Approval[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Nuclear_Approval[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Nuclear_Approval[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Nuclear_Approval[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Nuclear_Approval[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Nuclear_Approval[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

```
##### Convetional Approval

ConvAppr_Form_1 <- Conv_Approval ~ Newspaper + Long + NukeAdv


ConvAppr_Full <- Conv_Approval ~ 0 + as.factor(Treatment)


lm_ConvAppr_Full <- lm(ConvAppr_Full,
                       data = DF3)

summary(lm_ConvAppr_Full)
```

```
##
## Call:
## lm(formula = ConvAppr_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.2870 -0.9552  0.1806  1.0448  2.2857
##
## Coefficients:
##                                                Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal         4.14480    0.09600   43.18
## as.factor(Treatment)Newspaper,Long,NuclearBetter  3.77064    0.09666   39.01
## as.factor(Treatment)Newspaper,Short,Equal         3.95516    0.09557   41.39
## as.factor(Treatment)Newspaper,Short,NuclearBetter 3.81938    0.09472   40.32
## as.factor(Treatment)PlainText,Long,Equal          4.28700    0.09557   44.86
## as.factor(Treatment)PlainText,Long,NuclearBetter  3.71429    0.09535   38.95
## as.factor(Treatment)PlainText,Short,Equal         3.97797    0.09472   42.00
## as.factor(Treatment)PlainText,Short,NuclearBetter 3.80435    0.09410   40.43
##                                                Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter  <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal         <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal          <2e-16 ***
```

```
## as.factor(Treatment)PlainText,Long,NuclearBetter    <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.427 on 1785 degrees of freedom
## Multiple R-squared:  0.8844, Adjusted R-squared:  0.8839
## F-statistic:  1707 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Conv_Approval[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Conv_Approval[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Conv_Approval[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Conv_Approval[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Conv_Approval[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Conv_Approval[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Conv_Approval[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Conv_Approval[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

```
##### Choice

Choice_Form_1 <- Choice ~ Newspaper + Long + NukeAdv


Choice_Full <- Choice ~ 0 + as.factor(Treatment)


lm_Choice_Full <- lm(Choice_Full,
                     data = DF3)

summary(lm_Choice_Full)
```

```
##
## Call:
## lm(formula = Choice_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
```

```
## -1.3973 -0.6188 -0.2870  0.6027  2.3857
##
## Coefficients:
##                                                 Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal          1.63348    0.06151   26.56
## as.factor(Treatment)Newspaper,Long,NuclearBetter  2.21560    0.06193   35.78
## as.factor(Treatment)Newspaper,Short,Equal         1.61435    0.06123   26.36
## as.factor(Treatment)Newspaper,Short,NuclearBetter 2.36123    0.06069   38.91
## as.factor(Treatment)PlainText,Long,Equal          1.61883    0.06123   26.44
## as.factor(Treatment)PlainText,Long,NuclearBetter  2.39732    0.06109   39.24
## as.factor(Treatment)PlainText,Short,Equal         1.61674    0.06069   26.64
## as.factor(Treatment)PlainText,Short,NuclearBetter 2.28696    0.06029   37.93
##                                                 Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal           <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter  <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal          <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.9144 on 1785 degrees of freedom
## Multiple R-squared:  0.8278, Adjusted R-squared:  0.827
## F-statistic:  1073 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Choice[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Choice[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Choice[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Choice[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Choice[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Choice[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Choice[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Choice[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

```
##### Crisis Realism

Crisis_Realism_Form_1 <- Crisis_Realism ~ Newspaper + Long + NukeAdv


Crisis_Realism_Full <- Crisis_Realism ~ 0 + as.factor(Treatment)


lm_Crisis_Realism_Full <- lm(Crisis_Realism_Full,
                     data = DF3)

summary(lm_Crisis_Realism_Full)
```

```
##
## Call:
## lm(formula = Crisis_Realism_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -2.8341 -0.6881  0.2687  0.4196  1.4196
##
## Coefficients:
##                                                Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal         3.83258    0.07648   50.12
## as.factor(Treatment)Newspaper,Long,NuclearBetter  3.68807    0.07700   47.90
## as.factor(Treatment)Newspaper,Short,Equal         3.71300    0.07613   48.77
## as.factor(Treatment)Newspaper,Short,NuclearBetter 3.73128    0.07546   49.45
## as.factor(Treatment)PlainText,Long,Equal          3.83408    0.07613   50.36
## as.factor(Treatment)PlainText,Long,NuclearBetter  3.58036    0.07596   47.13
## as.factor(Treatment)PlainText,Short,Equal         3.74890    0.07546   49.68
## as.factor(Treatment)PlainText,Short,NuclearBetter 3.60000    0.07496   48.02
##                                                Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter  <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal         <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal          <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter  <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal         <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.137 on 1785 degrees of freedom
## Multiple R-squared:  0.9148, Adjusted R-squared:  0.9144
## F-statistic:  2395 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Crisis_Realism[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Crisis_Realism[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Crisis_Realism[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Crisis_Realism[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Crisis_Realism[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Crisis_Realism[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Crisis_Realism[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Crisis_Realism[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

AC and Timer

```
##### Timer

Timer_Form_1 <- Timer ~ Newspaper + Long + NukeAdv


Timer_Full <- Timer ~ 0 + as.factor(Treatment)


lm_Timer_Full <- lm(Timer_Full,
                    data = DF3)

summary(lm_Timer_Full)
```

```
##
## Call:
## lm(formula = Timer_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -190.28  -71.07  -28.11   27.56 1944.64
##
## Coefficients:
##                                                Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal          137.036      9.665  14.178
## as.factor(Treatment)Newspaper,Long,NuclearBetter  142.580      9.731  14.652
## as.factor(Treatment)Newspaper,Short,Equal          95.673      9.622   9.944
## as.factor(Treatment)Newspaper,Short,NuclearBetter  95.444      9.537  10.008
## as.factor(Treatment)PlainText,Long,Equal          177.977      9.622  18.498
## as.factor(Treatment)PlainText,Long,NuclearBetter  190.482      9.600  19.842
## as.factor(Treatment)PlainText,Short,Equal         116.177      9.537  12.182
## as.factor(Treatment)PlainText,Short,NuclearBetter 122.438      9.474  12.923
```

```
##                                                 Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal           <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter  <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal          <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 143.7 on 1785 degrees of freedom
## Multiple R-squared:  0.4828, Adjusted R-squared:  0.4804
## F-statistic: 208.3 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Timer[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Timer[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Timer[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Timer[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Timer[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Timer[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Timer[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Timer[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

```
##### Scientist_Check_Binary

Scientist_Check_Binary_Form_1 <- Scientist_Check_Binary ~ Newspaper + Long + NukeAdv


Scientist_Check_Binary_Full <- Scientist_Check_Binary ~ 0 + as.factor(Treatment)


lm_Scientist_Check_Binary_Full <- lm(Scientist_Check_Binary_Full,
                    data = DF3)

summary(lm_Scientist_Check_Binary_Full)
```

```
##
## Call:
## lm(formula = Scientist_Check_Binary_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -0.4933 -0.4480 -0.3527  0.5520  0.6473
##
## Coefficients:
##                                                Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal         0.44796    0.03330   13.45
## as.factor(Treatment)Newspaper,Long,NuclearBetter   0.38532    0.03353   11.49
## as.factor(Treatment)Newspaper,Short,Equal          0.49327    0.03315   14.88
## as.factor(Treatment)Newspaper,Short,NuclearBetter  0.43612    0.03286   13.27
## as.factor(Treatment)PlainText,Long,Equal           0.44843    0.03315   13.53
## as.factor(Treatment)PlainText,Long,NuclearBetter   0.35268    0.03308   10.66
## as.factor(Treatment)PlainText,Short,Equal          0.48018    0.03286   14.61
## as.factor(Treatment)PlainText,Short,NuclearBetter  0.43913    0.03264   13.45
##                                                Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter  <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal          <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.495 on 1785 degrees of freedom
## Multiple R-squared:  0.4399, Adjusted R-squared:  0.4374
## F-statistic: 175.2 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Scientist_Check_Binary[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Scientist_Check_Binary[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Scientist_Check_Binary[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Scientist_Check_Binary[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Scientist_Check_Binary[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Scientist_Check_Binary[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Scientist_Check_Binary[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Scientist_Check_Binary[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

```
##### Author_Check_Binary

Author_Check_Binary_Form_1 <- Author_Check_Binary ~ Newspaper + Long + NukeAdv


Author_Check_Binary_Full <- Author_Check_Binary ~ 0 + as.factor(Treatment)


lm_Author_Check_Binary_Full <- lm(Author_Check_Binary_Full,
                     data = DF3)

summary(lm_Author_Check_Binary_Full)
```

```
##
## Call:
## lm(formula = Author_Check_Binary_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -0.8414  0.1586  0.1956  0.2071  0.2466
##
## Coefficients:
##                                                  Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal           0.80090    0.02705   29.61
## as.factor(Treatment)Newspaper,Long,NuclearBetter   0.78440    0.02723   28.80
## as.factor(Treatment)Newspaper,Short,Equal          0.75336    0.02692   27.98
## as.factor(Treatment)Newspaper,Short,NuclearBetter  0.79295    0.02669   29.71
## as.factor(Treatment)PlainText,Long,Equal           0.79372    0.02692   29.48
## as.factor(Treatment)PlainText,Long,NuclearBetter   0.80804    0.02686   30.08
## as.factor(Treatment)PlainText,Short,Equal          0.84141    0.02669   31.53
## as.factor(Treatment)PlainText,Short,NuclearBetter  0.80435    0.02651   30.34
##                                                  Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal            <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter    <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal           <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal            <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter    <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4021 on 1785 degrees of freedom
## Multiple R-squared:  0.7982, Adjusted R-squared:  0.7973
## F-statistic: 882.6 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Author_Check_Binary[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Author_Check_Binary[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Author_Check_Binary[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Author_Check_Binary[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Author_Check_Binary[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Author_Check_Binary[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Author_Check_Binary[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Author_Check_Binary[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

```
##### Country_Check_Binary

Country_Check_Binary_Form_1 <- Country_Check_Binary ~ Newspaper + Long + NukeAdv


Country_Check_Binary_Full <- Country_Check_Binary ~ 0 + as.factor(Treatment)


lm_Country_Check_Binary_Full <- lm(Country_Check_Binary_Full,
                     data = DF3)

summary(lm_Country_Check_Binary_Full)
```

```
##
## Call:
## lm(formula = Country_Check_Binary_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -0.8475  0.1525  0.1652  0.2108  0.2489
##
## Coefficients:
##                                                Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal         0.75113    0.02657   28.27
## as.factor(Treatment)Newspaper,Long,NuclearBetter  0.80275    0.02675   30.01
## as.factor(Treatment)Newspaper,Short,Equal         0.78924    0.02645   29.84
## as.factor(Treatment)Newspaper,Short,NuclearBetter 0.81938    0.02621   31.26
## as.factor(Treatment)PlainText,Long,Equal          0.84753    0.02645   32.05
```

```
## as.factor(Treatment)PlainText,Long,NuclearBetter   0.83929    0.02639   31.80
## as.factor(Treatment)PlainText,Short,Equal          0.76211    0.02621   29.07
## as.factor(Treatment)PlainText,Short,NuclearBetter  0.83478    0.02604   32.05
##                                                   Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal            <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter    <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal           <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal            <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter    <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.3949 on 1785 degrees of freedom
## Multiple R-squared:  0.8073, Adjusted R-squared:  0.8065
## F-statistic: 934.9 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Country_Check_Binary[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Country_Check_Binary[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Country_Check_Binary[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Country_Check_Binary[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Country_Check_Binary[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Country_Check_Binary[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Country_Check_Binary[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Country_Check_Binary[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

Experiential

```
##### Cog_Load

Cog_Load_Form_1 <- Cog_Load ~ Newspaper + Long + NukeAdv


Cog_Load_Full <- Cog_Load ~ 0 + as.factor(Treatment)
```

```r
lm_Cog_Load_Full <- lm(Cog_Load_Full,
                       data = DF3)

summary(lm_Cog_Load_Full)
```

```
##
## Call:
## lm(formula = Cog_Load_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -2.9295 -0.7391  0.1883  1.0705  1.5275
##
## Coefficients:
##                                                 Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal          3.57919    0.07066   50.65
## as.factor(Treatment)Newspaper,Long,NuclearBetter  3.47248    0.07114   48.81
## as.factor(Treatment)Newspaper,Short,Equal         3.81166    0.07034   54.19
## as.factor(Treatment)Newspaper,Short,NuclearBetter 3.92952    0.06972   56.36
## as.factor(Treatment)PlainText,Long,Equal          3.58296    0.07034   50.94
## as.factor(Treatment)PlainText,Long,NuclearBetter  3.62946    0.07018   51.71
## as.factor(Treatment)PlainText,Short,Equal         3.84581    0.06972   55.16
## as.factor(Treatment)PlainText,Short,NuclearBetter 3.73913    0.06926   53.98
##                                                 Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal           <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter  <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal          <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.05 on 1785 degrees of freedom
## Multiple R-squared:  0.9258, Adjusted R-squared:  0.9255
## F-statistic:  2786 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```r
length(na.omit(DF3$Cog_Load[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```r
length(na.omit(DF3$Cog_Load[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```r
length(na.omit(DF3$Cog_Load[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```r
length(na.omit(DF3$Cog_Load[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Cog_Load[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Cog_Load[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Cog_Load[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Cog_Load[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

```
##### Enjoyment

Enjoyment_Form_1 <- Enjoyment ~ Newspaper + Long + NukeAdv


Enjoyment_Full <- Enjoyment ~ 0 + as.factor(Treatment)


lm_Enjoyment_Full <- lm(Enjoyment_Full,
                        data = DF3)

summary(lm_Enjoyment_Full)
```

```
##
## Call:
## lm(formula = Enjoyment_Full, data = DF3)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.01345 -0.92825  0.04846  1.01810  2.14220
##
## Coefficients:
##                                                 Estimate Std. Error t value
## as.factor(Treatment)Newspaper,Long,Equal          2.98190    0.07560   39.44
## as.factor(Treatment)Newspaper,Long,NuclearBetter  2.85780    0.07612   37.55
## as.factor(Treatment)Newspaper,Short,Equal         2.92825    0.07526   38.91
## as.factor(Treatment)Newspaper,Short,NuclearBetter 2.95154    0.07459   39.57
## as.factor(Treatment)PlainText,Long,Equal          3.01345    0.07526   40.04
## as.factor(Treatment)PlainText,Long,NuclearBetter  2.90625    0.07509   38.70
## as.factor(Treatment)PlainText,Short,Equal         2.92511    0.07459   39.21
## as.factor(Treatment)PlainText,Short,NuclearBetter 3.00435    0.07410   40.54
##                                                 Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal           <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal          <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter  <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal          <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter  <2e-16 ***
## ---
```

```
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.124 on 1785 degrees of freedom
## Multiple R-squared:  0.8735, Adjusted R-squared:  0.873
## F-statistic:  1541 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Enjoyment[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Enjoyment[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Enjoyment[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Enjoyment[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Enjoyment[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Enjoyment[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Enjoyment[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Enjoyment[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

```
##### Interest

Interest_Form_1 <- Interest ~ Newspaper + Long + NukeAdv


Interest_Full <- Interest ~ 0 + as.factor(Treatment)


lm_Interest_Full <- lm(Interest_Full,
                       data = DF3)

summary(lm_Interest_Full)
```

```
##
## Call:
## lm(formula = Interest_Full, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.2143 -0.2115 -0.0717  0.8117  0.9283
##
## Coefficients:
##                                              Estimate Std. Error t value
```

```
## as.factor(Treatment)Newspaper,Long,Equal           4.11765    0.06839   60.21
## as.factor(Treatment)Newspaper,Long,NuclearBetter   4.19266    0.06886   60.89
## as.factor(Treatment)Newspaper,Short,Equal          4.07175    0.06808   59.81
## as.factor(Treatment)Newspaper,Short,NuclearBetter  4.21145    0.06748   62.41
## as.factor(Treatment)PlainText,Long,Equal           4.18834    0.06808   61.52
## as.factor(Treatment)PlainText,Long,NuclearBetter   4.21429    0.06793   62.04
## as.factor(Treatment)PlainText,Short,Equal          4.12775    0.06748   61.17
## as.factor(Treatment)PlainText,Short,NuclearBetter  4.18261    0.06704   62.39
##                                                   Pr(>|t|)
## as.factor(Treatment)Newspaper,Long,Equal            <2e-16 ***
## as.factor(Treatment)Newspaper,Long,NuclearBetter    <2e-16 ***
## as.factor(Treatment)Newspaper,Short,Equal           <2e-16 ***
## as.factor(Treatment)Newspaper,Short,NuclearBetter   <2e-16 ***
## as.factor(Treatment)PlainText,Long,Equal            <2e-16 ***
## as.factor(Treatment)PlainText,Long,NuclearBetter    <2e-16 ***
## as.factor(Treatment)PlainText,Short,Equal           <2e-16 ***
## as.factor(Treatment)PlainText,Short,NuclearBetter   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.017 on 1785 degrees of freedom
## Multiple R-squared:  0.944,  Adjusted R-squared:  0.9437
## F-statistic:  3759 on 8 and 1785 DF,  p-value: < 2.2e-16
```

```
length(na.omit(DF3$Interest[DF3$Treatment=="Newspaper,Long,Equal"]))
```

```
## [1] 221
```

```
length(na.omit(DF3$Interest[DF3$Treatment=="Newspaper,Long,NuclearBetter"]))
```

```
## [1] 218
```

```
length(na.omit(DF3$Interest[DF3$Treatment=="Newspaper,Short,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Interest[DF3$Treatment=="Newspaper,Short,NuclearBetter"]))
```

```
## [1] 227
```

```
length(na.omit(DF3$Interest[DF3$Treatment=="PlainText,Long,Equal"]))
```

```
## [1] 223
```

```
length(na.omit(DF3$Interest[DF3$Treatment=="PlainText,Long,NuclearBetter"]))
```

```
## [1] 224
```

```
length(na.omit(DF3$Interest[DF3$Treatment=="PlainText,Short,Equal"]))
```

```
## [1] 227
```

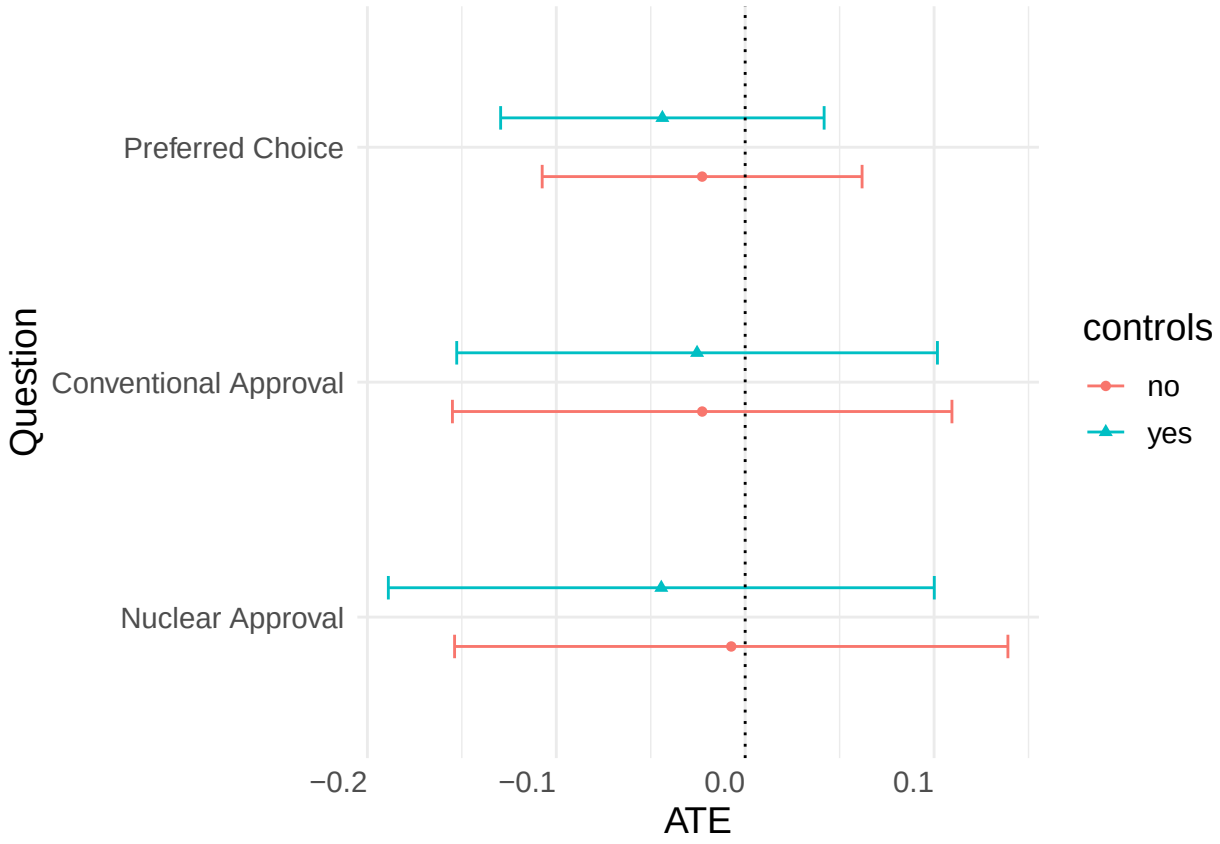
```
length(na.omit(DF3$Interest[DF3$Treatment=="PlainText,Short,NuclearBetter"]))
```

```
## [1] 230
```

Graphs

Nuclear Questions

```
#put all the names, estimates, SEs, and behavior into one df for graphing
Results_DF <- as.data.frame(matrix(data = c("Nuclear Approval", coeftest(NukeAppr_1)[2, 1:2],"no",
                                    "Nuclear Approval", coeftest(NukeAppr_5)[2, 1:2], "yes",
                                    "Conventional Approval", coeftest(ConvAppr_1)[2, 1:2], "no",
                                    "Conventional Approval", coeftest(ConvAppr_5)[2, 1:2], "yes",
                                    "Preferred Choice", coeftest(Choice_1)[2, 1:2], "no",
                                    "Preferred Choice", coeftest(Choice_5)[2, 1:2], "yes"),
                                    ncol = 4, byrow = TRUE))

colnames(Results_DF) <- c("dv", "estimate", "se", "controls")

#making into correct operators
Results_DF$dv <- factor(Results_DF$dv, levels = c("Nuclear Approval", "Conventional Approval", "Preferr
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q


## graph time
pd <- position_dodge(0.5)

ggplot(Results_DF, aes(x = dv, y = estimate, color = controls))  +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()
```

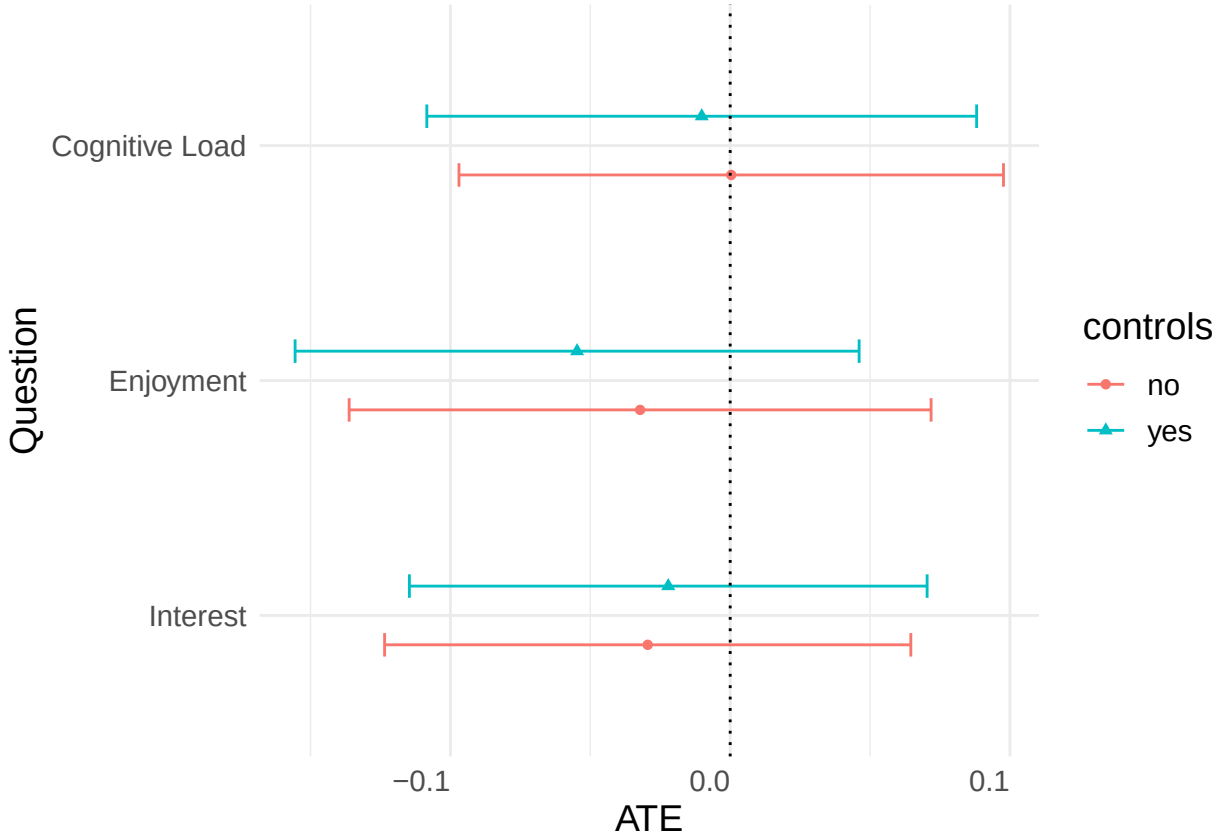



```
#   ggtitle("ATE of Newspaper Treatment on Nuclear DVs") #removed for paper
```

Experiential Questions

```
#put all the names, estimates, SEs, and behavior into one df for graphing
Results_DF <- as.data.frame(matrix(data = c("Interest", coeftest(Interest_1)[2, 1:2],"no",
                                    "Interest", coeftest(Interest_5)[2, 1:2], "yes",
                                    "Enjoyment", coeftest(Enjoyment_1)[2, 1:2], "no",
                                    "Enjoyment", coeftest(Enjoyment_5)[2, 1:2], "yes",
                                     "Cognitive Load", coeftest(Cog_Load_1)[2, 1:2], "no",
                                    "Cognitive Load", coeftest(Cog_Load_5)[2, 1:2], "yes"),
                                    ncol = 4, byrow = TRUE))

colnames(Results_DF) <- c("dv", "estimate", "se", "controls")

#making into correct operators
Results_DF$dv <- factor(Results_DF$dv, levels = c("Interest", "Enjoyment", "Cognitive Load"))
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)

#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q


## graph time
pd <- position_dodge(0.5)
```

```
ggplot(Results_DF, aes(x = dv, y = estimate, color = controls))  +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()
```

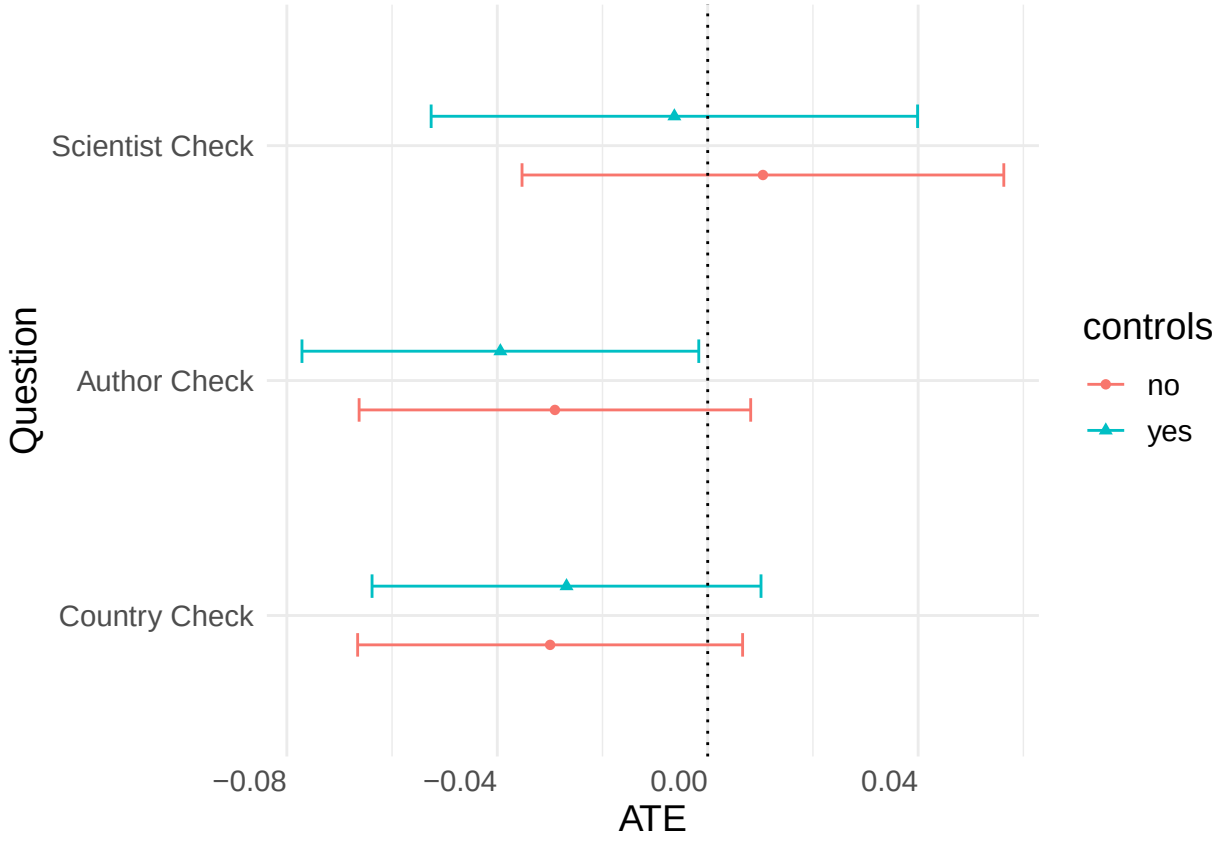



```
#   ggtitle("ATE of Newspaper Treatment on Experiential DVs") #removed for paper
```

AC Questions

```
#put all the names, estimates, SEs, and behavior into one df for graphing
Results_DF <- as.data.frame(matrix(data = c("Country Check", coeftest(Country_Check_Binary_1)[2, 1:2],"
                                    "Country Check", coeftest(Country_Check_Binary_5)[2, 1:2], "yes",
                                    "Author Check", coeftest(Author_Check_Binary_1)[2, 1:2], "no",
                                    "Author Check", coeftest(Author_Check_Binary_5)[2, 1:2], "yes",
                                    "Scientist Check", coeftest(Scientist_Check_Binary_1)[2, 1:2], "no",
                                    "Scientist Check", coeftest(Scientist_Check_Binary_5)[2, 1:2], "yes"
                                    ncol = 4, byrow = TRUE))

colnames(Results_DF) <- c("dv", "estimate", "se", "controls")

#making into correct operators
Results_DF$dv <- factor(Results_DF$dv, levels = c("Country Check", "Author Check", "Scientist Check"))
Results_DF$estimate <- as.numeric(Results_DF$estimate)
Results_DF$se <- as.numeric(Results_DF$se)
```

```r
#adding in CIs
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
Results_DF$ci <- Results_DF$se*q


## graph time
pd <- position_dodge(0.5)

ggplot(Results_DF, aes(x = dv, y = estimate, color = controls))  +
  geom_point(aes(color=controls, shape=controls), position = pd) +
  geom_errorbar(aes(ymin = estimate - ci, ymax = estimate + ci), width = .2, position = pd) +
  theme_minimal() + xlab("Question") + ylab("ATE") +
  geom_hline(yintercept = 0, linetype="dotted") +
  theme(axis.text.x = element_text(hjust = 1), text = element_text(size = 14)) + coord_flip()
```




```r
#   ggtitle("ATE of Newspaper Treatment on Attention Checks") #removed for paper
```

Difference in Difference

```r
# create split DFs for later
DF_Newspaper <- subset(DF3, DF3$Newspaper==1)
DF_PlainText <- subset(DF3, DF3$Newspaper==0)
```

Nuclear Advantage and Graphical Realism

```
### Difference in difference for Nuclear Approval


Nuclear_Approval_Form_1_DiD <- Nuclear_Approval ~ Newspaper + NukeAdv + Newspaper*NukeAdv

Nuclear_Approval_Form_5_DiD <- Nuclear_Approval ~ Newspaper + NukeAdv + Newspaper*NukeAdv  +
 Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))



Nuclear_Approval_Form_7_DiD <- Nuclear_Approval ~ Newspaper + NukeAdv + Newspaper*NukeAdv  +
   Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some


Nuclear_Approval_1_DiD <- lm(Nuclear_Approval_Form_1_DiD, data = DF3)
Nuclear_Approval_5_DiD <- lm(Nuclear_Approval_Form_5_DiD, data = DF3)
Nuclear_Approval_7_DiD <- lm(Nuclear_Approval_Form_7_DiD, data = DF3)

summary(lm(Nuclear_Approval_Form_1_DiD, data = DF3))
```

```
##
## Call:
## lm(formula = Nuclear_Approval_Form_1_DiD, data = DF3)
##
## Residuals:
##    Min     1Q Median     3Q    Max
## -2.315 -1.315  0.060  1.086  3.086
##
## Coefficients:
##                   Estimate Std. Error t value Pr(>|t|)
## (Intercept)        2.94000    0.07460  39.411  < 2e-16 ***
## Newspaper         -0.02559    0.10586  -0.242 0.809037
## NukeAdv            0.36396    0.10527   3.458 0.000558 ***
## Newspaper:NukeAdv  0.03623    0.14950   0.242 0.808550
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.582 on 1789 degrees of freedom
## Multiple R-squared:  0.01442,    Adjusted R-squared:  0.01277
## F-statistic: 8.727 on 3 and 1789 DF,  p-value: 9.55e-06
```

```
stargazer(Nuclear_Approval_1_DiD, Nuclear_Approval_5_DiD, Nuclear_Approval_7_DiD, title = "Nuclear_Appr
```

```
##
```

```
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:30
## \begin{table}[!htbp] \centering
##   \caption{Nuclear_Approval, Difference in Difference}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Nuclear\_Approval} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.026 & $-$0.075 & $-$0.043 \\
##   & (0.106) & (0.105) & (0.105) \\
##   NukeAdv & 0.364$^{***}$ & 0.322$^{***}$ & 0.327$^{***}$ \\
##   & (0.105) & (0.104) & (0.104) \\
##   Q.Female &  & 0.141$^{*}$ & 0.123 \\
##   &  & (0.075) & (0.075) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.232$^{**}$ & 0.240$^{**}$ \\
##   &  & (0.109) & (0.109) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & $-$0.769 & $-$0.718 \\
##   &  & (0.771) & (0.772) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.086 & $-$0.041 \\
##   &  & (0.168) & (0.168) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & 0.197 & 0.196 \\
##   &  & (0.180) & (0.180) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.195 & 0.170 \\
##   &  & (0.317) & (0.318) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.212 & $-$0.237 \\
##   &  & (0.692) & (0.692) \\
##   Q.Age &  & 0.001 & 0.002 \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.258 &  \\
##   &  & (0.309) &  \\
##   Q.Bach &  & $-$0.218$^{***}$ & $-$0.222$^{***}$ \\
##   &  & (0.082) & (0.082) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.397$^{***}$ &  \\
##   &  & (0.124) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.077 &  \\
##   &  & (0.106) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$0.191$^{*}$ &  \\
##   &  & (0.113) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.029 &
##   &  & (0.119) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & $-$0.03
##   &  & (0.119) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & $-$0.0
##   &  & (0.114) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.059 &
##   &  & (0.105) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 1.022$^{***}$ &  \\
##   &  & (0.117) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.051 &  \\
```

```
##   &  & (0.106) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.050 &  \\
##   &  & (0.086) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.158
##   &  & (0.077) &  \\
##   Q.Income &  &  & 0.066$^{***}$ \\
##   &  &  & (0.018) \\
##   Q.Conservative &  &  & 0.520$^{***}$ \\
##   &  &  & (0.106) \\
##   Q.Liberal &  &  & $-$0.278$^{***}$ \\
##   &  &  & (0.092) \\
##   Q.Veteran &  & 0.168 & 0.160 \\
##   &  & (0.151) & (0.151) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.176$^{*}$ &  \\
##   &  & (0.091) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.157$^{*}$ &  \\
##   &  & (0.089) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.002 &  \\
##   &  & (0.085) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.078 &
##   &  & (0.089) &  \\
##   Q.Twitter\_Some &  &  & 0.219$^{***}$ \\
##   &  &  & (0.082) \\
##   Newspaper:NukeAdv & 0.036 & 0.059 & 0.053 \\
##   & (0.149) & (0.147) & (0.147) \\
##   Constant & 2.940$^{***}$ & 2.869$^{***}$ & 2.500$^{***}$ \\
##   & (0.075) & (0.330) & (0.180) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.014 & 0.093 & 0.077 \\
## Adjusted R$^{2}$ & 0.013 & 0.077 & 0.068 \\
## Residual Std. Error & 1.582 (df = 1789) & 1.525 (df = 1714) & 1.532 (df = 1726) \\
## F Statistic & 8.727$^{***}$ (df = 3; 1789) & 6.044$^{***}$ (df = 29; 1714) & 8.508$^{***}$ (df = 17;
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
### Difference in difference for Conventional Approval


Conv_Approval_Form_1_DiD <- Conv_Approval ~ Newspaper + NukeAdv + Newspaper*NukeAdv

Conv_Approval_Form_5_DiD <- Conv_Approval ~ Newspaper + NukeAdv + Newspaper*NukeAdv  +
 Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))
```

```r
Conv_Approval_Form_7_DiD <- Conv_Approval ~ Newspaper + NukeAdv + Newspaper*NukeAdv  +
   Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some


Conv_Approval_1_DiD <- lm(Conv_Approval_Form_1_DiD, data = DF3)
Conv_Approval_5_DiD <- lm(Conv_Approval_Form_5_DiD, data = DF3)
Conv_Approval_7_DiD <- lm(Conv_Approval_Form_7_DiD, data = DF3)

summary(lm(Conv_Approval_Form_1_DiD, data = DF3))
```

```
##
## Call:
## lm(formula = Conv_Approval_Form_1_DiD, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.1311 -1.0495  0.2045  0.9505  2.2401
##
## Coefficients:
##                   Estimate Std. Error t value Pr(>|t|)
## (Intercept)        4.13111    0.06735  61.341  < 2e-16 ***
## Newspaper         -0.08156    0.09556  -0.853    0.394
## NukeAdv           -0.37120    0.09503  -3.906 9.73e-05 ***
## Newspaper:NukeAdv  0.11716    0.13496   0.868    0.385
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.429 on 1789 degrees of freedom
## Multiple R-squared:  0.01236,    Adjusted R-squared:  0.01071
## F-statistic: 7.465 on 3 and 1789 DF,  p-value: 5.756e-05
```

```r
stargazer(Conv_Approval_1_DiD, Conv_Approval_5_DiD, Conv_Approval_7_DiD, title = "Conv_Approval, Differe
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:31
## \begin{table}[!htbp] \centering
##   \caption{Conv_Approval, Difference in Difference}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Conv\_Approval} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.082 & $-$0.080 & $-$0.053 \\
##   & (0.096) & (0.093) & (0.092) \\
##   NukeAdv & $-$0.371$^{***}$ & $-$0.380$^{***}$ & $-$0.360$^{***}$ \\
```

```
##   & (0.095) & (0.091) & (0.091) \\
##   Q.Female &  & $-$0.429$^{***}$ & $-$0.435$^{***}$ \\
##   &  & (0.066) & (0.066) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & $-$0.378$^{***}$ & $-$0.362$^{***}$ \\
##   &  & (0.096) & (0.096) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & $-$0.852 & $-$0.747 \\
##   &  & (0.678) & (0.680) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.458$^{***}$ & $-$0.422$^{***}$ \\
##   &  & (0.148) & (0.148) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.219 & $-$0.218 \\
##   &  & (0.158) & (0.158) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.415 & 0.398 \\
##   &  & (0.279) & (0.279) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.531 & $-$0.426 \\
##   &  & (0.610) & (0.609) \\
##   Q.Age &  & 0.015$^{***}$ & 0.015$^{***}$ \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.310 &  \\
##   &  & (0.272) &  \\
##   Q.Bach &  & 0.093 & 0.095 \\
##   &  & (0.072) & (0.072) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.241$^{**}$ &  \\
##   &  & (0.109) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & $-$0.017 &  \\
##   &  & (0.093) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & 0.048 &  \\
##   &  & (0.100) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.058 &
##   &  & (0.105) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.011 &
##   &  & (0.105) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.180$
##   &  & (0.101) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & $-$0.0
##   &  & (0.093) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.582$^{***}$ &  \\
##   &  & (0.103) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.001 &  \\
##   &  & (0.093) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.117 &  \\
##   &  & (0.076) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.133
##   &  & (0.068) &  \\
##   Q.Income &  &  & 0.046$^{***}$ \\
##   &  &  & (0.016) \\
##   Q.Conservative &  &  & 0.327$^{***}$ \\
##   &  &  & (0.093) \\
##   Q.Liberal &  &  & $-$0.067 \\
##   &  &  & (0.081) \\
##   Q.Veteran &  & $-$0.083 & $-$0.069 \\
##   &  & (0.133) & (0.133) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.108 &  \\
##   &  & (0.080) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.031 &  \\
```

```
##   &  & (0.079) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.092 &  \\
##   &  & (0.075) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.149$^{*
##   &  & (0.078) &  \\
##   Q.Twitter\_Some &  &  & 0.068 \\
##   &  &  & (0.072) \\
##   Newspaper:NukeAdv & 0.117 & 0.106 & 0.095 \\
##   & (0.135) & (0.130) & (0.130) \\
##   Constant & 4.131$^{***}$ & 3.507$^{***}$ & 3.414$^{***}$ \\
##   & (0.067) & (0.290) & (0.158) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.012 & 0.132 & 0.118 \\
## Adjusted R$^{2}$ & 0.011 & 0.117 & 0.109 \\
## Residual Std. Error & 1.429 (df = 1789) & 1.342 (df = 1714) & 1.348 (df = 1726) \\
## F Statistic & 7.465$^{***}$ (df = 3; 1789) & 8.973$^{***}$ (df = 29; 1714) & 13.590$^{***}$ (df = 17
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
### Difference in difference for choice


Choice_Form_1_DiD <- Choice ~ Newspaper + NukeAdv + Newspaper*NukeAdv

Choice_Form_5_DiD <- Choice ~ Newspaper + NukeAdv + Newspaper*NukeAdv  +
 Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))



Choice_Form_7_DiD <- Choice ~ Newspaper + NukeAdv + Newspaper*NukeAdv  +
   Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some


Choice_1_DiD <- lm(Choice_Form_1_DiD, data = DF3)
Choice_5_DiD <- lm(Choice_Form_5_DiD, data = DF3)
Choice_7_DiD <- lm(Choice_Form_7_DiD, data = DF3)

summary(lm(Choice_Form_1_DiD, data = DF3))
```

```
##
## Call:
## lm(formula = Choice_Form_1_DiD, data = DF3)
```

```
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -1.3414 -0.6239 -0.2899  0.6586  2.3822
##
## Coefficients:
##                    Estimate Std. Error t value Pr(>|t|)
## (Intercept)        1.617778   0.043110  37.527   <2e-16 ***
## Newspaper          0.006096   0.061172   0.100    0.921
## NukeAdv            0.723632   0.060832  11.896   <2e-16 ***
## Newspaper:NukeAdv -0.057618   0.086391  -0.667    0.505
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.9145 on 1789 degrees of freedom
## Multiple R-squared:  0.1268, Adjusted R-squared:  0.1253
## F-statistic: 86.57 on 3 and 1789 DF,  p-value: < 2.2e-16
```

```
stargazer(Choice_1_DiD, Choice_5_DiD, Choice_7_DiD, title = "Choice, Difference in Difference", no.spac
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:31
## \begin{table}[!htbp] \centering
##   \caption{Choice, Difference in Difference}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Choice} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & 0.006 & $-$0.018 & $-$0.010 \\
##   & (0.061) & (0.062) & (0.062) \\
##   NukeAdv & 0.724$^{***}$ & 0.715$^{***}$ & 0.714$^{***}$ \\
##   & (0.061) & (0.061) & (0.061) \\
##   Q.Female &  & 0.138$^{***}$ & 0.131$^{***}$ \\
##   &  & (0.045) & (0.044) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.181$^{***}$ & 0.188$^{***}$ \\
##   &  & (0.065) & (0.064) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & $-$0.201 & $-$0.230 \\
##   &  & (0.456) & (0.455) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & 0.085 & 0.090 \\
##   &  & (0.099) & (0.099) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & 0.178$^{*}$ & 0.173 \\
##   &  & (0.106) & (0.106) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & $-$0.040 & $-$0.050 \\
##   &  & (0.188) & (0.187) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.282 & $-$0.328 \\
##   &  & (0.410) & (0.408) \\
##   Q.Age &  & $-$0.005$^{***}$ & $-$0.005$^{***}$ \\
##   &  & (0.001) & (0.001) \\
##   Q.HighSchool &  & $-$0.051 &  \\
```

```
##   &  & (0.183) &  \\
##   Q.Bach &  & $-$0.054 & $-$0.055 \\
##   &  & (0.049) & (0.048) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.152$^{**}$ &  \\
##   &  & (0.073) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.013 &  \\
##   &  & (0.063) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$0.092 &  \\
##   &  & (0.067) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & $-$0.0
##   &  & (0.071) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.029 &
##   &  & (0.071) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & $-$0.0
##   &  & (0.068) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.052 &
##   &  & (0.062) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.341$^{***}$ &  \\
##   &  & (0.069) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.055 &  \\
##   &  & (0.062) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.012 &  \\
##   &  & (0.051) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.040
##   &  & (0.046) &  \\
##   Q.Income &  &  & 0.023$^{**}$ \\
##   &  &  & (0.011) \\
##   Q.Conservative &  &  & 0.196$^{***}$ \\
##   &  &  & (0.063) \\
##   Q.Liberal &  &  & $-$0.069 \\
##   &  &  & (0.054) \\
##   Q.Veteran &  & 0.186$^{**}$ & 0.180$^{**}$ \\
##   &  & (0.089) & (0.089) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.045 &  \\
##   &  & (0.054) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.046 &  \\
##   &  & (0.053) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.044 &  \\
##   &  & (0.050) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.022 &
##   &  & (0.052) &  \\
##   Q.Twitter\_Some &  &  & 0.047 \\
##   &  &  & (0.048) \\
##   Newspaper:NukeAdv & $-$0.058 & $-$0.051 & $-$0.050 \\
##   & (0.086) & (0.087) & (0.087) \\
##   Constant & 1.618$^{***}$ & 1.917$^{***}$ & 1.653$^{***}$ \\
##   & (0.043) & (0.195) & (0.106) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.127 & 0.164 & 0.159 \\
## Adjusted R$^{2}$ & 0.125 & 0.150 & 0.151 \\
## Residual Std. Error & 0.914 (df = 1789) & 0.903 (df = 1714) & 0.903 (df = 1726) \\
## F Statistic & 86.565$^{***}$ (df = 3; 1789) & 11.584$^{***}$ (df = 29; 1714) & 19.201$^{***}$ (df =
## \hline
```

```
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
coef(summary(lm(Conv_Approval_Form_1_DiD, data = DF3)))
```

```
##                       Estimate Std. Error    t value     Pr(>|t|)
## (Intercept)        4.13111111 0.06734696 61.3407172 0.000000e+00
## Newspaper         -0.08156156 0.09556422 -0.8534739 3.935108e-01
## NukeAdv           -0.37119922 0.09503297 -3.9060045 9.732302e-05
## Newspaper:NukeAdv  0.11715529 0.13496202  0.8680611 3.854773e-01
```

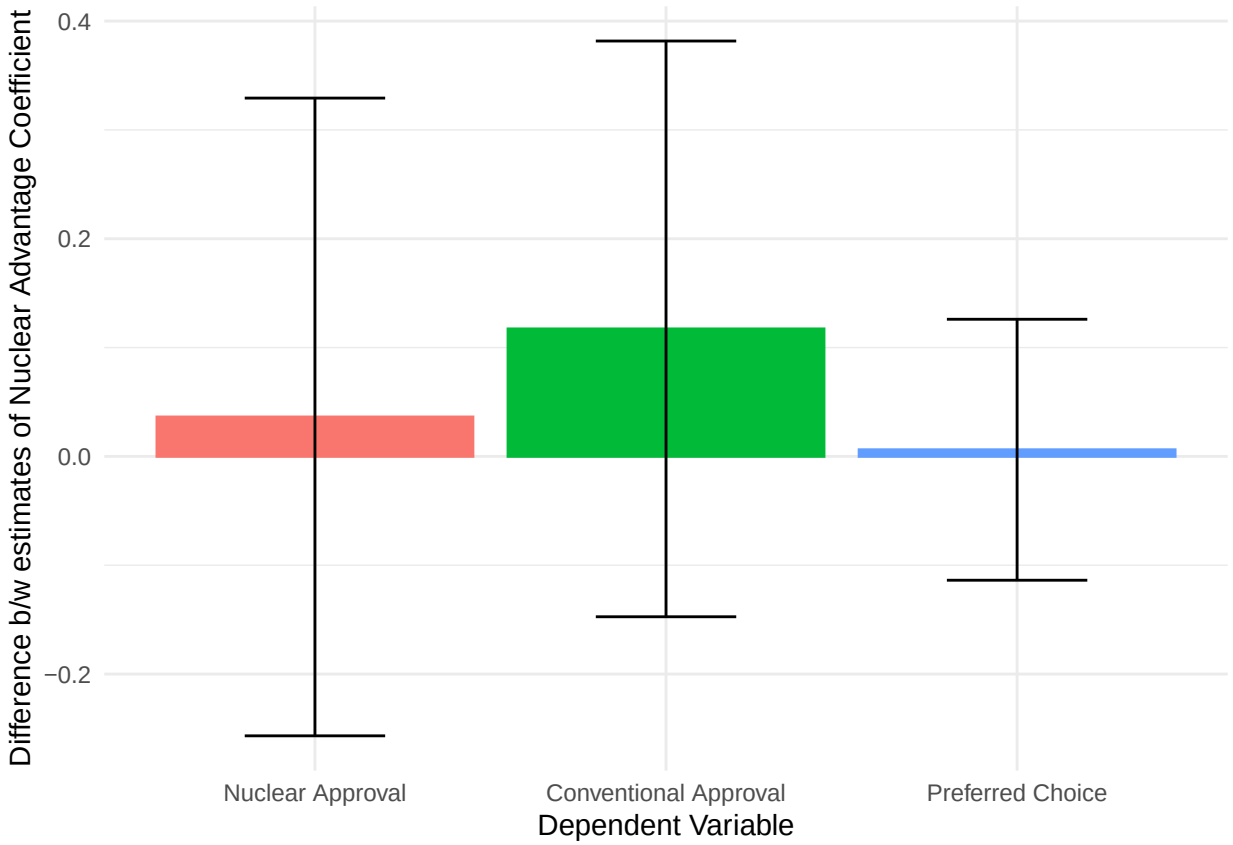
```
coef(summary(lm(Conv_Approval_Form_1_DiD, data = DF3)))[4,1]
```

```
## [1] 0.1171553
```

```
coef(summary(lm(Conv_Approval_Form_1_DiD, data = DF3)))[4,2]
```

```
## [1] 0.134962
```

```
#DiD Graph

DiD_DF <- as.data.frame(matrix(data =
                                 c(coef(summary(lm(Nuclear_Approval_Form_1_DiD, data = DF3)))[4,1], "Nu
                                   coef(summary(lm(Nuclear_Approval_Form_1_DiD, data = DF3)))[4,2],
                                   coef(summary(lm(Conv_Approval_Form_1_DiD, data = DF3)))[4,1], "Conve
                                   coef(summary(lm(Conv_Approval_Form_1_DiD, data = DF3)))[4,2],
                                   coef(summary(lm(Choice_Form_1_DiD, data = DF3)))[2,1], "Preferred Ch
                                   coef(summary(lm(Choice_Form_1_DiD, data = DF3)))[2,2]),
                               ncol=3, byrow = TRUE))

colnames(DiD_DF) <- c("Difference", "Medium", "se")
DiD_DF$Medium <- factor(DiD_DF$Medium, levels = c("Nuclear Approval", "Conventional Approval", "Preferr
DiD_DF$Difference <- as.numeric(DiD_DF$Difference)
DiD_DF$se <- as.numeric(DiD_DF$se)
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
DiD_DF$ci <- DiD_DF$se*q


ggplot(DiD_DF, aes(x = Medium, y = Difference, color = Medium, fill = Medium))  +
  geom_bar(stat="identity", show.legend = FALSE)  +
  theme_minimal() + xlab("Dependent Variable") + ylab("Difference b/w estimates of Nuclear Advantage Co
   geom_errorbar( aes(x=Medium, ymin=Difference-ci, ymax=Difference+ci), width=0.4, colour="black")
```




```
# removed for paper:  ggtitle("Difference in difference, Newspaper vs. Plain Text, No Controls, 95% CIs
```

Diff-in-diff, Length and Graphical Realism

```
### Difference in difference for Interest


Interest_Form_1_DiD <- Interest ~ Newspaper + Long + Newspaper*Long

Interest_Form_5_DiD <- Interest ~ Newspaper + Long + Newspaper*Long  +
 Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))



Interest_Form_7_DiD <- Interest ~ Newspaper + Long + Newspaper*Long  +
   Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some
```

```r
Interest_1_DiD <- lm(Interest_Form_1_DiD, data = DF3)
Interest_5_DiD <- lm(Interest_Form_5_DiD, data = DF3)
Interest_7_DiD <- lm(Interest_Form_7_DiD, data = DF3)

summary(lm(Interest_Form_1_DiD, data = DF3))
```

```
##
## Call:
## lm(formula = Interest_Form_1_DiD, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.2013 -0.2013 -0.1422  0.8446  0.8578
##
## Coefficients:
##                Estimate Std. Error t value Pr(>|t|)
## (Intercept)     4.15536    0.04755  87.397   <2e-16 ***
## Newspaper      -0.01314    0.06750  -0.195    0.846
## Long            0.04598    0.06762   0.680    0.497
## Newspaper:Long -0.03331    0.09603  -0.347    0.729
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.016 on 1789 degrees of freedom
## Multiple R-squared:  0.0004903,  Adjusted R-squared:  -0.001186
## F-statistic: 0.2925 on 3 and 1789 DF,  p-value: 0.8308
```

```r
stargazer(Interest_1_DiD, Interest_5_DiD, Interest_7_DiD, title = "Interest, Difference in Difference",
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:31
## \begin{table}[!htbp] \centering
##   \caption{Interest, Difference in Difference}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Interest} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.013 & 0.031 & 0.029 \\
##   & (0.068) & (0.066) & (0.066) \\
##   Long & 0.046 & 0.047 & 0.050 \\
##   & (0.068) & (0.066) & (0.066) \\
##   Q.Female &  & $-$0.331$^{***}$ & $-$0.343$^{***}$ \\
##   &  & (0.048) & (0.048) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & $-$0.312$^{***}$ & $-$0.279$^{***}$ \\
##   &  & (0.070) & (0.069) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 0.413 & 0.354 \\
##   &  & (0.494) & (0.494) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.071 & $-$0.089 \\
```

```
##   &  & (0.108) & (0.107) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.035 & $-$0.036 \\
##   &  & (0.115) & (0.115) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.152 & 0.133 \\
##   &  & (0.203) & (0.203) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & 0.171 & 0.204 \\
##   &  & (0.443) & (0.443) \\
##   Q.Age &  & 0.012$^{***}$ & 0.012$^{***}$ \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.059 &  \\
##   &  & (0.198) &  \\
##   Q.Bach &  & $-$0.085 & $-$0.072 \\
##   &  & (0.053) & (0.052) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.103 &  \\
##   &  & (0.079) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & $-$0.115$^{*}$ &  \\
##   &  & (0.068) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & 0.106 &  \\
##   &  & (0.072) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & $-$0.0
##   &  & (0.076) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.154$
##   &  & (0.076) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.069 &
##   &  & (0.073) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.068 &
##   &  & (0.067) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & $-$0.084 &  \\
##   &  & (0.075) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.216$^{***}$ &  \\
##   &  & (0.068) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.126$^{**}$ &  \\
##   &  & (0.055) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.068
##   &  & (0.049) &  \\
##   Q.Income &  &  & 0.020$^{*}$ \\
##   &  &  & (0.012) \\
##   Q.Conservative &  &  & 0.105 \\
##   &  &  & (0.068) \\
##   Q.Liberal &  &  & 0.265$^{***}$ \\
##   &  &  & (0.059) \\
##   Q.Veteran &  & 0.064 & 0.062 \\
##   &  & (0.096) & (0.096) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.268$^{***}$ &  \\
##   &  & (0.058) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.055 &  \\
##   &  & (0.057) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.032 &  \\
##   &  & (0.054) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.040 &
##   &  & (0.057) &  \\
##   Q.Twitter\_Some &  &  & 0.227$^{***}$ \\
##   &  &  & (0.052) \\
##   Newspaper:Long & $-$0.033 & $-$0.111 & $-$0.087 \\
```

```
##   & (0.096) & (0.094) & (0.094) \\
##   Constant & 4.155$^{***}$ & 3.848$^{***}$ & 3.465$^{***}$ \\
##   & (0.048) & (0.210) & (0.114) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.0005 & 0.098 & 0.086 \\
## Adjusted R$^{2}$ & $-$0.001 & 0.083 & 0.077 \\
## Residual Std. Error & 1.016 (df = 1789) & 0.977 (df = 1714) & 0.980 (df = 1726) \\
## F Statistic & 0.293 (df = 3; 1789) & 6.447$^{***}$ (df = 29; 1714) & 9.580$^{***}$ (df = 17; 1726) \
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
### Difference in difference for Conventional Approval


Enjoyment_Form_1_DiD <- Enjoyment ~ Newspaper + Long + Newspaper*Long

Enjoyment_Form_5_DiD <- Enjoyment ~ Newspaper + Long + Newspaper*Long  +
 Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))



Enjoyment_Form_7_DiD <- Enjoyment ~ Newspaper + Long + Newspaper*Long  +
   Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some


Enjoyment_1_DiD <- lm(Enjoyment_Form_1_DiD, data = DF3)
Enjoyment_5_DiD <- lm(Enjoyment_Form_5_DiD, data = DF3)
Enjoyment_7_DiD <- lm(Enjoyment_Form_7_DiD, data = DF3)

summary(lm(Enjoyment_Form_1_DiD, data = DF3))
```

```
##
## Call:
## lm(formula = Enjoyment_Form_1_DiD, data = DF3)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.96499 -0.94000  0.04027  1.04027  2.07973
##
## Coefficients:
##                 Estimate Std. Error t value Pr(>|t|)
## (Intercept)     2.964989   0.052557  56.415   <2e-16 ***
```

```
## Newspaper      -0.024989   0.074615  -0.335    0.738
## Long           -0.005258   0.074741  -0.070    0.944
## Newspaper:Long -0.014469   0.106145  -0.136    0.892
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.124 on 1789 degrees of freedom
## Multiple R-squared:  0.0002459,  Adjusted R-squared:  -0.001431
## F-statistic: 0.1467 on 3 and 1789 DF,  p-value: 0.9318
```

```
stargazer(Enjoyment_1_DiD, Enjoyment_5_DiD, Enjoyment_7_DiD, title = "Enjoyment, Difference in Differen
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:31
## \begin{table}[!htbp] \centering
##   \caption{Enjoyment, Difference in Difference}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Enjoyment} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & $-$0.025 & $-$0.024 & $-$0.008 \\
##   & (0.075) & (0.072) & (0.072) \\
##   Long & $-$0.005 & 0.005 & 0.013 \\
##   & (0.075) & (0.072) & (0.072) \\
##   Q.Female &  & $-$0.438$^{***}$ & $-$0.467$^{***}$ \\
##   &  & (0.053) & (0.052) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & 0.187$^{**}$ & 0.222$^{***}$ \\
##   &  & (0.076) & (0.076) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 1.150$^{**}$ & 1.188$^{**}$ \\
##   &  & (0.538) & (0.540) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.314$^{***}$ & $-$0.347$^{***}$ \\
##   &  & (0.117) & (0.117) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.036 & $-$0.043 \\
##   &  & (0.125) & (0.126) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.107 & 0.085 \\
##   &  & (0.221) & (0.222) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.392 & $-$0.273 \\
##   &  & (0.483) & (0.483) \\
##   Q.Age &  & $-$0.002 & $-$0.003 \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.176 &  \\
##   &  & (0.216) &  \\
##   Q.Bach &  & $-$0.097$^{*}$ & $-$0.086 \\
##   &  & (0.057) & (0.057) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.442$^{***}$ &  \\
##   &  & (0.086) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.093 &  \\
##   &  & (0.074) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & $-$0.042 &  \\
```

```
##   &  & (0.079) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & $-$0.1
##   &  & (0.083) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & $-$0.1
##   &  & (0.083) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.017 &
##   &  & (0.080) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.099 &
##   &  & (0.073) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.423$^{***}$ &  \\
##   &  & (0.081) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.134$^{*}$ &  \\
##   &  & (0.074) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.046 &  \\
##   &  & (0.060) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.047 &
##   &  & (0.054) &  \\
##   Q.Income &  &  & 0.069$^{***}$ \\
##   &  &  & (0.013) \\
##   Q.Conservative &  &  & 0.186$^{**}$ \\
##   &  &  & (0.074) \\
##   Q.Liberal &  &  & $-$0.111$^{*}$ \\
##   &  &  & (0.064) \\
##   Q.Veteran &  & 0.021 & 0.016 \\
##   &  & (0.105) & (0.105) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.327$^{***}$ &  \\
##   &  & (0.064) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.030 &  \\
##   &  & (0.062) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.089 &  \\
##   &  & (0.059) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.020 &
##   &  & (0.062) &  \\
##   Q.Twitter\_Some &  &  & 0.210$^{***}$ \\
##   &  &  & (0.057) \\
##   Newspaper:Long & $-$0.014 & $-$0.063 & $-$0.046 \\
##   & (0.106) & (0.103) & (0.103) \\
##   Constant & 2.965$^{***}$ & 3.334$^{***}$ & 2.928$^{***}$ \\
##   & (0.053) & (0.228) & (0.125) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.0002 & 0.121 & 0.104 \\
## Adjusted R$^{2}$ & $-$0.001 & 0.106 & 0.095 \\
## Residual Std. Error & 1.124 (df = 1789) & 1.063 (df = 1714) & 1.070 (df = 1726) \\
## F Statistic & 0.147 (df = 3; 1789) & 8.121$^{***}$ (df = 29; 1714) & 11.764$^{***}$ (df = 17; 1726)
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
### Difference in difference for Cog_Load
```

```r
Cog_Load_Form_1_DiD <- Cog_Load ~ Newspaper + Long + Newspaper*Long

Cog_Load_Form_5_DiD <- Cog_Load ~ Newspaper + Long + Newspaper*Long  +
 Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.HighSchool + Q.Bach +
  factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)) +  #treats income as an ordered
  factor(Q.Political_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)) + #treats party as an ordered facto
  Q.Veteran + factor(Q.Twitter_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))



Cog_Load_Form_7_DiD <- Cog_Load ~ Newspaper + Long + Newspaper*Long  +
   Q.Female +
  relevel(as.factor(Q.Race), ref = 1) + #makes white the reference cat
  Q.Age + Q.Bach + Q.Income +  #treats income as a continuous variable, removes high school dummy
  Q.Conservative + Q.Liberal + #uses party binaries
  Q.Veteran + Q.Twitter_Some


Cog_Load_1_DiD <- lm(Cog_Load_Form_1_DiD, data = DF3)
Cog_Load_5_DiD <- lm(Cog_Load_Form_5_DiD, data = DF3)
Cog_Load_7_DiD <- lm(Cog_Load_Form_7_DiD, data = DF3)

summary(lm(Cog_Load_Form_1_DiD, data = DF3))
```

```
##
## Call:
## lm(formula = Cog_Load_Form_1_DiD, data = DF3)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -2.8711 -0.7921  0.2079  1.1289  1.4738
##
## Coefficients:
##                Estimate Std. Error t value Pr(>|t|)
## (Intercept)     3.79212    0.04914  77.176  < 2e-16 ***
## Newspaper       0.07899    0.06976   1.132  0.25766
## Long           -0.18586    0.06988  -2.660  0.00789 **
## Newspaper:Long -0.15906    0.09924  -1.603  0.10916
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.05 on 1789 degrees of freedom
## Multiple R-squared:  0.01705,    Adjusted R-squared:  0.0154
## F-statistic: 10.34 on 3 and 1789 DF,  p-value: 9.472e-07
```

```r
stargazer(Cog_Load_1_DiD, Cog_Load_5_DiD, Cog_Load_7_DiD, title = "Cog_Load, Difference in Difference",
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, May 24, 2024 - 15:36:32
## \begin{table}[!htbp] \centering
##   \caption{Cog_Load, Difference in Difference}
```

```
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
## \cline{2-4}
## \\[-1.8ex] & \multicolumn{3}{c}{Cog\_Load} \\
## \\[-1.8ex] & (1) & (2) & (3)\\
## \hline \\[-1.8ex]
##  Newspaper & 0.079 & 0.087 & 0.100 \\
##   & (0.070) & (0.070) & (0.070) \\
##   Long & $-$0.186$^{***}$ & $-$0.174$^{**}$ & $-$0.172$^{**}$ \\
##   & (0.070) & (0.070) & (0.070) \\
##   Q.Female &  & $-$0.316$^{***}$ & $-$0.322$^{***}$ \\
##   &  & (0.051) & (0.051) \\
##   relevel(as.factor(Q.Race), ref = 1)2 &  & $-$0.0003 & 0.005 \\
##   &  & (0.074) & (0.073) \\
##   relevel(as.factor(Q.Race), ref = 1)3 &  & 0.254 & 0.241 \\
##   &  & (0.524) & (0.523) \\
##   relevel(as.factor(Q.Race), ref = 1)4 &  & $-$0.316$^{***}$ & $-$0.332$^{***}$ \\
##   &  & (0.114) & (0.114) \\
##   relevel(as.factor(Q.Race), ref = 1)6 &  & $-$0.013 & $-$0.019 \\
##   &  & (0.122) & (0.122) \\
##   relevel(as.factor(Q.Race), ref = 1)7 &  & 0.282 & 0.288 \\
##   &  & (0.215) & (0.215) \\
##   relevel(as.factor(Q.Race), ref = 1)8 &  & $-$0.463 & $-$0.472 \\
##   &  & (0.470) & (0.469) \\
##   Q.Age &  & 0.003$^{**}$ & 0.003$^{*}$ \\
##   &  & (0.002) & (0.002) \\
##   Q.HighSchool &  & 0.112 &  \\
##   &  & (0.210) &  \\
##   Q.Bach &  & $-$0.027 & $-$0.030 \\
##   &  & (0.056) & (0.055) \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).L &  & 0.034 &  \\
##   &  & (0.084) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).Q &  & 0.087 &  \\
##   &  & (0.072) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8)).C &  & 0.049 &  \\
##   &  & (0.077) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$4 &  & 0.032 &
##   &  & (0.081) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$5 &  & 0.005 &
##   &  & (0.081) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$6 &  & 0.022 &
##   &  & (0.078) &  \\
##   factor(Q.Income, ordered = TRUE, levels = c(1, 2, 3, 4, 5, 6, 7, 8))$\hat{\mkern6mu}$7 &  & 0.156$
##   &  & (0.072) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.229$^{***}$ &  \\
##   &  & (0.079) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & 0.189$^{***}$ &  \\
##   &  & (0.072) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & 0.052 &  \\
##   &  & (0.059) &  \\
##   factor(Q.Political\_ID, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & 0.056 &
```

```
##   &  & (0.052) &  \\
##   Q.Income &  &  & 0.011 \\
##   &  &  & (0.012) \\
##   Q.Conservative &  &  & 0.105 \\
##   &  &  & (0.072) \\
##   Q.Liberal &  &  & $-$0.027 \\
##   &  &  & (0.062) \\
##   Q.Veteran &  & 0.063 & 0.062 \\
##   &  & (0.102) & (0.102) \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).L &  & 0.086 &  \\
##   &  & (0.062) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).Q &  & $-$0.033 &  \\
##   &  & (0.061) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5)).C &  & $-$0.044 &  \\
##   &  & (0.058) &  \\
##   factor(Q.Twitter\_Use, ordered = TRUE, levels = c(1, 2, 3, 4, 5))$\hat{\mkern6mu}$4 &  & $-$0.094 &
##   &  & (0.060) &  \\
##   Q.Twitter\_Some &  &  & 0.086 \\
##   &  &  & (0.055) \\
##   Newspaper:Long & $-$0.159 & $-$0.198$^{**}$ & $-$0.192$^{*}$ \\
##   & (0.099) & (0.100) & (0.100) \\
##   Constant & 3.792$^{***}$ & 3.778$^{***}$ & 3.710$^{***}$ \\
##   & (0.049) & (0.222) & (0.121) \\
##  \hline \\[-1.8ex]
## Observations & 1,793 & 1,744 & 1,744 \\
## R$^{2}$ & 0.017 & 0.065 & 0.056 \\
## Adjusted R$^{2}$ & 0.015 & 0.050 & 0.046 \\
## Residual Std. Error & 1.050 (df = 1789) & 1.035 (df = 1714) & 1.037 (df = 1726) \\
## F Statistic & 10.345$^{***}$ (df = 3; 1789) & 4.138$^{***}$ (df = 29; 1714) & 5.985$^{***}$ (df = 17
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
coef(summary(lm(Enjoyment_Form_1_DiD, data = DF3)))
```

```
##                    Estimate Std. Error    t value  Pr(>|t|)
## (Intercept)     2.964989059 0.05255669 56.4150672 0.0000000
## Newspaper      -0.024989059 0.07461487 -0.3349072 0.7377343
## Long           -0.005257515 0.07474092 -0.0703432 0.9439284
## Newspaper:Long -0.014469136 0.10614537 -0.1363143 0.8915881
```

```
coef(summary(lm(Enjoyment_Form_1_DiD, data = DF3)))[4,1]
```

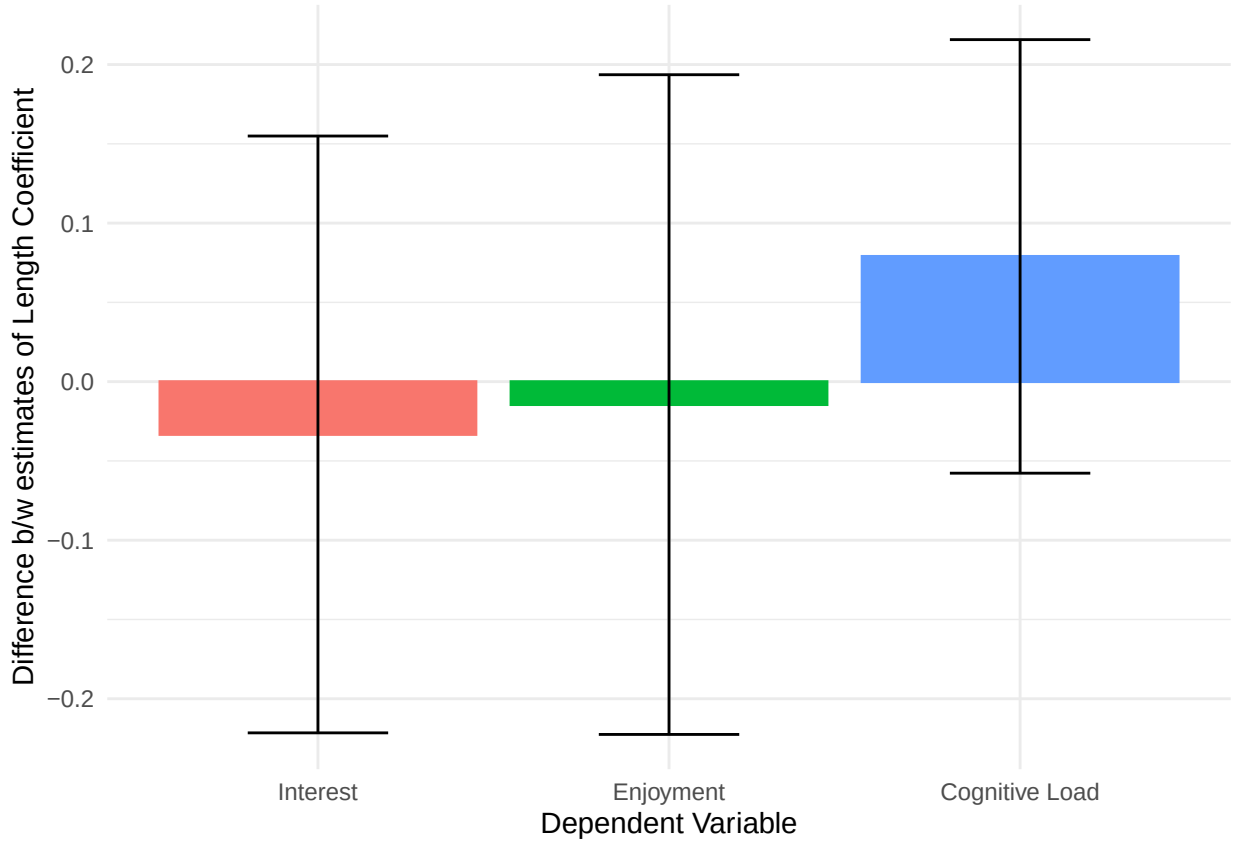
```
## [1] -0.01446914
```

```
coef(summary(lm(Enjoyment_Form_1_DiD, data = DF3)))[4,2]
```

```
## [1] 0.1061454
```

```
#DiD Graph

DiD_DF <- as.data.frame(matrix(data =
                                 c(coef(summary(lm(Interest_Form_1_DiD, data = DF3)))[4,1], "Interest",
                                   coef(summary(lm(Interest_Form_1_DiD, data = DF3)))[4,2],
                                   coef(summary(lm(Enjoyment_Form_1_DiD, data = DF3)))[4,1], "Enjoyment
```

```
                                    coef(summary(lm(Enjoyment_Form_1_DiD, data = DF3)))[4,2],
                                    coef(summary(lm(Cog_Load_Form_1_DiD, data = DF3)))[2,1], "Cognitive L
                                    coef(summary(lm(Cog_Load_Form_1_DiD, data = DF3)))[2,2]),
                                ncol=3, byrow = TRUE))

colnames(DiD_DF) <- c("Difference", "Medium", "se")
DiD_DF$Medium <- factor(DiD_DF$Medium, levels = c("Interest", "Enjoyment", "Cognitive Load"))
DiD_DF$Difference <- as.numeric(DiD_DF$Difference)
DiD_DF$se <- as.numeric(DiD_DF$se)
q <- as.numeric(qnorm(p=.05/2, lower.tail=FALSE))
DiD_DF$ci <- DiD_DF$se*q


ggplot(DiD_DF, aes(x = Medium, y = Difference, color = Medium, fill = Medium))  +
  geom_bar(stat="identity", show.legend = FALSE)  +
  theme_minimal() + xlab("Dependent Variable") + ylab("Difference b/w estimates of Length Coefficient")
   geom_errorbar( aes(x=Medium, ymin=Difference-ci, ymax=Difference+ci), width=0.4, colour="black")
```




```
# removed for paper:  ggtitle("Difference in difference, Newspaper vs. Plain Text, No Controls, 95% CIs
```

Equivalence Testing

```
#############Nuclear_Approval#################################
```

```r
#using the TOSTER package
#two sample Welch test equivalence
#needs several inputs

Avg_Newspaper <- mean(as.numeric(DF3$Nuclear_Approval[DF3$Newspaper==1]))
Avg_PlainText <- mean(as.numeric(DF3$Nuclear_Approval[DF3$Newspaper==0]))
SD_Newspaper <- sd(as.numeric(DF3$Nuclear_Approval[DF3$Newspaper==1]))
SD_PlainText <- sd(as.numeric(DF3$Nuclear_Approval[DF3$Newspaper==0]))
N_Newspaper <- length(DF3$Nuclear_Approval[DF3$Newspaper==1])
N_PlainText <- length(DF3$Nuclear_Approval[DF3$Newspaper==0])
LowerBound <- 6/20 #1/20 of scale
HigherBound <- 6/20 #1/20 of scale
Alpha <- 0.05 #traditional


TOSTtwo(m1=Avg_Newspaper, m2=Avg_PlainText,
        sd1=SD_Newspaper, sd2=SD_PlainText,
        n1=N_Newspaper, n2=N_PlainText,
        low_eqbound_d=-LowerBound, high_eqbound_d=HigherBound, alpha = Alpha)
```

```
## Warning: `TOSTtwo()` was deprecated in TOSTER 0.4.0.
## i Please use `tsum_TOST()` instead.
```

```
## TOST results:
## t-value lower bound: 6.24    p-value lower bound: 0.0000000003
## t-value upper bound: -6.46   p-value upper bound: 0.00000000007
## degrees of freedom : 1790.68
##
## Equivalence bounds (Cohen's d):
## low eqbound: -0.3
## high eqbound: 0.3
##
## Equivalence bounds (raw scores):
## low eqbound: -0.4779
## high eqbound: 0.4779
##
## TOST confidence interval:
## lower bound 90% CI: -0.132
## upper bound 90% CI:  0.116
##
## NHST confidence interval:
## lower bound 95% CI: -0.156
## upper bound 95% CI:  0.14
##
## Equivalence Test Result:
## The equivalence test was significant, t(1790.68) = 6.244, p = 0.000000000265, given equivalence boun
```

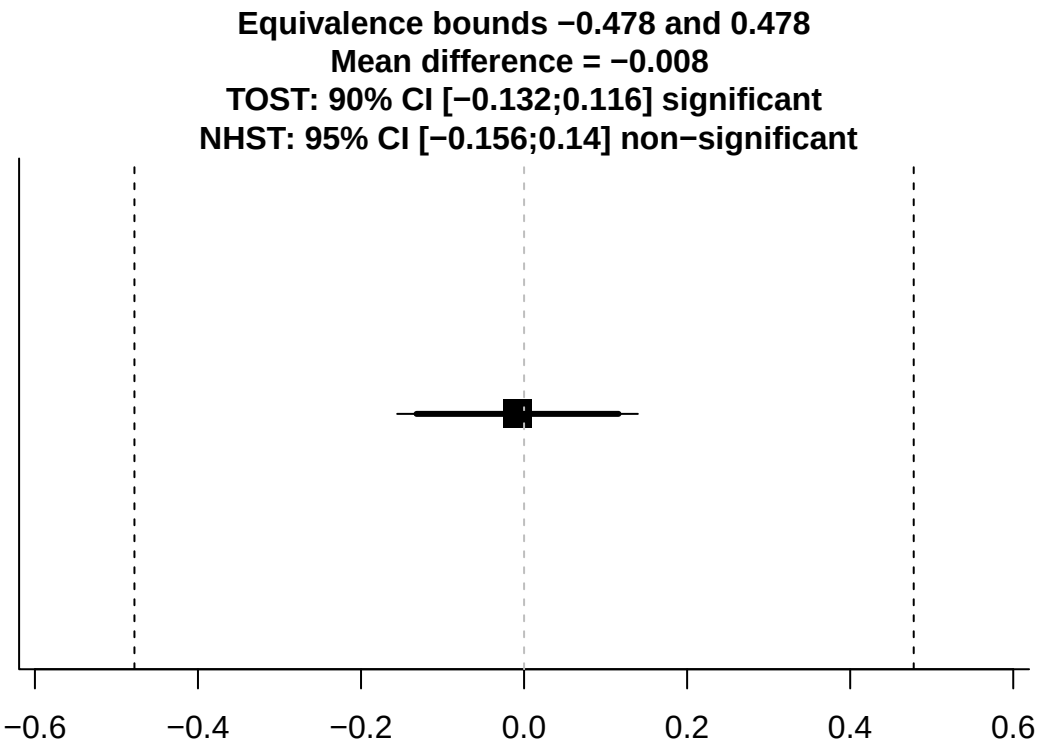
```
##
```

```
##
## Null Hypothesis Test Result:
## The null hypothesis test was non-significant, t(1790.68) = -0.107, p = 0.915, given an alpha of 0.05
```

```
##
```

```
## NHST: don't reject null significance hypothesis that the effect is equal to 0
```

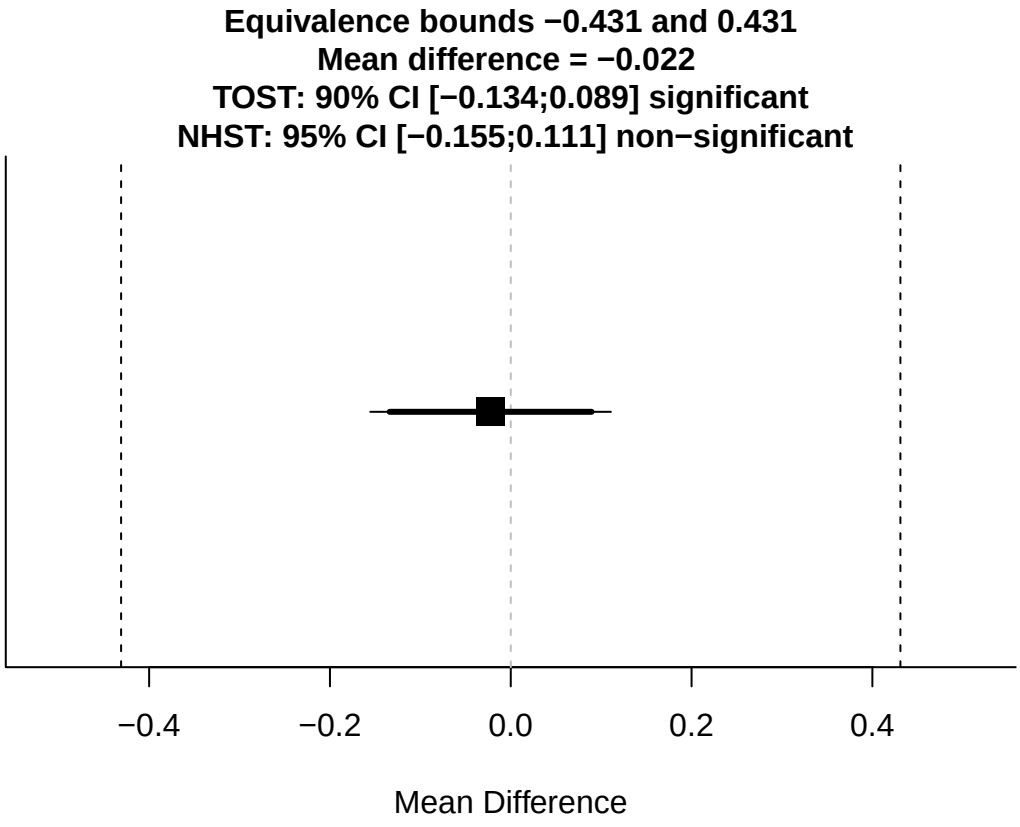
```
## TOST: reject null equivalence hypothesis
```




```
##############Conv_Approval###################################


#using the TOSTER package
#two sample Welch test equivalence
#needs several inputs

Avg_Newspaper <- mean(as.numeric(DF3$Conv_Approval[DF3$Newspaper==1]))
Avg_PlainText <- mean(as.numeric(DF3$Conv_Approval[DF3$Newspaper==0]))
SD_Newspaper <- sd(as.numeric(DF3$Conv_Approval[DF3$Newspaper==1]))
SD_PlainText <- sd(as.numeric(DF3$Conv_Approval[DF3$Newspaper==0]))
N_Newspaper <- length(DF3$Conv_Approval[DF3$Newspaper==1])
N_PlainText <- length(DF3$Conv_Approval[DF3$Newspaper==0])
LowerBound <- 6/20 #1/20 of scale
HigherBound <- 6/20 #1/20 of scale
Alpha <- 0.05 #traditional


TOSTtwo(m1=Avg_Newspaper, m2=Avg_PlainText,
        sd1=SD_Newspaper, sd2=SD_PlainText,
        n1=N_Newspaper, n2=N_PlainText,
        low_eqbound_d=-LowerBound, high_eqbound_d=HigherBound, alpha = Alpha)
```

```
## TOST results:
## t-value lower bound: 6.02    p-value lower bound: 0.000000001
## t-value upper bound: -6.68   p-value upper bound: 0.00000000002
```

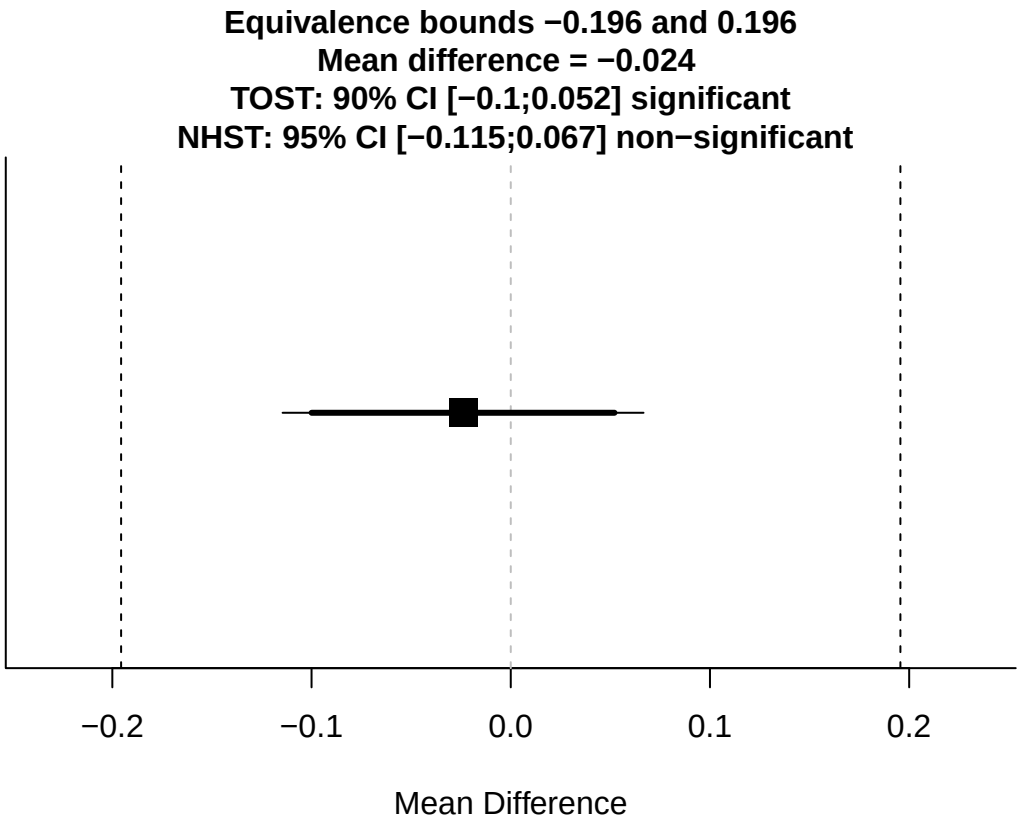
```
## degrees of freedom : 1790.97
##
## Equivalence bounds (Cohen's d):
## low eqbound: -0.3
## high eqbound: 0.3
##
## Equivalence bounds (raw scores):
## low eqbound: -0.431
## high eqbound: 0.431
##
## TOST confidence interval:
## lower bound 90% CI: -0.134
## upper bound 90% CI:  0.089
##
## NHST confidence interval:
## lower bound 95% CI: -0.155
## upper bound 95% CI:  0.111
##
## Equivalence Test Result:
## The equivalence test was significant, t(1790.97) = 6.023, p = 0.00000000104, given equivalence bounds
##
##
## Null Hypothesis Test Result:
## The null hypothesis test was non-significant, t(1790.97) = -0.329, p = 0.742, given an alpha of 0.05
##
## NHST: don't reject null significance hypothesis that the effect is equal to 0
## TOST: reject null equivalence hypothesis
```




```
#############Choice#################################


#using the TOSTER package
#two sample Welch test equivalence
#needs several inputs

Avg_Newspaper <- mean(as.numeric(DF3$Choice[DF3$Newspaper==1]))
Avg_PlainText <- mean(as.numeric(DF3$Choice[DF3$Newspaper==0]))
SD_Newspaper <- sd(as.numeric(DF3$Choice[DF3$Newspaper==1]))
SD_PlainText <- sd(as.numeric(DF3$Choice[DF3$Newspaper==0]))
N_Newspaper <- length(DF3$Choice[DF3$Newspaper==1])
N_PlainText <- length(DF3$Choice[DF3$Newspaper==0])
LowerBound <- 4/20 #1/20 of scale
HigherBound <- 4/20 #1/20 of scale
Alpha <- 0.05 #traditional


TOSTtwo(m1=Avg_Newspaper, m2=Avg_PlainText,
        sd1=SD_Newspaper, sd2=SD_PlainText,
        n1=N_Newspaper, n2=N_PlainText,
        low_eqbound_d=-LowerBound, high_eqbound_d=HigherBound, alpha = Alpha)
```

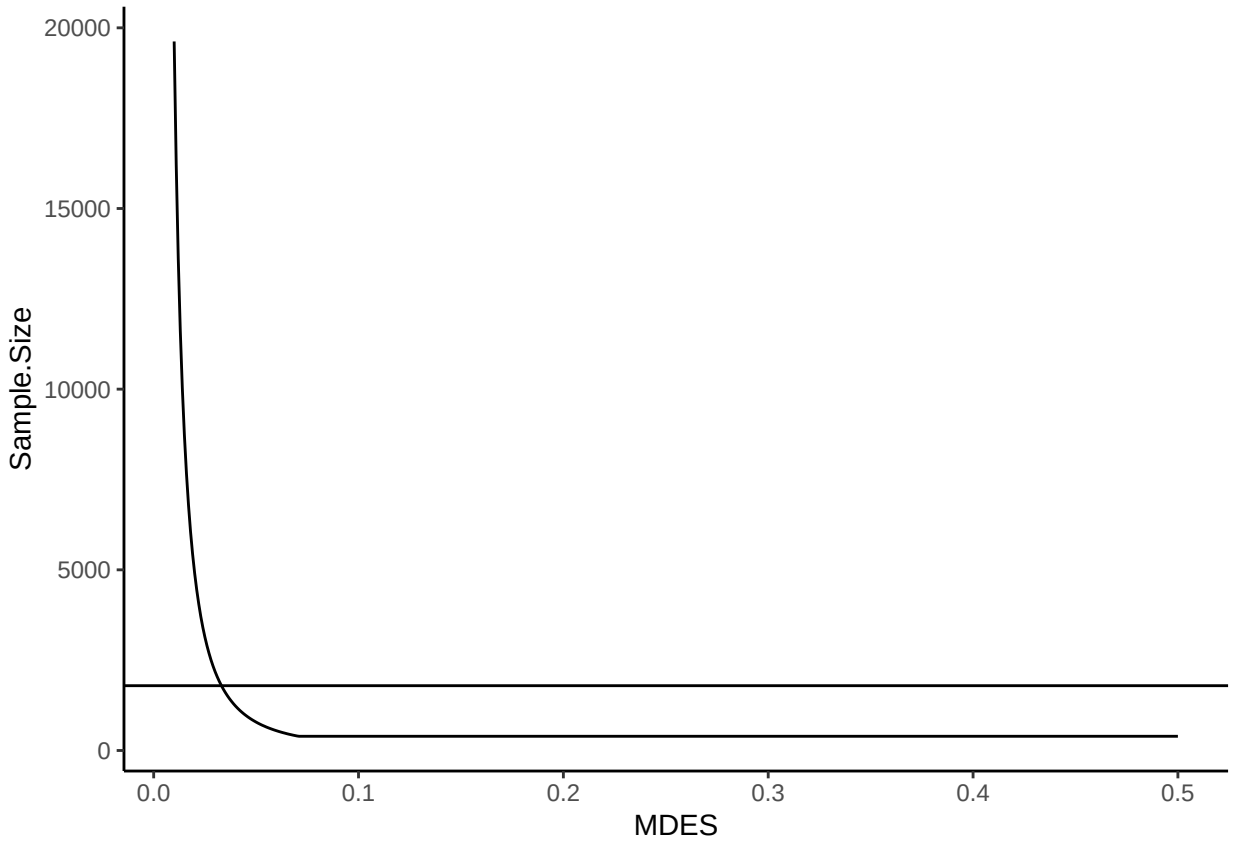
```
## TOST results:
## t-value lower bound: 3.72    p-value lower bound: 0.0001
## t-value upper bound: -4.75   p-value upper bound: 0.000001
## degrees of freedom : 1790.79
##
```

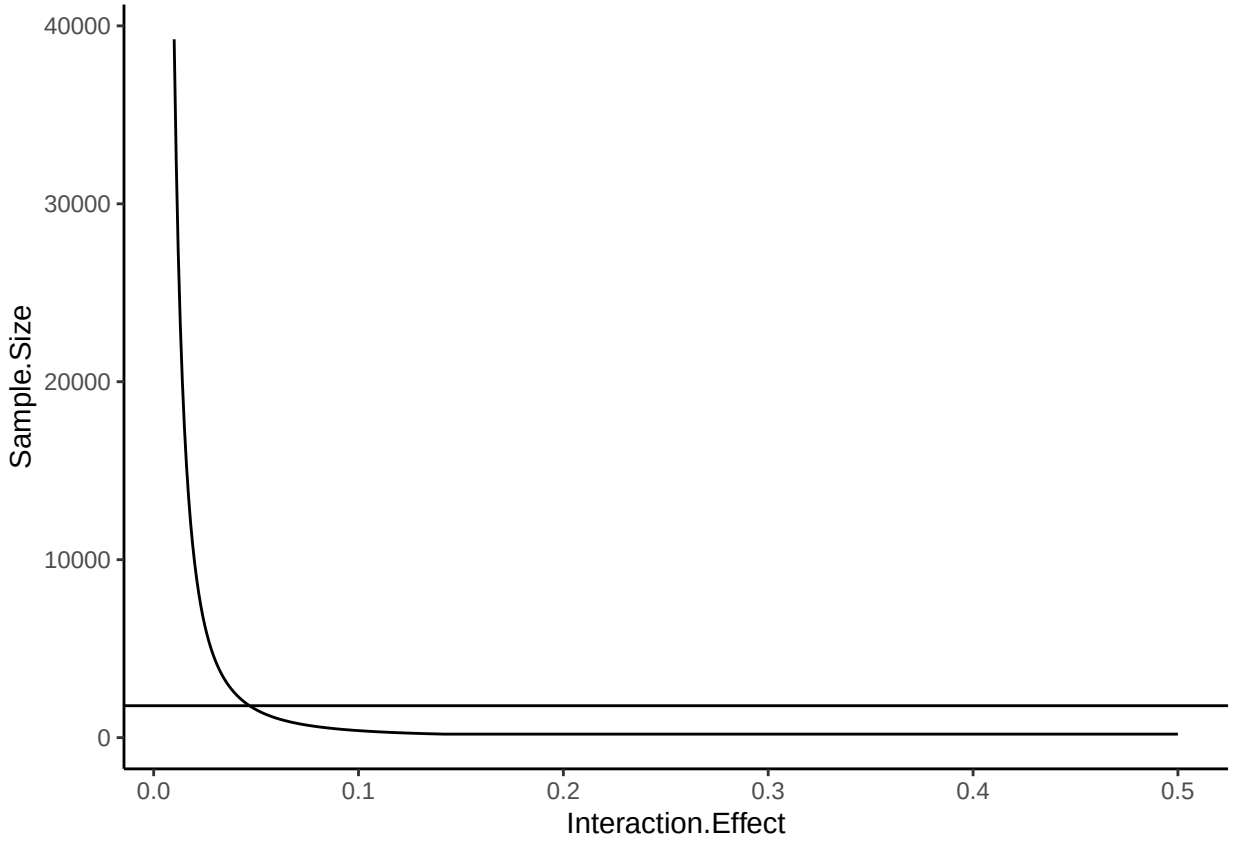
```
## Equivalence bounds (Cohen's d):
## low eqbound: -0.2
## high eqbound: 0.2
##
## Equivalence bounds (raw scores):
## low eqbound: -0.1956
## high eqbound: 0.1956
##
## TOST confidence interval:
## lower bound 90% CI: -0.1
## upper bound 90% CI:  0.052
##
## NHST confidence interval:
## lower bound 95% CI: -0.115
## upper bound 95% CI:  0.067
##
## Equivalence Test Result:
## The equivalence test was significant, t(1790.79) = 3.716, p = 0.000104, given equivalence bounds of
##
##
## Null Hypothesis Test Result:
## The null hypothesis test was non-significant, t(1790.79) = -0.518, p = 0.604, given an alpha of 0.05
##
## NHST: don't reject null significance hypothesis that the effect is equal to 0
## TOST: reject null equivalence hypothesis
```



Power

```
library(BDEsize)

nuk.factor.lev <- c(2,2,2)
x.vals <- seq(from = 0.01, to = 0.50, by = 0.001)

y.vals <- c()
z.vals <- c()
for (i in 1:length(x.vals)){
  answer <- Size.Full(factor.lev = nuk.factor.lev, interaction = TRUE, delta_type = 1, delta = c(x.vals
  y.vals[i] <- answer$n
  z.vals[i] <- answer$Delta[1]
}


DFplot <- as.data.frame(cbind(x.vals, y.vals, z.vals))
colnames(DFplot) <- c("MDES", "Sample.Size", "test")


ggplot(data = DFplot, aes(x=MDES, y = Sample.Size)) +
  geom_line() + geom_hline(aes(yintercept=1793)) + theme_classic()
```




```
library(BDEsize)

nuk.factor.lev <- c(2,2,2)
x.vals <- seq(from = 0.01, to = 0.50, by = 0.001)
```

```r
y.vals <- c()
z.vals <- c()
for (i in 1:length(x.vals)){
  answer <- Size.Full(factor.lev = nuk.factor.lev, interaction = TRUE, delta_type = 1, delta = c(0.10, 
  y.vals[i] <- answer$n
  z.vals[i] <- answer$Delta[1]
}


DFplot <- as.data.frame(cbind(x.vals, y.vals, z.vals))
colnames(DFplot) <- c("Interaction.Effect", "Sample.Size", "test")


ggplot(data = DFplot, aes(x=Interaction.Effect, y = Sample.Size)) +
  geom_line() + geom_hline(aes(yintercept=1793)) + theme_classic()
```