Scenario Based Survey Experiment Analysis WTS

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Scenario Based Experiment Analysis

This document provides a log of the replication for both the in text analysis and appendices for the scenario based survey experiment in Weathering the Storm: Discordant Learning About Reputations for Reliability.

```
rm(list=ls())
## Going to have to change the working directory
setwd("~/Downloads/dataverse_files")


library(MASS)
library(reshape2)
library(reshape)
```

```
##
## Attaching package: 'reshape'
```

```
## The following objects are masked from 'package:reshape2':
##
##     colsplit, melt, recast
```

```
library(countrycode)
library(states)
library(pltesim)
library(readstata13)
library(plyr)
```

```
##
## Attaching package: 'plyr'
```

```
## The following objects are masked from 'package:reshape':
##
##     rename, round_any
```

```
library(foreign)
library(ggplot2)
##install.packages("cjoint")
library(cjoint)
```

```
## Loading required package: sandwich
```

```
## Loading required package: lmtest
```

```
## Loading required package: zoo
```

```
##
## Attaching package: 'zoo'
```

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

## Loading required package: survey

## Loading required package: grid

## Loading required package: Matrix

##
## Attaching package: 'Matrix'

## The following object is masked from 'package:reshape':
##
##     expand

## Loading required package: survival

##
## Attaching package: 'survey'

## The following object is masked from 'package:graphics':
##
##     dotchart

## cjoint: AMCE Estimator for Conjoint Experiments
## Version: 2.1.0
## Authors: Soubhik Barari, Elissa Berwick, Jens Hainmueller, Daniel Hopkins, Sean Liu, Anton Strezhnev
```

```
##install.packages("FindIt")
library(FindIt)
```

```
## Loading required package: arm

## Loading required package: lme4

##
## arm (Version 1.13-1, built: 2022-8-25)

## Working directory is /Users/baileedonahue/Downloads/dataverse_files
```

```
#install.packages("snow")
library(snow)
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.2 --

## v tibble  3.1.8     v dplyr   1.0.9
## v tidyr   1.2.0     v stringr 1.4.1
## v readr   2.1.2     v forcats 0.5.2
## v purrr   0.3.4
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::arrange()    masks plyr::arrange()
## x purrr::compact()    masks plyr::compact()
## x dplyr::count()      masks plyr::count()
## x tidyr::expand()     masks Matrix::expand(), reshape::expand()
## x dplyr::failwith()   masks plyr::failwith()
## x dplyr::filter()     masks stats::filter()
## x dplyr::id()         masks plyr::id()
## x dplyr::lag()        masks stats::lag()
## x dplyr::mutate()     masks plyr::mutate()
```

```
## x tidyr::pack()       masks Matrix::pack()
## x readr::parse_date() masks states::parse_date()
## x dplyr::rename()     masks plyr::rename(), reshape::rename()
## x dplyr::select()     masks MASS::select()
## x dplyr::summarise()  masks plyr::summarise()
## x dplyr::summarize()  masks plyr::summarize()
## x tidyr::unpack()     masks Matrix::unpack()
## x tibble::view()      masks cjoint::view()
```

```
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
```

```
#################################################

## In article scenario-based experiment


## Read in data

full_data <- read.csv("scenario_based_data.csv")


## Inverse scale of difference in reputation so that it is easier to interpret

full_data$diff_rescaled_grep <- -1*full_data$diff_scaled_GREP
full_data$diff_rescaled_drep <- -1*full_data$diff_scaled_DREP

full_data$rescaled_grep <- full_data$Initial_Grep/100

## Summary statistics for Table 2

## separate populations to make summaries easier, will be used for Table 4
modelgood <- subset(full_data, full_data$Good_Rep_Pop==1)
modelmiddling <- subset(full_data, full_data$Middling_Rep_Pop == 1)

mean(modelgood$rescaled_grep)
```

```
## [1] 0.9279032
```

```
sd(modelgood$rescaled_grep)
```

```
## [1] 0.09539794
```

```
mean(modelmiddling$rescaled_grep)
```

```
## [1] 0.5435484
```

```
sd(modelmiddling$rescaled_grep)
```

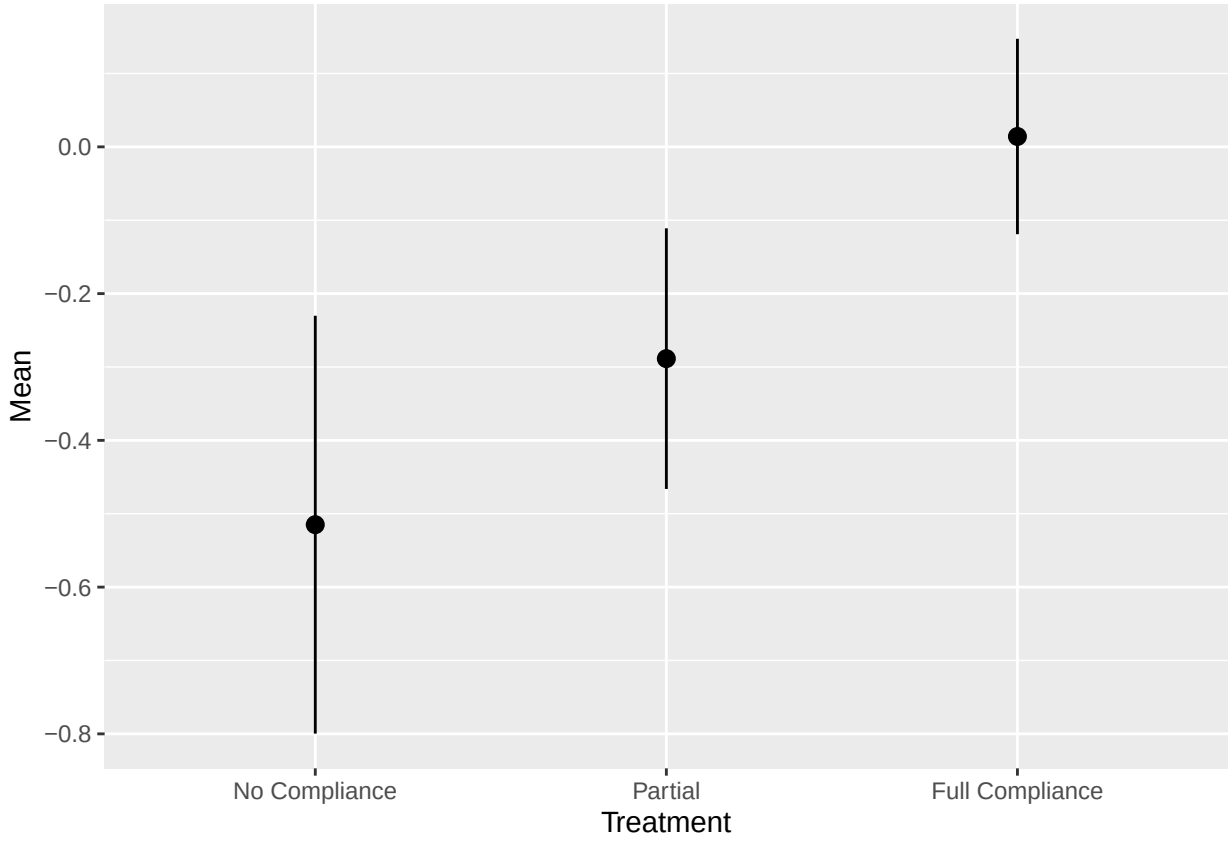
```
## [1] 0.1692138
```

```
## Produce figure 6
```

```r
df <- modelgood%>%
  group_by(Treatment) %>%
  summarize(mean(as.numeric(diff_rescaled_grep)), sd(as.numeric(diff_rescaled_grep))) %>%
  rename(Mean = "mean(as.numeric(diff_rescaled_grep))") %>%
  rename(SD = "sd(as.numeric(diff_rescaled_grep))")


# plot the point plot


p<-ggplot(df, aes(x=as.factor(Treatment), y=Mean)) +
  geom_pointrange(aes(ymin=Mean-SD, ymax=Mean+SD), width=.2)
```

```
## Warning: Ignoring unknown parameters: width
```

```r
p + scale_x_discrete(name ="Treatment",
                     labels=c("0" = "No Compliance", "1" = "Partial",
                              "2" = "Full Compliance"))
```

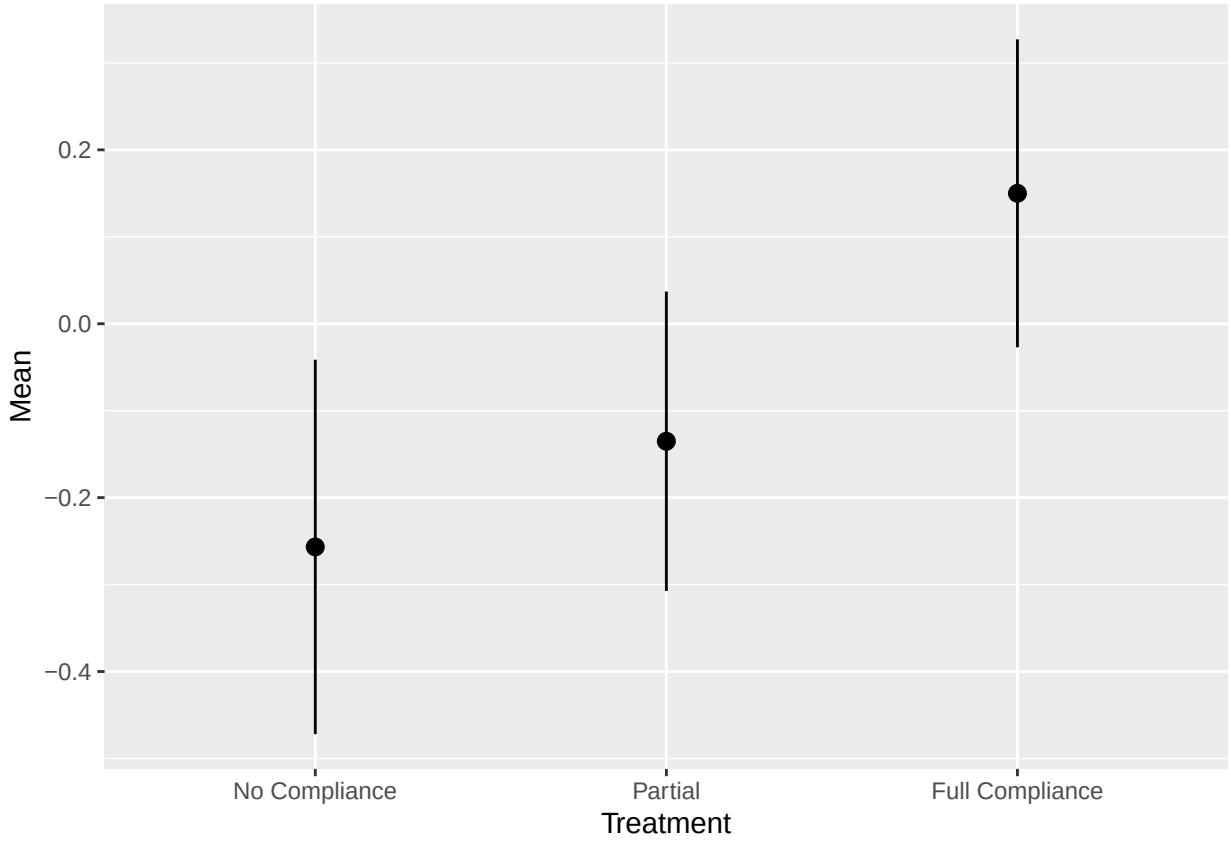



```r
## Produce figure 7

df2 <- modelmiddling%>%
  group_by(Treatment) %>%
  summarize(mean(as.numeric(diff_rescaled_grep)), sd(as.numeric(diff_rescaled_grep))) %>%
  rename(Mean = "mean(as.numeric(diff_rescaled_grep))") %>%
  rename(SD = "sd(as.numeric(diff_rescaled_grep))")
```

```
# plot the point plot


p2<-ggplot(df2, aes(x=as.factor(Treatment), y=Mean)) +
  geom_pointrange(aes(ymin=Mean-SD, ymax=Mean+SD), width=.2)
```

```
## Warning: Ignoring unknown parameters: width
```

```
p2 + scale_x_discrete(name ="Treatment",
                      labels=c("0" = "No Compliance", "1" = "Partial",
                               "2" = "Full Compliance"))
```




```
## Models for Table 3


model1_global <- lm(full_data$diff_rescaled_grep ~ full_data$Good_Rep_Pop +
                      full_data$Treatment_Middling + full_data$Treatment_Bad
                    +  full_data$Good_Rep_Pop*full_data$Treatment_Middling +
                    full_data$Good_Rep_Pop*full_data$Treatment_Bad+  full_data$age
              + full_data$Female_Dummy + full_data$White_Dummy + full_data$Income
              + full_data$Party_ID + full_data$Edu)

model1_dyadic <- lm(full_data$diff_rescaled_grep ~ full_data$Good_Rep_Pop +
                      full_data$Treatment_Middling +
                      full_data$Treatment_Bad +
                      full_data$Good_Rep_Pop*full_data$Treatment_Middling +
                    full_data$Good_Rep_Pop*full_data$Treatment_Bad+  full_data$age
                    + full_data$Female_Dummy + full_data$White_Dummy +
```

```
                      full_data$Income + full_data$Party_ID + full_data$Edu)

stargazer(model1_global, model1_dyadic)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Mon, Sep 26, 2022 - 15:44:26
## \begin{table}[!htbp] \centering
##   \caption{}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & \multicolumn{2}{c}{diff\_rescaled\_grep} \\
## \\[-1.8ex] & (1) & (2)\\
## \hline \\[-1.8ex]
##  Good\_Rep\_Pop & $-$0.140$^{***}$ & $-$0.140$^{***}$ \\
##   & (0.028) & (0.028) \\
##   & & \\
##  Treatment\_Middling & $-$0.285$^{***}$ & $-$0.285$^{***}$ \\
##   & (0.028) & (0.028) \\
##   & & \\
##  Treatment\_Bad & $-$0.408$^{***}$ & $-$0.408$^{***}$ \\
##   & (0.028) & (0.028) \\
##   & & \\
##  age & $-$0.002 & $-$0.002 \\
##   & (0.007) & (0.007) \\
##   & & \\
##  Female\_Dummy & 0.005 & 0.005 \\
##   & (0.017) & (0.017) \\
##   & & \\
##  White\_Dummy & $-$0.032 & $-$0.032 \\
##   & (0.020) & (0.020) \\
##   & & \\
##  Income & $-$0.002 & $-$0.002 \\
##   & (0.007) & (0.007) \\
##   & & \\
##  Party\_ID & $-$0.006 & $-$0.006 \\
##   & (0.006) & (0.006) \\
##   & & \\
##  Edu & 0.012 & 0.012 \\
##   & (0.010) & (0.010) \\
##   & & \\
##  Treatment\_Middling & $-$0.013 & $-$0.013 \\
##   & (0.040) & (0.040) \\
##   & & \\
##  Treatment\_Bad & $-$0.111$^{***}$ & $-$0.111$^{***}$ \\
##   & (0.040) & (0.040) \\
##   & & \\
##  Constant & 0.173$^{***}$ & 0.173$^{***}$ \\
##   & (0.044) & (0.044) \\
##   & & \\
```

```
## \hline \\[-1.8ex]
## Observations & 601 & 601 \\
## R$^{2}$ & 0.558 & 0.558 \\
## Adjusted R$^{2}$ & 0.550 & 0.550 \\
## Residual Std. Error (df = 589) & 0.200 & 0.200 \\
## F Statistic (df = 11; 589) & 67.699$^{***}$ & 67.699$^{***}$ \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{2}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
## Models for Table 4


modelgood <- subset(full_data, full_data$Good_Rep_Pop==1)
modelmiddling <- subset(full_data, full_data$Middling_Rep_Pop == 1)

modelgood1 <-lm(modelgood$diff_rescaled_grep ~ modelgood$Treatment_Bad +
                  modelgood$Treatment_Middling +
                  modelgood$age + modelgood$Female_Dummy + modelgood$White_Dummy +
                  modelgood$Income + modelgood$Party_ID + modelgood$Edu)
modelmiddling1 <-lm(modelmiddling$diff_rescaled_grep ~ modelmiddling$Treatment_Bad +
                      modelmiddling$Treatment_Good + modelmiddling$age
                    + modelmiddling$Female_Dummy + modelmiddling$White_Dummy
                    + modelmiddling$Income
                    + modelmiddling$Party_ID + modelmiddling$Edu)

stargazer(modelgood1,  modelmiddling1)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Mon, Sep 26, 2022 - 15:44:26
## \begin{table}[!htbp] \centering
##   \caption{}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & diff\_rescaled\_grep & diff\_rescaled\_grep \\
## \\[-1.8ex] & (1) & (2)\\
## \hline \\[-1.8ex]
##  Treatment\_Bad & $-$0.516$^{***}$ &  \\
##   & (0.030) &  \\
##   & & \\
##  Treatment\_Middling & $-$0.295$^{***}$ &  \\
##   & (0.030) &  \\
##   & & \\
##  age & 0.005 &  \\
##   & (0.011) &  \\
##   & & \\
##  Female\_Dummy & $-$0.015 &  \\
##   & (0.025) &  \\
```

```
##   & & \\
##  White\_Dummy & $-$0.047$^{*}$ &  \\
##   & (0.029) &  \\
##   & & \\
##  Income & $-$0.006 &  \\
##   & (0.011) &  \\
##   & & \\
##  Party\_ID & $-$0.001 &  \\
##   & (0.009) &  \\
##   & & \\
##  Edu & 0.018 &  \\
##   & (0.015) &  \\
##   & & \\
##  Treatment\_Bad &  & $-$0.125$^{***}$ \\
##   &  & (0.028) \\
##   & & \\
##  Treatment\_Good &  & 0.283$^{***}$ \\
##   &  & (0.027) \\
##   & & \\
##  age &  & $-$0.012 \\
##   &  & (0.010) \\
##   & & \\
##  Female\_Dummy &  & 0.032 \\
##   &  & (0.022) \\
##   & & \\
##  White\_Dummy &  & $-$0.007 \\
##   &  & (0.029) \\
##   & & \\
##  Income &  & 0.004 \\
##   &  & (0.010) \\
##   & & \\
##  Party\_ID &  & $-$0.013 \\
##   &  & (0.008) \\
##   & & \\
##  Edu &  & 0.006 \\
##   &  & (0.014) \\
##   & & \\
##  Constant & 0.017 & $-$0.105$^{*}$ \\
##   & (0.063) & (0.060) \\
##   & & \\
## \hline \\[-1.8ex]
## Observations & 300 & 301 \\
## R$^{2}$ & 0.519 & 0.479 \\
## Adjusted R$^{2}$ & 0.505 & 0.465 \\
## Residual Std. Error & 0.210 (df = 291) & 0.189 (df = 292) \\
## F Statistic & 39.185$^{***}$ (df = 8; 291) & 33.534$^{***}$ (df = 8; 292) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{2}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
#############################################################################################################
```

```r
## Appendices

## Models for Dyadic Reputation Table 5
modelgood2 <- lm(modelgood$diff_rescaled_drep ~ modelgood$Treatment_Bad + modelgood$Treatment_Middling +
                   modelgood$age + modelgood$Female_Dummy + modelgood$White_Dummy
                 + modelgood$Income + modelgood$Party_ID + modelgood$Edu)
modelmiddling2 <- lm(modelmiddling$diff_rescaled_drep ~ modelmiddling$Treatment_Bad +
                       modelmiddling$Treatment_Good + modelmiddling$age
                     + modelmiddling$Female_Dummy + modelmiddling$White_Dummy + modelmiddling$Income + m


stargazer(modelgood2, modelmiddling2)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Mon, Sep 26, 2022 - 15:44:26
## \begin{table}[!htbp] \centering
##   \caption{}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & diff\_rescaled\_drep & diff\_rescaled\_drep \\
## \\[-1.8ex] & (1) & (2)\\
## \hline \\[-1.8ex]
##  Treatment\_Bad & $-$0.610$^{***}$ &  \\
##   & (0.030) &  \\
##   & & \\
##  Treatment\_Middling & $-$0.323$^{***}$ &  \\
##   & (0.030) &  \\
##   & & \\
##  age & 0.001 &  \\
##   & (0.011) &  \\
##   & & \\
##  Female\_Dummy & $-$0.024 &  \\
##   & (0.025) &  \\
##   & & \\
##  White\_Dummy & $-$0.066$^{**}$ &  \\
##   & (0.028) &  \\
##   & & \\
##  Income & $-$0.008 &  \\
##   & (0.011) &  \\
##   & & \\
##  Party\_ID & $-$0.003 &  \\
##   & (0.009) &  \\
##   & & \\
##  Edu & 0.010 &  \\
##   & (0.014) &  \\
##   & & \\
##  Treatment\_Bad &  & $-$0.135$^{***}$ \\
##   &  & (0.030) \\
##   & & \\
```

```
##  Treatment\_Good &  & 0.319$^{***}$ \\
##   &  & (0.029) \\
##   & & \\
##  age &  & $-$0.021$^{*}$ \\
##   &  & (0.011) \\
##   & & \\
##  Female\_Dummy &  & 0.004 \\
##   &  & (0.024) \\
##   & & \\
##  White\_Dummy &  & $-$0.002 \\
##   &  & (0.031) \\
##   & & \\
##  Income &  & 0.001 \\
##   &  & (0.010) \\
##   & & \\
##  Party\_ID &  & $-$0.026$^{***}$ \\
##   &  & (0.008) \\
##   & & \\
##  Edu &  & 0.014 \\
##   &  & (0.015) \\
##   & & \\
##  Constant & 0.083 & $-$0.073 \\
##   & (0.063) & (0.064) \\
##   & & \\
## \hline \\[-1.8ex]
## Observations & 300 & 301 \\
## R$^{2}$ & 0.600 & 0.507 \\
## Adjusted R$^{2}$ & 0.589 & 0.494 \\
## Residual Std. Error & 0.210 (df = 291) & 0.202 (df = 292) \\
## F Statistic & 54.665$^{***}$ (df = 8; 291) & 37.589$^{***}$ (df = 8; 292) \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{2}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```r
## Attention Check Condition

## Subset the data to just those indivduals that passed at least 4 of 5 attention checks


## Attention Check subset Test 1 - Table 6 -- Everything stays the same



attention_check <- subset(full_data, full_data$Attention >= 3)

model1_attention_check <- lm(attention_check$diff_rescaled_grep~ attention_check$Good_Rep_Pop + attentio
                             attention_check$Female_Dummy + attention_check$White_Dummy +
                             attention_check$Edu + attention_check$age +
                             attention_check$Income + attention_check$Party_ID +
                             attention_check$Good_Rep_Pop*attention_check$Treatment_Bad + attention_ch
```

```
model2_attention_check <-lm(attention_check$diff_rescaled_drep~ attention_check$Good_Rep_Pop + attentio
                              attention_check$Female_Dummy + attention_check$White_Dummy +
                              attention_check$Edu + attention_check$age +
                              attention_check$Income + attention_check$Party_ID +
                              attention_check$Good_Rep_Pop*attention_check$Treatment_Middling + attenti


stargazer(model1_attention_check, model2_attention_check)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Mon, Sep 26, 2022 - 15:44:27
## \begin{table}[!htbp] \centering
##   \caption{}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & diff\_rescaled\_grep & diff\_rescaled\_drep \\
## \\[-1.8ex] & (1) & (2)\\
## \hline \\[-1.8ex]
##  Good\_Rep\_Pop & $-$0.144$^{***}$ & $-$0.158$^{***}$ \\
##   & (0.027) & (0.029) \\
##   & & \\
##  Treatment\_Bad & $-$0.412$^{***}$ & $-$0.465$^{***}$ \\
##   & (0.028) & (0.029) \\
##   & & \\
##  Treatment\_Middling & $-$0.281$^{***}$ & $-$0.330$^{***}$ \\
##   & (0.028) & (0.029) \\
##   & & \\
##  Female\_Dummy & 0.005 & $-$0.016 \\
##   & (0.016) & (0.017) \\
##   & & \\
##  White\_Dummy & $-$0.031 & $-$0.035$^{*}$ \\
##   & (0.020) & (0.021) \\
##   & & \\
##  Edu & 0.014 & 0.011 \\
##   & (0.010) & (0.010) \\
##   & & \\
##  age & $-$0.003 & $-$0.009 \\
##   & (0.007) & (0.007) \\
##   & & \\
##  Income & $-$0.002 & $-$0.004 \\
##   & (0.007) & (0.008) \\
##   & & \\
##  Party\_ID & $-$0.008 & $-$0.013$^{**}$ \\
##   & (0.006) & (0.006) \\
##   & & \\
##  Treatment\_Bad & $-$0.109$^{***}$ & $-$0.150$^{***}$ \\
##   & (0.039) & (0.041) \\
```

```
##   & & \\
##  Treatment\_Middling & $-$0.017 & 0.006 \\
##   & (0.040) & (0.042) \\
##   & & \\
##  Constant & 0.177$^{***}$ & 0.252$^{***}$ \\
##   & (0.044) & (0.046) \\
##   & & \\
## \hline \\[-1.8ex]
## Observations & 584 & 584 \\
## R$^{2}$ & 0.576 & 0.626 \\
## Adjusted R$^{2}$ & 0.568 & 0.619 \\
## Residual Std. Error (df = 572) & 0.194 & 0.203 \\
## F Statistic (df = 11; 572) & 70.739$^{***}$ & 87.060$^{***}$ \\
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{2}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```

```
## Attention Check subset Test 2 -- Produce Table 7



## Subset data into two treatment populations
modelgood_ac <- subset(attention_check, attention_check$Good_Rep_Pop==1)
modelmiddling_ac <- subset(attention_check, attention_check$Middling_Rep_Pop == 1)

## models with just those that got greater than three on the attention check questions

modelgood1_ac <-lm(modelgood_ac$diff_rescaled_grep ~ modelgood_ac$Treatment_Bad
                   +  modelgood_ac$Treatment_Middling + modelgood_ac$age
                   + modelgood_ac$Female_Dummy + modelgood_ac$White_Dummy +
                     modelgood_ac$Income + modelgood_ac$Party_ID + modelgood_ac$Edu)
modelgood2_ac <- lm(modelgood_ac$diff_rescaled_drep ~ modelgood_ac$Treatment_Bad
                    + modelgood_ac$Treatment_Middling + modelgood_ac$age
                    + modelgood_ac$Female_Dummy + modelgood_ac$White_Dummy +
                      modelgood_ac$Income + modelgood_ac$Party_ID + modelgood_ac$Edu)
modelmiddling1_ac <-lm(modelmiddling_ac$diff_rescaled_grep ~ modelmiddling_ac$Treatment_Bad
                       + modelmiddling_ac$Treatment_Good + modelmiddling_ac$age
                       + modelmiddling_ac$Female_Dummy +
                         modelmiddling_ac$White_Dummy + modelmiddling_ac$Income
                       + modelmiddling_ac$Party_ID + modelmiddling_ac$Edu)
modelmiddling2_ac <- lm(modelmiddling_ac$diff_rescaled_drep ~ modelmiddling_ac$Treatment_Bad
                        + modelmiddling_ac$Treatment_Good + modelmiddling_ac$age
                        + modelmiddling_ac$Female_Dummy + modelmiddling_ac$White_Dummy +
                          modelmiddling_ac$Income + modelmiddling_ac$Party_ID + modelmiddling_ac$Edu)

stargazer(modelgood1_ac, modelmiddling1_ac, modelgood2_ac, modelmiddling2_ac)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Mon, Sep 26, 2022 - 15:44:27
## \begin{table}[!htbp] \centering
##   \caption{}
##   \label{}
```

```
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{4}{c}{\textit{Dependent variable:}} \\
## \cline{2-5}
## \\[-1.8ex] & diff\_rescaled\_grep & diff\_rescaled\_grep & diff\_rescaled\_drep & diff\_rescaled\_dr
## \\[-1.8ex] & (1) & (2) & (3) & (4)\\
## \hline \\[-1.8ex]
##  Treatment\_Bad & $-$0.518$^{***}$ &  & $-$0.614$^{***}$ &  \\
##   & (0.030) &  & (0.030) &  \\
##   & & & & \\
##  Treatment\_Middling & $-$0.294$^{***}$ &  & $-$0.322$^{***}$ &  \\
##   & (0.031) &  & (0.030) &  \\
##   & & & & \\
##  age & 0.005 &  & 0.001 &  \\
##   & (0.011) &  & (0.010) &  \\
##   & & & & \\
##  Female\_Dummy & $-$0.018 &  & $-$0.028 &  \\
##   & (0.025) &  & (0.025) &  \\
##   & & & & \\
##  White\_Dummy & $-$0.043 &  & $-$0.058$^{**}$ &  \\
##   & (0.029) &  & (0.028) &  \\
##   & & & & \\
##  Income & $-$0.007 &  & $-$0.010 &  \\
##   & (0.011) &  & (0.011) &  \\
##   & & & & \\
##  Party\_ID & $-$0.001 &  & $-$0.003 &  \\
##   & (0.009) &  & (0.009) &  \\
##   & & & & \\
##  Edu & 0.018 &  & 0.010 &  \\
##   & (0.015) &  & (0.014) &  \\
##   & & & & \\
##  Treatment\_Bad &  & $-$0.134$^{***}$ &  & $-$0.137$^{***}$ \\
##   &  & (0.027) &  & (0.030) \\
##   & & & & \\
##  Treatment\_Good &  & 0.278$^{***}$ &  & 0.327$^{***}$ \\
##   &  & (0.026) &  & (0.029) \\
##   & & & & \\
##  age &  & $-$0.014 &  & $-$0.022$^{**}$ \\
##   &  & (0.010) &  & (0.011) \\
##   & & & & \\
##  Female\_Dummy &  & 0.037$^{*}$ &  & 0.008 \\
##   &  & (0.022) &  & (0.024) \\
##   & & & & \\
##  White\_Dummy &  & $-$0.006 &  & 0.001 \\
##   &  & (0.028) &  & (0.031) \\
##   & & & & \\
##  Income &  & 0.004 &  & 0.001 \\
##   &  & (0.009) &  & (0.010) \\
##   & & & & \\
##  Party\_ID &  & $-$0.017$^{**}$ &  & $-$0.026$^{***}$ \\
##   &  & (0.008) &  & (0.009) \\
##   & & & & \\
##  Edu &  & 0.011 &  & 0.014 \\
```

```
##   &  & (0.013) &  & (0.015) \\
##   & & & & \\
##  Constant & 0.018 & $-$0.094 & 0.083 & $-$0.072 \\
##   & (0.063) & (0.057) & (0.062) & (0.064) \\
##   & & & & \\
## \hline \\[-1.8ex]
## Observations & 298 & 286 & 298 & 286 \\
## R$^{2}$ & 0.521 & 0.518 & 0.608 & 0.531 \\
## Adjusted R$^{2}$ & 0.508 & 0.504 & 0.597 & 0.518 \\
## Residual Std. Error & 0.210 (df = 289) & 0.177 (df = 277) & 0.208 (df = 289) & 0.197 (df = 277) \\
## F Statistic & 39.306$^{***}$ (df = 8; 289) & 37.240$^{***}$ (df = 8; 277) & 56.042$^{***}$ (df = 8; 2
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{4}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```