**R CODE**

**STOCKS**

library(tidyquant)

library(tidyverse)

options("getSymbols.warning4.0"=FALSE)

options("getSymbols.yahoo.warning"=FALSE)

today\_date <- Sys.Date()

yesterday\_date <- Sys.Date()-1

rates <- tibble(from = "USD",

to = "CAD") %>%

mutate(getQuote(paste0(from, to, "=X")) %>%

select(rate = Last))

###TECH STOCKS###

getSymbols("PARA", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("NFLX", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("META", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("AMZN", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("GOOGL", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

###CAN CANNABIS###

getSymbols("OGI.TO", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("TLRY.TO", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("WEED.TO", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("XLY.TO", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("ACB.TO", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("HEXO.TO", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("CRON.TO", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("VFF", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

###USA CANNABIS###

getSymbols("MSOS", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("TRUL.CN", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("CL.CN", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("GTII.CN", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("CURA.CN", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("VRNO.CN", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

getSymbols("TER.CN", from = yesterday\_date,

to = today\_date+1,

warnings=FALSE,

auto.assign = TRUE)

###TOTAL PORTFOLIO###

#TOTAL TECH#

PARA\_STOCK <- PARA[,4]\*852\*rates$rate

NFLX\_STOCK <- NFLX[,4]\*123\*rates$rate

META\_STOCK <- META[,4]\*150\*rates$rate

GOOGL\_STOCK <- GOOGL[,4]\*80\*rates$rate

AMZN\_STOCK <- AMZN[,4]\*75\*rates$rate

TOTAL\_TECH <- PARA\_STOCK+NFLX\_STOCK+META\_STOCK+GOOGL\_STOCK+AMZN\_STOCK

#TOTAL CAN WEED#

VFF\_STOCK <- VFF[,4]\*375\*rates$rate

ACB\_STOCK <- ACB.TO[,4]\*225

XLY\_STOCK <- XLY.TO[,4]\*40950

WEED\_STOCK <- WEED.TO[,4]\*705

TLRY\_STOCK <- TLRY.TO[,4]\*700

OGI\_STOCK <- OGI.TO[,4]\*2500

HEXO\_STOCK <- HEXO.TO[,4]\*2000

CRON\_STOCK <- CRON.TO[,4]\*450

TOTAL\_CAN\_WEED <- VFF\_STOCK+ACB\_STOCK+XLY\_STOCK+WEED\_STOCK+TLRY\_STOCK+OGI\_STOCK+HEXO\_STOCK+CRON\_STOCK

#TOTAL USA WEED#

MSOS\_STOCK <- MSOS[,4]\*475\*rates$rate

TRUL\_STOCK <- TRUL.CN[,4]\*145

CL\_STOCK <- CL.CN[,4]\*650

GTII\_STOCK <- GTII.CN[,4]\*300

CURA\_STOCK <- CURA.CN[,4]\*265

VRNO\_STOCK <- VRNO.CN[,4]\*100

TER\_STOCK <- TER.CN[,4]\*150

TOTAL\_USA\_WEED <- MSOS\_STOCK+TRUL\_STOCK+CL\_STOCK+GTII\_STOCK+CURA\_STOCK+VRNO\_STOCK+TER\_STOCK

TOTAL\_PORTFOLIO <- TOTAL\_TECH+TOTAL\_CAN\_WEED+TOTAL\_USA\_WEED

INITIAL\_INVESTMENT <- as.numeric(163020)

CURRENT\_RETURN\_PERCENT <- ((TOTAL\_PORTFOLIO-INITIAL\_INVESTMENT)/INITIAL\_INVESTMENT)\*100

CURRENT\_RETURN\_DOLLARS <- TOTAL\_PORTFOLIO - INITIAL\_INVESTMENT

RETURN\_MATRIX <- cbind(TOTAL\_PORTFOLIO,INITIAL\_INVESTMENT,CURRENT\_RETURN\_DOLLARS,CURRENT\_RETURN\_PERCENT)

colnames(RETURN\_MATRIX) <- c("Total Portfolio Value (CAD)","Initial Investment (CAD)",

"$ Return (CAD)","% Return")

SECTOR\_VALUE <- rbind(TOTAL\_TECH, TOTAL\_USA\_WEED,TOTAL\_CAN\_WEED)

colnames(SECTOR\_VALUE) <- c("$ CAD")

view(RETURN\_MATRIX)

view(SECTOR\_VALUE)

**CONSPIRACY**

cons\_rep\_un <- read.csv("/Users/devprem/Downloads/conspiracy\_republican.csv") %>%

rename(Prime.Text = Rep.Text.,

Manip\_1 = Rep\_Manip\_1,

Manip\_2 = Rep\_Manip\_2)

cons\_dem\_un <- read.csv("/Users/devprem/Downloads/conspiracy\_dem.csv") %>%

rename(Prime.Text = Dem.Text.,

Manip\_1 = Dem\_Manip\_1,

Manip\_2 = Dem\_Manip\_2)

View(cons\_dem\_un)

library(tidyverse)

#V\_REP = 0 = republicans

#V\_REP = 1 = democrats

cons\_rep\_un$V\_REP <- 0

cons\_dem\_un$V\_REP <- 1

merged\_df <- rbind(cons\_rep\_un, cons\_dem\_un[-c(3:4),])

View(merged\_df)

View(cons\_rep\_un)

View(cons\_dem\_un)

df2 <- merged\_df[-c(1:2),]

View(df2)

df2 %>%

count(Finished)

df3 <- df2 %>%

filter(Attn\_1 == 1,

Attn\_2 == 4)

DISC\_DF <- df3 %>%

filter(V\_REP == "0",

Condition == "3")

View(DISC\_DF)

DISC\_DF %>%

count(Manip\_2)

DISC\_DF\_2 <- df3 %>%

filter(V\_REP == "1",

Condition == "3")

DISC\_DF\_2 %>%

count(Manip\_1)

#Republicans in South in right-wing condition

DF\_SOUTH <- DISC\_DF %>%

filter(DG\_13 == "4" | DG\_13 == "5")

DF\_SOUTH %>%

count(Finished)

df3 %>%

count(Finished)

df3 %>%

select(V\_REP == 0) %>%

count(Finished)

View(df3)

df3$Religion <- 0

df3$Religion[df3$DG\_12 != 1 & df3$DG\_12 != 2] <- 1

View(df3)

#RSE Processing

RSE\_un <- df3 %>%

select(RSE\_01.:RSE\_10\_R.) %>%

sapply(as.numeric) %>%

as.data.frame(RSE\_un) %>%

mutate(RSE\_03\_R. = 5 - RSE\_03\_R.,

RSE\_05\_R. = 5 - RSE\_05\_R.,

RSE\_08\_R. = 5 - RSE\_08\_R.,

RSE\_09\_R. = 5 - RSE\_09\_R.,

RSE\_10\_R. = 5 - RSE\_10\_R.)

RSE\_proc <- rowSums(RSE\_un)

#Region

df3$Region <- 0

df3$Region[df3$DG\_13 == 4 | df3$DG\_13 == 5] <- 1

df3$Region[df3$DG\_13 != 4 | df3$DG\_13h != 5] <- -1

#Education

df3$education <- df3$DG\_06 %>%

lapply(as.numeric) %>%

unlist()

#Income

df3$income <- df3$DG\_07 %>%

lapply(as.numeric) %>%

unlist()

#Anomia\_1 - social

df3$social\_anomia <- df3$DG\_09 %>%

lapply(as.numeric) %>%

unlist()

df3$political\_anomia <- df3$DG\_10 %>%

lapply(as.numeric) %>%

unlist()

#GCBS Processing

GCBS\_un <- df3 %>%

select(GCBS.Item.1.:GCBS.Item.15.) %>%

sapply(as.numeric) %>%

as.data.frame(GCBS\_un)

GCBS\_proc <- rowMeans(GCBS\_un)

#PNS Processing

PNS\_un <- df3 %>%

select(PNS.1.:PNS.11.) %>%

sapply(as.numeric) %>%

as.data.frame(PNS\_un) %>%

mutate(PNS.2\_R. = 7 - PNS.2\_R.,

PNS.5\_R. = 7 - PNS.5\_R.,

PNS.10.\_R = 7 - PNS.10.\_R)

PNS\_proc <- rowMeans(PNS\_un)

Independent\_un <- df3 %>%

select(Indep\_13:Indep\_24.) %>%

sapply(as.numeric)

Independent\_proc <- rowMeans(Independent\_un)

Interdependent\_un <- df3 %>%

select(Inter\_1:Inter\_12.) %>%

sapply(as.numeric)

Interdependent\_proc <- rowMeans(Interdependent\_un)

#Political Orientation

PO\_proc <- df3 %>%

select(Political\_Orient) %>%

lapply(as.numeric) %>%

unlist()

#Standardizing all of the continuous variables...

#Condition 3 = right-wing threat, condition 1 = generic threat, condition 2 = control

df3$MT\_R <- 0

df3$MT\_G <- 0

df3$MT\_R[df3$Condition == 3] <- 1

df3$MT\_G[df3$Condition == 1] <- 1

df3$Gender\_Code <- 0

df3$Gender\_Code[df3$DG\_01 == 1] <- -1

df3$Gender\_Code[df3$DG\_01 == 2] <- 1

###Adding new codes for SES and whatnot

#Ethnicity

df3$Ethnicity <- 0

df3$Ethnicity[df3$DG\_04 == 3] <- 1

df3$Ethnicity[df3$DG\_04 != 3] <- -1

###

#PULLING FOR Methods

###

df3$PO\_proc <- PO\_proc

PO\_total <- df3 %>%

select(PO\_proc) %>%

sapply(as.numeric) %>%

unlist()

sd(PO\_total)

df3 %>%

filter(DG\_02 == "2") %>%

select(DG\_02) %>%

count(DG\_02)

AGE\_TOTAL <- df3 %>%

select(DG\_03) %>%

sapply(as.numeric) %>%

unlist()

sd(AGE\_TOTAL)

df3 %>%

select(DG\_04) %>%

count(DG\_04)

###

#GENERIC DEM METHODS

###

df\_generic\_dem <- df3 %>%

filter(Condition == "2",

V\_REP == "1")

df\_generic\_dem %>%

select(DG\_02) %>%

count(DG\_02)

age\_generic\_dem <- df\_generic\_dem %>%

select(DG\_03) %>%

sapply(as.numeric) %>%

unlist()

sd(age\_generic\_dem)

df\_generic\_dem %>%

select(DG\_04) %>%

count(DG\_04)

PO\_GENERIC\_DEM <- df\_generic\_dem %>%

select(PO\_proc) %>%

sapply(as.numeric) %>%

unlist()

sd(PO\_GENERIC\_DEM)

##

#CONTROL DEM

##

df\_con\_dem <- df3 %>%

filter(Condition == "1",

V\_REP == "1")

df\_con\_dem %>%

count(Finished)

df\_con\_dem %>%

select(DG\_02) %>%

count(DG\_02)

AGE\_DEM\_CON <- df\_con\_dem %>%

select(DG\_03) %>%

sapply(as.numeric) %>%

unlist()

sd(AGE\_DEM\_CON)

df\_con\_dem %>%

select(DG\_04) %>%

count(DG\_04)

PO\_DEM\_CON <- df\_con\_dem %>%

select(PO\_proc) %>%

sapply(as.numeric) %>%

unlist()

sd(PO\_DEM\_CON)

###

#GENERIC REP METHODS

###

df\_generic\_rep <- df3 %>%

filter(Condition == "2",

V\_REP == "0")

df\_generic\_rep %>%

count(Finished)

df\_generic\_rep %>%

select(DG\_02) %>%

count(DG\_02)

AGE\_GEN\_REP <- df\_generic\_rep %>%

select(DG\_03) %>%

sapply(as.numeric) %>%

unlist()

sd(AGE\_GEN\_REP)

df\_generic\_rep %>%

select(DG\_04) %>%

count(DG\_04)

PO\_GEN\_REP <- df\_generic\_rep %>%

select(PO\_proc) %>%

sapply(as.numeric) %>%

unlist()

sd(PO\_GEN\_REP)

###

#CONTROL REP METHODS

###

df\_con\_rep <- df3 %>%

filter(Condition == "1",

V\_REP == "0")

df\_con\_rep %>%

count(Finished)

df\_con\_rep %>%

select(DG\_02) %>%

count(DG\_02)

AGE\_CON\_REP <- df\_con\_rep %>%

select(DG\_03) %>%

sapply(as.numeric) %>%

unlist()

sd(AGE\_CON\_REP)

df\_con\_rep %>%

select(DG\_04) %>%

count(DG\_04)

PO\_CON\_REP <- df\_con\_rep %>%

select(PO\_proc) %>%

sapply(as.numeric) %>%

unlist()

sd(PO\_CON\_REP)

mean(df3$DG\_03)

df3$DG\_03 <- as.numeric(df3$DG\_03)

class(df3$DG\_03)

mean\_df3\_age <- df3 %>%

select(DG\_03)

View(mean\_df3\_age)

class(mean\_df3\_age)

mean\_df3\_age <- mean\_df3\_age %>%

sapply(as.numeric) %>%

unlist()

class(mean\_df3\_age)

mean(mean\_df3\_age)

sd(mean\_df3\_age)

mean\_df3\_race <- df3 %>%

select(DG\_04) %>%

sapply(as.numeric) %>%

unlist()

df3 %>%

filter(DG\_04 == 3) %>%

count(DG\_04)

mean(PO\_proc)

count(PO\_proc)

class(df3$PO\_proc)

sd(PO\_proc)

df3 %>%

count(Finished)

df3 %>%

filter(DG\_02 == 2) %>%

count(Finished)

#REGION//EDUCATION/INCOME/ANOMIA

df3$persecuted <- df3$DG\_11 %>%

lapply(as.numeric) %>%

unlist()

GCBS\_Model\_1 <- lm(GCBS\_proc ~ 1 + MT\_R + MT\_G, data = df3)

PNS\_Model\_1 <- lm(PNS\_proc ~ 1 + MT\_R + MT\_G, data = df3)

Inde\_Model\_1 <- lm(Independent\_proc ~ 1 + MT\_R + MT\_G, data = df3)

Inter\_Model\_1 <- lm(Interdependent\_proc ~ 1 + MT\_R + MT\_G, data = df3)

RSE\_Model\_1 <- lm(RSE\_proc ~ 1 + MT\_R + MT\_G, data = df3)

PO\_Model\_1 <- lm(PO\_proc ~ 1 + MT\_R + MT\_G, data = df3)

AGE\_Model\_repub\_1 <- lm(age\_proc ~ 1 + MT\_R + MT\_G, data = df3)

#gathering sigmas

sigma.GCBS. <- summary(GCBS\_Model\_1)$sigma

sigma.PNS. <- summary(PNS\_Model\_1)$sigma

sigma.Inde. <- summary(Inde\_Model\_1)$sigma

sigma.Inter. <- summary(Inter\_Model\_1)$sigma

sigma.RSE. <- summary(RSE\_Model\_1)$sigma

sigma.PO. <- summary(PO\_Model\_1)$sigma

sigma.AGE.repub <- summary(AGE\_Model\_repub\_1)$sigma

#Standardizing

Z\_GCBS\_ <- (GCBS\_proc - mean(GCBS\_proc))/sigma.GCBS.

Z\_PNS\_ <- (PNS\_proc - mean(PNS\_proc))/sigma.PNS.

Z\_Inde\_ <- (Independent\_proc - mean(Independent\_proc))/sigma.Inde.

Z\_Inter\_ <- (Interdependent\_proc - mean(Interdependent\_proc))/sigma.Inter.

Z\_RSE\_ <- (RSE\_proc - mean(RSE\_proc))/sigma.RSE.

Z\_PO\_ <- (PO\_proc - mean(PO\_proc))/sigma.PO.

Z\_AGE\_repub <- (age\_repub\_proc - mean(age\_repub\_proc))/sigma.AGE.repub

summary(lm(Z\_PNS\_ ~ 1 + MT\_R + MT\_G, data=df3))

summary(lm(PNS\_proc ~ 1 + MT\_R + MT\_G, data=df3))

summary(lm(Z\_GCBS\_ ~ 1 + MT\_R + MT\_G+Z\_persecuted, data=df3))

summary(lm(GCBS\_proc ~ 1 + MT\_R + MT\_G + persecuted, data=df3))

df3 %>%

filter(Condition == 1) %>%

count(Condition)

library(MASS)

detach(package:MASS)

summary(rlm(Z\_PNS\_ ~ 1 + MT\_R + MT\_G, data=df3))

summary(rlm(PNS\_proc ~ 1 + MT\_R + MT\_G + PO\_proc, data=df3))

summary(rlm(Z\_GCBS\_ ~ 1 + MT\_R + MT\_G + Z\_persecuted

, data=df3))

cor.test(df3$Z\_persecuted, Z\_RSE\_)

cor.test(df3$Z\_persecuted, Z\_Inter\_)

cor.test(df3$persecuted, Z\_PO\_)

cor.test(df3$Z\_persecuted, df3$social\_anomia)

cor.test(df3$Z\_persecuted, df3$political\_anomia)

cor.test(df3$Z\_persecuted, df3$Religion)

model\_pers <- lm(persecuted ~ 1 + MT\_R + MT\_G, data = df3)

sigma.pers <- summary(model\_pers)$sigma

df3$Z\_persecuted <- df3$persecuted - mean(df3$persecuted)/sigma.pers

df3$GCBS\_proc <- GCBS\_proc

df3$PNS\_proc <- PNS\_proc

Boot.M <- function(data, indices) {

bootdata <- data[indices,]

GCBS\_Model\_1 <- lm(GCBS\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

PNS\_Model\_1 <- lm(PNS\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

model\_pers <- lm(persecuted ~ 1 + MT\_R + MT\_G, data = bootdata)

sigma.GCBS. <- summary(GCBS\_Model\_1)$sigma

sigma.PNS. <- summary(PNS\_Model\_1)$sigma

sigma.pers <- summary(model\_pers)$sigma

bootdata$Z\_GCBS\_ <- (bootdata$GCBS\_proc - mean(bootdata$GCBS\_proc))/sigma.GCBS.

bootdata$Z\_PNS\_ <- (bootdata$PNS\_proc - mean(bootdata$PNS\_proc))/sigma.PNS.

bootdata$Z\_persecuted <- bootdata$persecuted - mean(bootdata$persecuted)/sigma.pers

PNS\_BOOT\_M <- summary(lm(Z\_PNS\_ ~ 1 + MT\_R + MT\_G, data=bootdata))

GCBS\_BOOT\_M <- summary(lm(Z\_GCBS\_ ~ 1 + MT\_R + MT\_G+Z\_persecuted, data=bootdata))

PNS\_BOOT\_M\_COEF <- coef(PNS\_BOOT\_M)

GCBS\_BOOT\_M\_COEF <- coef(GCBS\_BOOT\_M)

MT\_R\_PNS <- PNS\_BOOT\_M\_COEF[2]

MT\_R\_GCBS <- GCBS\_BOOT\_M\_COEF[2]

B\_GCBS <- GCBS\_BOOT\_M\_COEF[4]

c(MT\_R\_PNS, MT\_R\_GCBS, B\_GCBS)

}

library(boot)

library(parallel)

Boot\_Model\_M <- boot(data= df3, statistic=Boot.M, R=999,

parallel="multicore", ncpus=detectCores()-1)

boot.ci(Boot\_Model\_M, index=1, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_M, index=2, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_M, index=3, conf=(0.95), type="bca")

#GCBS BAR GRAPH

GCBS\_DEM\_MEANS <- c(4.93, 4.71, 4.96)

NAMES\_GCBS\_DEM <- c("Monument vandalism","Rabbit video","Television salience")

SE\_GCBS\_DEM <- c(.50, .46, .46)

barCentersD2 <- barplot(GCBS\_DEM\_MEANS, names.arg=NAMES\_GCBS\_DEM, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 7), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Generic Conspiracy Beliefs",

main = "American South Generic Conspiracy Beliefs",cex.main=1.5)

arrows(barCentersD2, GCBS\_DEM\_MEANS - SE\_GCBS\_DEM\*2, barCentersD2,

GCBS\_DEM\_MEANS + SE\_GCBS\_DEM\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

segments(x0=0.7, x1=3.1, y0=6.5, y1=6.5, col="black", lwd=1)

segments(x0=0.7, x1=0.7, y0=6.5, y1=6.25, col="black", lwd=1)

segments(x0=3.1, x1=3.1, y0=6.5, y1=6.25, col="black", lwd=1)

segments(x0=1.9, x1=1.9, y0=6.5, y1=6.25, col="black", lwd=1)

text(x=1.9, y=6.675, labels="ns", col="black", font=3)

summary(lm(Z\_PNS\_ ~ Z\_GCBS\_ + MT\_R + MT\_G , data = df3))

#DEM PNS BAR GRAPH

PNS\_DEM\_MEANS <- c(4.72, 4.59, 4.39)

NAMES\_PNS\_DEM <- c("Monument vandalism","Rabbit video","Television salience")

SE\_PNS\_DEM <- c(.16, .15, .15)

barCentersD1 <- barplot(PNS\_DEM\_MEANS, names.arg=NAMES\_PNS\_DEM, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 7), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Personal Need for Structure",

main = "American South Personal Need for Structure",cex.main=1.5)

arrows(barCentersD1, PNS\_DEM\_MEANS - SE\_PNS\_DEM\*2, barCentersD1,

PNS\_DEM\_MEANS + SE\_PNS\_DEM\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

segments(x0=0.7, x1=3.1, y0=6.25, y1=6.25, col="black", lwd=1)

segments(x0=0.7, x1=0.7, y0=6.25, y1=6, col="black", lwd=1)

segments(x0=3.1, x1=3.1, y0=6.25, y1=6, col="black", lwd=1)

segments(x0=1.9, x1=1.9, y0=6.25, y1=6, col="black", lwd=1)

text(x=1.9, y=6.425, labels="ns", col="black", font=3)

#REPUB GCBS BOOT

Boot.Repub.2 <- function(data, indices) {

bootdata <- data[indices,]

GCBS\_Model\_repub\_1 <- lm(GCBS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

PNS\_Model\_repub\_1 <- lm(PNS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

Inde\_Model\_repub\_1 <- lm(Independent\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

Inter\_Model\_repub\_1 <- lm(Interdependent\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

RSE\_Model\_repub\_1 <- lm(RSE\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

PO\_Model\_repub\_1 <- lm(PO\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

EDUC\_Model\_repub\_1 <- lm(education\_repub ~ 1 + MT\_R + MT\_G, data = bootdata)

PERS\_Model\_repub\_1 <- lm(persecuted\_repub ~ 1 + MT\_R + MT\_G, data = bootdata)

#gathering sigmas

sigma.GCBS.repub <- summary(GCBS\_Model\_repub\_1)$sigma

sigma.PNS.repub <- summary(PNS\_Model\_repub\_1)$sigma

sigma.Inde.repub <- summary(Inde\_Model\_repub\_1)$sigma

sigma.Inter.repub <- summary(Inter\_Model\_repub\_1)$sigma

sigma.RSE.repub <- summary(RSE\_Model\_repub\_1)$sigma

sigma.PO.repub <- summary(PO\_Model\_repub\_1)$sigma

sigma.EDUC.repub <- summary(EDUC\_Model\_repub\_1)$sigma

sigma.PERS.repub <- summary(PERS\_Model\_repub\_1)$sigma

#Standardizing

bootdata$Z\_GCBS\_repub <- (bootdata$GCBS\_repub\_proc - mean(bootdata$GCBS\_repub\_proc))/sigma.GCBS.repub

bootdata$Z\_PNS\_repub <- (bootdata$PNS\_repub\_proc - mean(bootdata$PNS\_repub\_proc))/sigma.PNS.repub

bootdata$Z\_Inde\_repub <- (bootdata$Independent\_repub\_proc - Original.Mean.Inde.rep)/sigma.Inde.repub

bootdata$Z\_Inter\_repub <- (bootdata$Interdependent\_repub\_proc - Original.Mean.Inter.rep)/sigma.Inter.repub

bootdata$Z\_RSE\_repub <- (bootdata$RSE\_repub\_proc - Original.Mean.RSE.rep)/sigma.RSE.repub

bootdata$Z\_PO\_repub <- (bootdata$PO\_repub\_proc - Original.Mean.PO.rep)/sigma.PO.repub

bootdata$Z\_EDUC\_repub <- (bootdata$education\_repub - mean(rep\_un$education\_repub))/sigma.EDUC.repub

bootdata$Z\_PERS\_repub <- (bootdata$persecuted\_repub - mean(rep\_un$persecuted\_repub))/sigma.PERS.repub

Model\_GCBS\_boot\_rep <- lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G + Z\_RSE\_repub + Z\_EDUC\_repub +

Z\_PERS\_repub + Z\_Inde\_repub, data = bootdata)

Model\_GCBS\_boot\_rep\_coef <- coef(Model\_GCBS\_boot\_rep)

MT\_R <- Model\_GCBS\_boot\_rep\_coef[2]

MT\_G <- Model\_GCBS\_boot\_rep\_coef[3]

B\_RSE <- Model\_GCBS\_boot\_rep\_coef[4]

B\_EDUC <- Model\_GCBS\_boot\_rep\_coef[5]

B\_PERS <- Model\_GCBS\_boot\_rep\_coef[6]

B\_Inde <- Model\_GCBS\_boot\_rep\_coef[7]

R2 <- summary(Model\_GCBS\_boot\_rep)$adj.r.squared

c(MT\_R, MT\_G, B\_RSE, B\_EDUC, B\_PERS, B\_Inde, R2)

}

**CONSPIRACY FIRST**

cons\_rep\_un <- read.csv("/Users/devprem/Downloads/conspiracy\_republican.csv")

cons\_dem\_un <- read.csv("/Users/devprem/Downloads/conspiracy\_dem.csv")

library(tidyverse)

View(cons\_rep\_un)

View(rep\_un)

rep\_un\_02 <- cons\_rep\_un[-c(1:2),]

rep\_un\_02$dummy\_vid\_02 <- 0

rep\_un\_02$dummy\_vid\_02[rep\_un\_02$Gen\_Time\_Click.Count == 0] <- 1

rep\_un\_02$dummy\_vid\_02[rep\_un\_02$Gen\_Time\_Page.Submit < 100 & rep\_un\_02$Gen\_Time\_Page.Submit > 0] <- 2

rep\_un\_02$dummy\_vid\_02[rep\_un\_02$Gen\_Time\_Page.Submit > 300] <- 3

#Put other codes here too i think^^^^^

#A workable filter: rep\_un <- rep\_un\_02 %>%

#filter(Attn\_1 == 1,

#Attn\_2 == 4,

#Rep\_Manip\_1 != 2,

#Rep\_Manip\_2 != 1,

#Rep\_Manip\_2 != 3,

#dummy\_vid\_02 == 0)

#Filter attention check

rep\_un <- rep\_un\_02 %>%

filter(Attn\_1 == 1,

Attn\_2 == 4)

rep\_un\_02 %>%

count(Finished)

rep\_un %>%

count(Finished)

dem\_un\_02 %>%

count(Finished)

dem\_un %>%

count(Finished)

#Filter Demand Check: nobody came close to guessing hypothesis

rep\_un\_2 <- rep\_un %>%

filter(Rep\_Manip\_1 != 2,

Rep\_Manip\_2 != 1,

Rep\_Manip\_2 != 3)

#The following is a dummy variable to filter for issues with video condition

#What is filtered: clicks = 0, time less than 100s or greater than 300s

#Note: may need to change this if use rep\_un for scale processing (dummy code to rep\_un)

rep\_un\_2$dummy\_vid\_1 <- 0

rep\_un\_2$dummy\_vid\_1[rep\_un\_2$Gen\_Time\_Click.Count == 0] <- 0

rep\_un\_2$dummy\_vid\_1[rep\_un\_2$Gen\_Time\_Page.Submit < 100 & rep\_un\_2$Gen\_Time\_Page.Submit > 0] <- 2

rep\_un\_2$dummy\_vid\_1[rep\_un\_2$Gen\_Time\_Page.Submit > 300] <- 0

#new df which filters for generic vid issue

rep\_un\_3 <- rep\_un\_2 %>%

filter(dummy\_vid\_1 == 0)

#new df to filter for democrats in republican study

#political orientation greater than 6

rep\_un\_4 <- rep\_un\_3 %>%

filter(Political\_Orient > 6)

#Note to self: filtering for political orientation > 6 i.e., slightly right-wing or higher

#^This removes a third of the data set so run an analysis comparing both rep\_un\_3 and \_4

View(rep\_un)

#RSE Processing

RSE\_repub\_un <- rep\_un %>%

select(RSE\_01.:RSE\_10\_R.) %>%

sapply(as.numeric) %>%

as.data.frame(RSE\_repub\_un) %>%

mutate(RSE\_03\_R. = 5 - RSE\_03\_R.,

RSE\_05\_R. = 5 - RSE\_05\_R.,

RSE\_08\_R. = 5 - RSE\_08\_R.,

RSE\_09\_R. = 5 - RSE\_09\_R.,

RSE\_10\_R. = 5 - RSE\_10\_R.)

RSE\_repub\_proc <- rowSums(RSE\_repub\_un)

detach(package:MASS)

#GCBS Processing

GCBS\_repub\_un <- rep\_un %>%

select(GCBS.Item.1.:GCBS.Item.15.) %>%

sapply(as.numeric) %>%

as.data.frame(GCBS\_repub\_un)

GCBS\_repub\_proc <- rowMeans(GCBS\_repub\_un)

#PNS Processing

PNS\_repub\_un <- rep\_un %>%

select(PNS.1.:PNS.11.) %>%

sapply(as.numeric) %>%

as.data.frame(PNS\_repub\_un) %>%

mutate(PNS.2\_R. = 7 - PNS.2\_R.,

PNS.5\_R. = 7 - PNS.5\_R.,

PNS.10.\_R = 7 - PNS.10.\_R)

PNS\_repub\_proc <- rowMeans(PNS\_repub\_un)

#Independent Processing

Independent\_repub\_un <- rep\_un %>%

select(Indep\_13:Indep\_24.) %>%

sapply(as.numeric)

Independent\_repub\_proc <- rowMeans(Independent\_repub\_un)

#Interdependent Processing

Interdependent\_repub\_un <- rep\_un %>%

select(Inter\_1:Inter\_12.) %>%

sapply(as.numeric)

Interdependent\_repub\_proc <- rowMeans(Interdependent\_repub\_un)

#Political Orientation

PO\_repub\_proc <- rep\_un %>%

select(Political\_Orient) %>%

lapply(as.numeric) %>%

unlist()

View(PO\_repub\_proc)

#PLACE ADJUSTED MEANS MODELS HERE:

#Standardizing all of the continuous variables...

#Condition 3 = right-wing threat, condition 1 = generic threat, condition 2 = control

rep\_un$MT\_R <- 0

rep\_un$MT\_G <- 0

rep\_un$MT\_R[rep\_un$Condition == 3] <- 1

rep\_un$MT\_G[rep\_un$Condition == 1] <- 1

rep\_un$Gender\_Code <- 0

rep\_un$Gender\_Code[rep\_un$DG\_01 == 1] <- -1

rep\_un$Gender\_Code[rep\_un$DG\_01 == 2] <- 1

###Adding new codes for SES and whatnot

#Ethnicity

rep\_un$Ethnicity <- 0

rep\_un$Ethnicity[rep\_un$DG\_04 == 3] <- 1

rep\_un$Ethnicity[rep\_un$DG\_04 != 3] <- -1

#Region

rep\_un$Region <- 0

rep\_un$Region[rep\_un$DG\_13 == 4 | rep\_un$DG\_13 == 5] <- 1

rep\_un$Region[rep\_un$DG\_13 != 4 | rep\_un$DG\_13h != 5] <- -1

#Education

rep\_un$education <- rep\_un$DG\_06 %>%

lapply(as.numeric) %>%

unlist()

#Income

rep\_un$income <- rep\_un$DG\_07 %>%

lapply(as.numeric) %>%

unlist()

#Anomia\_1 - social

rep\_un$social\_anomia <- rep\_un$DG\_09 %>%

lapply(as.numeric) %>%

unlist()

rep\_un$political\_anomia <- rep\_un$DG\_10 %>%

lapply(as.numeric) %>%

unlist()

rep\_un$persecuted <- rep\_un$DG\_11 %>%

lapply(as.numeric) %>%

unlist()

#Centering variables for adjust means:

PO\_repub\_cent <- PO\_repub\_proc - mean(PO\_repub\_proc)

Inde\_repub\_cent <- Independent\_repub\_proc - mean(Independent\_repub\_proc)

Inter\_repub\_cent <- Interdependent\_repub\_proc - mean(Interdependent\_repub\_proc)

#Adjusted Means Model\_PNS\_repub

Adjusted\_Means\_PNS\_Repub <- summary(lm(PNS\_repub\_proc ~ 1 + MT\_R + MT\_G + PO\_repub\_cent

+ Inde\_repub\_cent + Inter\_repub\_cent, data=rep\_un))

Adjusted\_Means\_PNS\_Repub

Adjusted\_means\_GCBS\_repub <- summary(lm(GCBS\_repub\_proc ~ 1 + MT\_R + MT\_G + Persecution\_repub\_cent +

RSE\_repub\_cent + Inde\_repub\_cent + EDUC\_repub\_cent,

data = rep\_un))

Adjusted\_means\_GCBS\_repub

DEMS\_Adjusted\_Means\_PNS <- summary(lm(PNS\_dem\_proc ~ 1 + MT\_D + MT\_G + Inter\_dem\_cent, data=dem\_un))

DEMS\_Ajusted\_Means\_GCBS <- summary(lm(GCBS\_dem\_proc ~ 1 + MT\_D + MT\_G + dem\_persecution\_cent +

dem\_pol\_ali\_cent + dem\_PO\_cent + Ethnicity, data = dem\_un))

DEMS\_Ajusted\_Means\_GCBS

summary(lm(Z\_GCBS\_dem ~ 1 + MT\_D + MT\_G + ))

#

#

#

dem\_persecution\_cent <- dem\_un$persecuted - mean(dem\_un$persecuted)

dem\_pol\_ali\_cent <- dem\_un$political\_anomia - mean(dem\_un$political\_anomia)

dem\_PO\_cent <- PO\_dem\_proc - mean(PO\_dem\_proc)

#Adjusted Means Model\_GCBS\_repub

#centering...

RSE\_repub\_cent <- RSE\_repub\_proc - mean(RSE\_repub\_proc)

EDUC\_repub\_cent <- rep\_un$education - mean(rep\_un$education)

Persecution\_repub\_cent <- rep\_un$persecuted - mean(rep\_un$persecuted)

Adjust\_Means\_GCBS\_Repub <- summary(lm(GCBS\_repub\_proc ~ 1 + MT\_R + MT\_G + RSE\_repub\_cent +

Inde\_repub\_cent + EDUC\_repub\_cent +Persecution\_repub\_cent,

data=rep\_un

))

Adjust\_Means\_GCBS\_Repub

#INdependent, interdependent, political

Adjusted\_

cor.test(GCBS\_repub\_proc, RSE\_repub\_proc)

cor.test(GCBS\_repub\_proc, Independent\_repub\_proc)

cor.test(GCBS\_repub\_proc, rep\_un$education)

cor.test(GCBS\_repub\_proc, rep\_un$persecuted)

cor.test(PO\_repub\_proc, PNS\_repub\_proc)

cor.test(PNS\_repub\_proc, Independent\_repub\_proc)

cor.test(PNS\_repub\_proc, Interdependent\_repub\_proc)

#Model for PNS

summary(lm(Z\_PNS\_repub ~ MT\_R + MT\_G + Z\_PO\_repub +

Z\_Inde\_repub + Z\_Inter\_repub, data = rep\_un))

#Model for GCBS

summary(lm(Z\_GCBS\_repub ~ MT\_R + MT\_G + Z\_RSE\_repub +

Z\_Inde\_repub + education + persecuted, data = rep\_un))

#ADJUSTED MEANS REPUBLICAN PNS

summary(lm(PNS\_repub\_proc ~ 1 + MT\_R + MT\_G + RSE\_repub\_cent + Inde\_repub\_cent +

education))

summary(lm(Z\_PNS\_repub ~ MT\_R + MT\_G + Z\_RSE\_repub + Z\_AGE\_repub + Z\_PO\_repub +

Z\_Inde\_repub + Z\_Inter\_repub + Gender\_Code + education

+income + social\_anomia + political\_anomia +

Ethnicity + persecuted +Region, data = rep\_un))

summary(lm(Z\_GCBS\_repub ~ 1 + Z\_AGE\_repub, data=rep\_un))

age\_repub\_proc <- rep\_un$DG\_03 %>%

lapply(as.numeric) %>%

unlist()

PO\_Model\_repub\_1

View(rep\_un\_boot)

rep\_un$GCBS\_repub\_proc <- GCBS\_repub\_proc

GCBS\_Model\_repub\_1 <- lm(GCBS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = rep\_un)

PNS\_Model\_repub\_1 <- lm(PNS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = rep\_un)

Inde\_Model\_repub\_1 <- lm(Independent\_repub\_proc ~ 1 + MT\_R + MT\_G, data = rep\_un)

Inter\_Model\_repub\_1 <- lm(Interdependent\_repub\_proc ~ 1 + MT\_R + MT\_G, data = rep\_un)

RSE\_Model\_repub\_1 <- lm(RSE\_repub\_proc ~ 1 + MT\_R + MT\_G, data = rep\_un)

PO\_Model\_repub\_1 <- lm(PO\_repub\_proc ~ 1 + MT\_R + MT\_G, data = rep\_un)

AGE\_Model\_repub\_1 <- lm(age\_repub\_proc ~ 1 + MT\_R + MT\_G, data = rep\_un)

#gathering sigmas

sigma.GCBS.repub <- summary(GCBS\_Model\_repub\_1)$sigma

sigma.PNS.repub <- summary(PNS\_Model\_repub\_1)$sigma

sigma.Inde.repub <- summary(Inde\_Model\_repub\_1)$sigma

sigma.Inter.repub <- summary(Inter\_Model\_repub\_1)$sigma

sigma.RSE.repub <- summary(RSE\_Model\_repub\_1)$sigma

sigma.PO.repub <- summary(PO\_Model\_repub\_1)$sigma

sigma.AGE.repub <- summary(AGE\_Model\_repub\_1)$sigma

#Standardizing

Z\_GCBS\_repub <- (GCBS\_repub\_proc - mean(GCBS\_repub\_proc))/sigma.GCBS.repub

Z\_PNS\_repub <- (PNS\_repub\_proc - mean(PNS\_repub\_proc))/sigma.PNS.repub

Z\_Inde\_repub <- (Independent\_repub\_proc - mean(Independent\_repub\_proc))/sigma.Inde.repub

Z\_Inter\_repub <- (Interdependent\_repub\_proc - mean(Interdependent\_repub\_proc))/sigma.Inter.repub

Z\_RSE\_repub <- (RSE\_repub\_proc - mean(RSE\_repub\_proc))/sigma.RSE.repub

Z\_PO\_repub <- (PO\_repub\_proc - mean(PO\_repub\_proc))/sigma.PO.repub

Z\_AGE\_repub <- (age\_repub\_proc - mean(age\_repub\_proc))/sigma.AGE.repub

summary(rlm(Z\_GCBS\_repub ~ MT\_R + MT\_G + Z\_Inde\_repub + Z\_Inter\_repub +

Z\_AGE\_repub + Z\_RSE\_repub + Gender\_Code + Z\_PO\_repub, data = rep\_un))

summary(rlm(PNS\_repub\_proc ~ MT\_R + MT\_G, data = rep\_un))

summary(rlm(GCBS\_repub\_proc ~ MT\_R + MT\_G, data = rep\_un))

summary(rlm(Z\_GCBS\_repub ~ MT\_R + MT\_G, data = rep\_un))

summary(lm(Z\_PNS\_repub ~ 1 + MT\_R + MT\_G\*Z\_PO\_repub, data=rep\_un))

summary(lm(Z\_GCBS\_repub ~ 1 + MT\_R\*Z\_PO\_repub + MT\_G, data=rep\_un))

summary(lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G + Z\_Inde\_repub + Z\_Inter\_repub +

Z\_AGE\_repub + Z\_RSE\_repub + Gender\_Code + Z\_PO\_repub, data=rep\_un))

dem\_un %>%

filter(Attn\_1 == 1 | Attn\_2 == 4) %>%

count(Condition)

49+49+48

summary(lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G + Z\_Inde\_repub + Z\_RSE\_repub +

rep\_un$education + rep\_un$persecuted, data=rep\_un))

###

###

#PULLING METHODS NUMBERS

###

###

#Condition 3 = right-wing threat, condition 1 = generic threat, condition 2 = control

rep\_un$DG\_03 <- as.numeric(rep\_un$DG\_03)

rep\_un\_con3\_age <- rep\_un %>%

filter(Condition == 3) %>%

select(DG\_03) %>%

sapply(as.numeric) %>%

unlist()

mean(rep\_un\_con3\_age)

rep\_un\_con3\_race <- rep\_un %>%

filter(Condition == 3) %>%

select(DG\_04) %>%

count(DG\_04)

rep\_un <- rep\_un$

class(rep\_un\_con3\_race)

rep\_un\_con3\_race %>%

filter(DG\_04 == 3) %>%

count(DG\_04)

rep\_un %>%

filter(Condition == 3) %>%

select(DG\_02) %>%

count(DG\_02)

here\_is\_another <- rep\_un %>%

filter(Condition == 3) %>%

select(PO\_repub\_proc) %>%

sapply(as.numeric) %>%

unlist()

sd(here\_is\_another)

count(rep\_un\_con3$Finished)

rep\_un\_PO\_mean <- cbind(PO\_repub\_proc, rep\_un$Condition)

rep\_mean\_con3 <- rep\_un\_PO\_mean %>%

sapply(as.numeric) %>%

unlist()

View(rep\_mean\_con3)

class(rep\_un\_PO\_mean$PO\_repub\_proc)

mean(rep\_un\_PO\_mean$PO\_repub\_proc)

REP\_MEAN\_3 <- rep\_un\_PO\_mean %>%

filter(Condition == 3)

REP\_MEAN\_33 <- REP\_MEAN\_3

class(PO\_repub\_proc)

condition\_column <- rep\_un$Condition

ROW\_ID <- rowid\_to\_column(rep\_un)

NEW\_NEW\_DF <- cbind(as.data.frame(condition\_column, PO\_repub\_proc))

class(rep\_un$Condition)

class(rep\_un$PO\_repub\_proc)

rep\_un$PO\_repub\_proc <- PO\_repub\_proc

try\_this <- rep\_un %>%

filter(Condition == "3")

str(try\_this)

sd(try\_this$PO\_repub\_proc)

count(PO\_repub\_proc)

View(NEW\_NEW\_DF)

NEW\_NEW\_DF\_1 <- NEW\_NEW\_DF %>%

sapply(as.numeric) %>%

unlist() %>%

as.data.frame()

class(NEW\_NEW\_DF\_1)

NEW\_NEW\_DF\_1 <- as.data.frame(NEW\_NEW\_DF\_1)

repub\_meanZ <- NEW\_NEW\_DF\_1 %>%

filter(condition\_column == 3)

filter(condition\_column == 3)

str(NEW\_NEW\_DF\_1)

View(NEW\_NEW\_DF\_1)

#

#

#

#

#Processing Dem side now

#

#

#

#

dem\_un\_02 <- cons\_dem\_un[-c(1:2),]

dem\_un\_02$dummy\_vid\_02 <- 0

dem\_un\_02$dummy\_vid\_02[dem\_un\_02$Gen\_Time\_Click.Count == 0] <- 1

dem\_un\_02$dummy\_vid\_02[dem\_un\_02$Gen\_Time\_Page.Submit < 100 & dem\_un\_02$Gen\_Time\_Page.Submit > 0] <- 2

dem\_un\_02$dummy\_vid\_02[dem\_un\_02$Gen\_Time\_Page.Submit > 300] <- 3

dem\_un <- dem\_un\_02[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4)

#RSE Processing

RSE\_dem\_un <- dem\_un %>%

select(RSE\_01.:RSE\_10\_R.) %>%

sapply(as.numeric) %>%

as.data.frame(RSE\_dem\_un) %>%

mutate(RSE\_03\_R. = 5 - RSE\_03\_R.,

RSE\_05\_R. = 5 - RSE\_05\_R.,

RSE\_08\_R. = 5 - RSE\_08\_R.,

RSE\_09\_R. = 5 - RSE\_09\_R.,

RSE\_10\_R. = 5 - RSE\_10\_R.)

RSE\_dem\_proc <- rowSums(RSE\_dem\_un)

#GCBS Processing

GCBS\_dem\_un <- dem\_un %>%

select(GCBS.Item.1.:GCBS.Item.15.) %>%

sapply(as.numeric) %>%

as.data.frame(GCBS\_dem\_un)

GCBS\_dem\_proc <- rowMeans(GCBS\_dem\_un)

#PNS Processing

PNS\_dem\_un <- dem\_un %>%

select(PNS.1.:PNS.11.) %>%

sapply(as.numeric) %>%

as.data.frame(PNS\_dem\_un) %>%

mutate(PNS.2\_R. = 7 - PNS.2\_R.,

PNS.5\_R. = 7 - PNS.5\_R.,

PNS.10.\_R = 7 - PNS.10.\_R)

PNS\_dem\_proc <- rowMeans(PNS\_dem\_un)

#Independent Processing

Independent\_dem\_un <- dem\_un %>%

select(Indep\_13:Indep\_24.) %>%

sapply(as.numeric)

Independent\_dem\_proc <- rowMeans(Independent\_dem\_un)

#Interdependent Processing

Interdependent\_dem\_un <- dem\_un %>%

select(Inter\_1:Inter\_12.) %>%

sapply(as.numeric)

Interdependent\_dem\_proc <- rowMeans(Interdependent\_dem\_un)

#Political Orientation

PO\_dem\_proc <- dem\_un %>%

select(Political\_Orient) %>%

lapply(as.numeric) %>%

unlist()

#PLACE ADJUSTED MEANS MODELS HERE:

#Standardizing all of the continuous variables...

#Standardizing all of the continuous variables...

#MT\_D=condition 3, MT\_G=condition 1, control=condition 2

dem\_un$MT\_D <- 0

dem\_un$MT\_G <- 0

dem\_un$MT\_D[dem\_un$Condition == 3] <- 1

dem\_un$MT\_G[dem\_un$Condition == 1] <- 1

View(dem\_un)

dem\_un$Gender\_Code <- 0

dem\_un$Gender\_Code[dem\_un$DG\_01 == 1] <- -1

dem\_un$Gender\_Code[dem\_un$DG\_01 == 2] <- 1

age\_dem\_proc <- dem\_un$DG\_03 %>%

lapply(as.numeric) %>%

unlist()

###

#PULL METHODS INFO

###

dem\_un$PO\_dem\_proc <- PO\_dem\_proc

class(dem\_un$PO\_dem\_proc)

new\_here <- dem\_un %>%

filter(Condition == 3)

age\_for\_dem <- dem\_un %>%

filter(DG\_02 == "2",

Condition == "3") %>%

count(DG\_02)

dem\_cond\_3 <- dem\_un %>%

filter(Condition == "3")

po\_try\_this <- dem\_cond\_3 %>%

select(PO\_dem\_proc) %>%

sapply(as.numeric) %>%

unlist()

sd(po\_try\_this)

age\_of\_dem <- dem\_cond\_3 %>%

select(DG\_03) %>%

sapply(as.numeric) %>%

unlist()

dem\_cond\_3 %>%

select(DG\_04) %>%

count(DG\_04)

mean(age\_of\_dem)

class(dem\_cond\_3$DG\_03)

count(new\_here$DG\_02)

dem\_un %>%

count(Condition)

rep\_un %>%

count(Condition)

#Other codes

#Ethnicity

dem\_un$Ethnicity <- 0

dem\_un$Ethnicity[dem\_un$DG\_04 == 3] <- 1

dem\_un$Ethnicity[dem\_un$DG\_04 != 3] <- -1

#Region

dem\_un$Region <- 0

dem\_un$Region[dem\_un$DG\_13 == 4 | dem\_un$DG\_13 == 5] <- 1

dem\_un$Region[dem\_un$DG\_13 != 4 | dem\_un$DG\_13h != 5] <- -1

#Education

dem\_un$education <- dem\_un$DG\_06 %>%

lapply(as.numeric) %>%

unlist()

#Income

dem\_un$income <- dem\_un$DG\_07 %>%

lapply(as.numeric) %>%

unlist()

#Anomia\_1 - social

dem\_un$social\_anomia <- dem\_un$DG\_09 %>%

lapply(as.numeric) %>%

unlist()

dem\_un$political\_anomia <- dem\_un$DG\_10 %>%

lapply(as.numeric) %>%

unlist()

dem\_un$persecuted <- dem\_un$DG\_11 %>%

lapply(as.numeric) %>%

unlist()

#Centering dem covariates

Inter\_dem\_cent <- Interdependent\_dem\_proc - mean(Interdependent\_dem\_proc)

#Adjusted Means Model DEM

Adjusted\_Means\_Dem\_PNS <- summary(lm(PNS\_dem\_proc ~ 1 + MT\_D + MT\_G + Inter\_dem\_cent,

data=dem\_un))

Adjusted\_Means\_Dem\_PNS

summary(lm(Z\_PNS\_dem ~ 1 + MT\_D + MT\_G + Z\_Inter\_dem, data = dem\_un))

cor.test(PNS\_dem\_proc, dem\_un$Gender\_Code)

cor.test(PNS\_dem\_proc, Interdependent\_dem\_proc)

cor.test(PNS\_dem\_proc, PO\_dem\_proc)

cor.test(PNS\_dem\_proc, Independent\_dem\_proc)

summary(lm(Z\_GCBS\_dem ~ 1 + MT\_D + MT\_G + Z\_AGE\_dem

+ Z\_PO\_dem + Z\_RSE\_dem + Z\_Inde\_dem + Z\_Inter\_dem

+ Gender\_Code + Ethnicity + Region + education + income +

persecuted + social\_anomia + political\_anomia, data=dem\_un))

cor.test(GCBS\_dem\_proc, PO\_dem\_proc)

cor.test(GCBS\_dem\_proc, RSE\_dem\_proc)

cor.test(GCBS\_dem\_proc, Independent\_dem\_proc)

cor.test(GCBS\_dem\_proc, dem\_un$Ethnicity)

cor.test(GCBS\_dem\_proc, dem\_un$education)

cor.test(GCBS\_dem\_proc, dem\_un$persecuted)

cor.test(GCBS\_dem\_proc, dem\_un$political\_anomia)

cor.test(GCBS\_dem\_proc)

cor.test(GCBS\_repub\_proc, Independent\_repub\_proc)

#Adjusted Means Dems

#THESE MUST BE CENTERED

summary(lm(GCBS\_dem\_proc ~ 1 + MT\_D + MT\_G + PO\_dem\_proc + Independent\_dem\_proc +

Ethnicity + persecuted + political\_anomia, data=dem\_un))

dem\_un %>%

count(dem\_un$Attn\_1 == 1 | Attn\_2 == 4)

count(dem\_un$education[dem\_un$education] == 3 | dem\_un$education == 4)

summary(lm(Z\_PNS\_repub ~ 1 + MT\_R + MT\_G + Z\_PO\_repub +Z\_Inde\_repub + Z\_Inter\_repub, data=rep\_un))

GCBS\_Model\_dem\_1 <- lm(GCBS\_dem\_proc ~ 1 + MT\_D + MT\_G, data = dem\_un)

PNS\_Model\_dem\_1 <- lm(PNS\_dem\_proc ~ 1 + MT\_D + MT\_G, data = dem\_un)

Inde\_Model\_dem\_1 <- lm(Independent\_dem\_proc ~ 1 + MT\_D + MT\_G, data = dem\_un)

Inter\_Model\_dem\_1 <- lm(Interdependent\_dem\_proc ~ 1 + MT\_D + MT\_G, data = dem\_un)

RSE\_Model\_dem\_1 <- lm(RSE\_dem\_proc ~ 1 + MT\_D + MT\_G, data = dem\_un)

PO\_Model\_dem\_1 <- lm(PO\_dem\_proc ~ 1 + MT\_D + MT\_G, data = dem\_un)

AGE\_Model\_dem\_1 <- lm(age\_dem\_proc ~ 1 + MT\_D + MT\_G, data = dem\_un)

PERS\_dem\_1 <- lm(persecuted ~ 1 + MT\_D + MT\_G, data = dem\_un)

POL\_ANO\_dem\_1 <- lm(political\_anomia ~ 1 + MT\_D + MT\_G, data = dem\_un)

#gathering sigmas

sigma.GCBS.dem <- summary(GCBS\_Model\_dem\_1)$sigma

sigma.PNS.dem <- summary(PNS\_Model\_dem\_1)$sigma

sigma.Inde.dem <- summary(Inde\_Model\_dem\_1)$sigma

sigma.Inter.dem <- summary(Inter\_Model\_dem\_1)$sigma

sigma.RSE.dem <- summary(RSE\_Model\_dem\_1)$sigma

sigma.PO.dem <- summary(PO\_Model\_dem\_1)$sigma

sigma.AGE.dem <- summary(AGE\_Model\_dem\_1)$sigma

sigma.PERS.dem <- summary(PERS\_dem\_1)$sigma

sigma.POL.ANO.dem <- summary (POL\_ANO\_dem\_1)$sigma

#Standardizing

Z\_GCBS\_dem <- (GCBS\_dem\_proc - mean(GCBS\_dem\_proc))/sigma.GCBS.dem

Z\_PNS\_dem <- (PNS\_dem\_proc - mean(PNS\_dem\_proc))/sigma.PNS.dem

Z\_Inde\_dem <- (Independent\_dem\_proc - mean(Independent\_dem\_proc))/sigma.Inde.dem

Z\_Inter\_dem <- (Interdependent\_dem\_proc - mean(Interdependent\_dem\_proc))/sigma.Inter.dem

Z\_RSE\_dem <- (RSE\_dem\_proc - mean(RSE\_dem\_proc))/sigma.RSE.dem

Z\_PO\_dem <- (PO\_dem\_proc - mean(PO\_dem\_proc))/sigma.PO.dem

Z\_AGE\_dem <- (age\_dem\_proc - mean(age\_dem\_proc))/sigma.AGE.dem

Z\_PERS\_dem <- (dem\_un$persecuted - mean(dem\_un$persecuted))/sigma.PERS.dem

Z\_POL\_ANO\_dem <- (dem\_un$political\_anomia - mean(dem\_un$political\_anomia))/sigma.POL.ANO.dem

#GATHERING INFO FOR METHODS SECTION

summary(lm(Z\_GCBS\_dem ~ 1 + MT\_D\*Z\_PO\_dem + MT\_G

, data=dem\_un))

summary(lm(Z\_GCBS\_dem ~ 1 + MT\_D + MT\_G, data=dem\_un))

summary(lm(Z\_GCBS\_dem ~ 1 + Z\_Inde\_dem, data=dem\_un))

qplot(y = Z\_GCBS\_dem, x = Z\_PO\_dem, data = dem\_un) + geom\_smooth(method = "lm")

qplot(y = Z\_GCBS\_repub, x = Z\_PO\_repub, data = rep\_un) + geom\_smooth(method = "lm")

#When I predict just based on condition it appears that the generic threat was

#close to significant and the right-wing trending that way

PNS\_rep\_model <- summary(lm(Z\_PNS\_repub ~ 1 + MT\_R + MT\_G + Z\_Inde\_repub + Z\_Inter\_repub +

Z\_PO\_repub, data=rep\_un))

PNS\_rep\_model$adj.r.squared

summary(lm(Z\_GCBS\_dem ~ 1 + MT\_D + MT\_G, data=dem\_un))

summary(lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G +

Z\_RSE\_repub + Z\_Inde\_repub + Z\_AGE\_repub +

Gender\_Code + Z\_PO\_repub + Z\_Inter\_repub, data=rep\_un))

summary(lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G, data=rep\_un))

summary(rlm(Z\_GCBS\_dem ~ 1 + MT\_D + MT\_G, data=dem\_un))

Original.Mean.GCBS\_proc\_rep <- mean(GCBS\_repub\_proc)

Original.Mean.PNS.rep <- mean(PNS\_repub\_proc)

Original.Mean.Inde.rep <- mean(Independent\_repub\_proc)

Original.Mean.Inter.rep <- mean(Interdependent\_repub\_proc)

Original.Mean.RSE.rep <- mean(RSE\_repub\_proc)

Original.Mean.PO.rep <- mean(PO\_repub\_proc)

Original.Mean.Age.rep <- mean(age\_repub\_proc)

education\_repub <- rep\_un$education

persecuted\_repub <- rep\_un$persecuted

Original.Mean.EDUC.rep <- rep\_un$education - mean(rep\_un$education)

Original.Mean.PERS.rep <- rep\_un$persecuted - mean(rep\_un$persecuted)

rep\_un$PNS\_repub\_proc <- PNS\_repub\_proc

rep\_un$Independent\_repub\_proc <- Independent\_repub\_proc

rep\_un$Interdependent\_repub\_proc <- Interdependent\_repub\_proc

rep\_un$RSE\_repub\_proc <- RSE\_repub\_proc

rep\_un$PO\_repub\_proc <- PO\_repub\_proc

rep\_un$education\_repub <- education\_repub

rep\_un$persecuted\_repub <- persecuted\_repub

rep\_un <- rep\_un %>%

filter(Attn\_1 == 1, Attn\_2 == 4)

library(psych)

library(boot)

library(parallel)

#TEST

#Model for PNS

summary(lm(Z\_PNS\_repub ~ MT\_R + MT\_G + Z\_PO\_repub +

Z\_Inde\_repub + Z\_Inter\_repub, data = rep\_un))

#Model for GCBS

summary(lm(Z\_GCBS\_repub ~ MT\_R + MT\_G + Z\_RSE\_repub +

Z\_Inde\_repub + education + persecuted, data = rep\_un))

rep\_un\_boot <- cbind(GCBS\_repub\_proc, PNS\_repub\_proc, Independent\_repub\_proc, Interdependent\_repub\_proc,

RSE\_repub\_proc, PO\_repub\_proc, age\_repub\_proc, education\_repub,

persecuted\_repub) %>%

sapply(as.data.frame) %>%

unlist()

#TEST BOOT

Boot.Repub.test <- function(data, indices) {

bootdata <- data[indices,]

PNS\_Model\_repub\_1 <- lm(PNS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

sigma.PNS.repub <- summary(PNS\_Model\_repub\_1)$sigma

bootdata$Z\_PNS\_repub <- (bootdata$PNS\_repub\_proc - mean(bootdata$PNS\_repub\_proc))/sigma.PNS.repub

Model\_boot\_test <- lm(Z\_PNS\_repub ~ 1 + MT\_R + MT\_G, data = bootdata)

Model\_boot\_test\_c <- coef(Model\_boot\_test)

MT\_R <- Model\_boot\_test\_c[2]

MT\_G <- Model\_boot\_test\_c[3]

c(MT\_R, MT\_G)

}

Boot.Repub.test.2 <- function(data, indices) {

bootdata <- data[indices,]

GCBS\_Model\_repub\_1 <- lm(GCBS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

sigma.GCBS.repub <- summary(GCBS\_Model\_repub\_1)$sigma

bootdata$Z\_GCBS\_repub <- (bootdata$GCBS\_repub\_proc - mean(bootdata$GCBS\_repub\_proc))/sigma.GCBS.repub

Model <- lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G, data = bootdata)

Model\_C <- coef(Model)

MT\_R <- Model\_C[2]

MT\_G <- Model\_C[3]

c(MT\_R, MT\_G)

}

Boot\_TESTl <- boot(data= rep\_un, statistic=Boot.Repub.test.2, R=999,

parallel="multicore", ncpus=detectCores()-1)

boot.ci(Boot\_TESTl, index=1, conf=(0.95), type="bca")

#REPUB PNS BOOT

Boot.Repub <- function(data, indices) {

bootdata <- data[indices,]

GCBS\_Model\_repub\_1 <- lm(GCBS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

PNS\_Model\_repub\_1 <- lm(PNS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

Inde\_Model\_repub\_1 <- lm(Independent\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

Inter\_Model\_repub\_1 <- lm(Interdependent\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

RSE\_Model\_repub\_1 <- lm(RSE\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

PO\_Model\_repub\_1 <- lm(PO\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

EDUC\_Model\_repub\_1 <- lm(education\_repub ~ 1 + MT\_R + MT\_G, data = bootdata)

PERS\_Model\_repub\_1 <- lm(persecuted\_repub ~ 1 + MT\_R + MT\_G, data = bootdata)

#gathering sigmas

sigma.GCBS.repub <- summary(GCBS\_Model\_repub\_1)$sigma

sigma.PNS.repub <- summary(PNS\_Model\_repub\_1)$sigma

sigma.Inde.repub <- summary(Inde\_Model\_repub\_1)$sigma

sigma.Inter.repub <- summary(Inter\_Model\_repub\_1)$sigma

sigma.RSE.repub <- summary(RSE\_Model\_repub\_1)$sigma

sigma.PO.repub <- summary(PO\_Model\_repub\_1)$sigma

sigma.EDUC.repub <- summary(EDUC\_Model\_repub\_1)$sigma

sigma.PERS.repub <- summary(PERS\_Model\_repub\_1)$sigma

#Standardizing

bootdata$Z\_GCBS\_repub <- (bootdata$GCBS\_repub\_proc - mean(bootdata$GCBS\_repub\_proc))/sigma.GCBS.repub

bootdata$Z\_PNS\_repub <- (bootdata$PNS\_repub\_proc - mean(bootdata$PNS\_repub\_proc))/sigma.PNS.repub

bootdata$Z\_Inde\_repub <- (bootdata$Independent\_repub\_proc - Original.Mean.Inde.rep)/sigma.Inde.repub

bootdata$Z\_Inter\_repub <- (bootdata$Interdependent\_repub\_proc - Original.Mean.Inter.rep)/sigma.Inter.repub

bootdata$Z\_RSE\_repub <- (bootdata$RSE\_repub\_proc - Original.Mean.RSE.rep)/sigma.RSE.repub

bootdata$Z\_PO\_repub <- (bootdata$PO\_repub\_proc - Original.Mean.PO.rep)/sigma.PO.repub

bootdata$Z\_EDUC\_repub <- (bootdata$education\_repub - Original.Mean.EDUC.rep)/sigma.EDUC.repub

bootdata$Z\_PERS\_repub <- (bootdata$persecuted\_repub - Original.Mean.PERS.rep)/sigma.PERS.repub

Model\_PNS\_boot\_rep <- lm(Z\_PNS\_repub ~ 1 + MT\_R + MT\_G + Z\_Inter\_repub +

Z\_Inde\_repub + Z\_PO\_repub, data = bootdata)

Model\_PNS\_boot\_rep\_coef <- coef(Model\_PNS\_boot\_rep)

MT\_R <- Model\_PNS\_boot\_rep\_coef[2]

MT\_G <- Model\_PNS\_boot\_rep\_coef[3]

B\_Inter <- Model\_PNS\_boot\_rep\_coef[4]

B\_Inde <- Model\_PNS\_boot\_rep\_coef[5]

B\_PO <- Model\_PNS\_boot\_rep\_coef[6]

R2 <- summary(Model\_PNS\_boot\_rep)$adj.r.squared

c(MT\_R, MT\_G, R2, B\_Inter, B\_Inde, B\_PO)

}

Boot\_Model <- boot(data= rep\_un, statistic=Boot.Repub, R=999,

parallel="multicore", ncpus=detectCores()-1)

boot.ci(Boot\_Model, index=1, conf=(0.95), type="bca")

boot.ci(Boot\_Model, index=2, conf=(0.95), type="bca")

boot.ci(Boot\_Model, index=3, conf=(0.95), type="bca")

boot.ci(Boot\_Model, index=4, conf=(0.95), type="bca")

boot.ci(Boot\_Model, index=5, conf=(0.95), type="bca")

boot.ci(Boot\_Model, index=6, conf=(0.95), type="bca")

summary(lm(Z\_PNS\_repub ~ 1 + MT\_R + MT\_G + Z\_Inter\_repub +

Z\_Inde\_repub + Z\_PO\_repub, data = rep\_un))

#

#

#

Original.Mean.EDUC.rep <- rep\_un$education\_repub - mean(rep\_un$education\_repub)

Original.Mean.PERS.rep <- rep\_un$persecuted\_repub - mean(rep\_un$persecuted\_repub)

#REPUB GCBS BOOT

Boot.Repub.2 <- function(data, indices) {

bootdata <- data[indices,]

GCBS\_Model\_repub\_1 <- lm(GCBS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

PNS\_Model\_repub\_1 <- lm(PNS\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

Inde\_Model\_repub\_1 <- lm(Independent\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

Inter\_Model\_repub\_1 <- lm(Interdependent\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

RSE\_Model\_repub\_1 <- lm(RSE\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

PO\_Model\_repub\_1 <- lm(PO\_repub\_proc ~ 1 + MT\_R + MT\_G, data = bootdata)

EDUC\_Model\_repub\_1 <- lm(education\_repub ~ 1 + MT\_R + MT\_G, data = bootdata)

PERS\_Model\_repub\_1 <- lm(persecuted\_repub ~ 1 + MT\_R + MT\_G, data = bootdata)

#gathering sigmas

sigma.GCBS.repub <- summary(GCBS\_Model\_repub\_1)$sigma

sigma.PNS.repub <- summary(PNS\_Model\_repub\_1)$sigma

sigma.Inde.repub <- summary(Inde\_Model\_repub\_1)$sigma

sigma.Inter.repub <- summary(Inter\_Model\_repub\_1)$sigma

sigma.RSE.repub <- summary(RSE\_Model\_repub\_1)$sigma

sigma.PO.repub <- summary(PO\_Model\_repub\_1)$sigma

sigma.EDUC.repub <- summary(EDUC\_Model\_repub\_1)$sigma

sigma.PERS.repub <- summary(PERS\_Model\_repub\_1)$sigma

#Standardizing

bootdata$Z\_GCBS\_repub <- (bootdata$GCBS\_repub\_proc - mean(bootdata$GCBS\_repub\_proc))/sigma.GCBS.repub

bootdata$Z\_PNS\_repub <- (bootdata$PNS\_repub\_proc - mean(bootdata$PNS\_repub\_proc))/sigma.PNS.repub

bootdata$Z\_Inde\_repub <- (bootdata$Independent\_repub\_proc - Original.Mean.Inde.rep)/sigma.Inde.repub

bootdata$Z\_Inter\_repub <- (bootdata$Interdependent\_repub\_proc - Original.Mean.Inter.rep)/sigma.Inter.repub

bootdata$Z\_RSE\_repub <- (bootdata$RSE\_repub\_proc - Original.Mean.RSE.rep)/sigma.RSE.repub

bootdata$Z\_PO\_repub <- (bootdata$PO\_repub\_proc - Original.Mean.PO.rep)/sigma.PO.repub

bootdata$Z\_EDUC\_repub <- (bootdata$education\_repub - mean(rep\_un$education\_repub))/sigma.EDUC.repub

bootdata$Z\_PERS\_repub <- (bootdata$persecuted\_repub - mean(rep\_un$persecuted\_repub))/sigma.PERS.repub

Model\_GCBS\_boot\_rep <- lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G + Z\_RSE\_repub + Z\_EDUC\_repub +

Z\_PERS\_repub + Z\_Inde\_repub, data = bootdata)

Model\_GCBS\_boot\_rep\_coef <- coef(Model\_GCBS\_boot\_rep)

MT\_R <- Model\_GCBS\_boot\_rep\_coef[2]

MT\_G <- Model\_GCBS\_boot\_rep\_coef[3]

B\_RSE <- Model\_GCBS\_boot\_rep\_coef[4]

B\_EDUC <- Model\_GCBS\_boot\_rep\_coef[5]

B\_PERS <- Model\_GCBS\_boot\_rep\_coef[6]

B\_Inde <- Model\_GCBS\_boot\_rep\_coef[7]

R2 <- summary(Model\_GCBS\_boot\_rep)$adj.r.squared

c(MT\_R, MT\_G, B\_RSE, B\_EDUC, B\_PERS, B\_Inde, R2)

}

class(rep\_un$education\_repub)

EDUC\_Model\_repub\_1 <- lm(education\_repub ~ 1 + MT\_R + MT\_G, data = rep\_un)

PERS\_Model\_repub\_1 <- lm(persecuted\_repub ~ 1 + MT\_R + MT\_G, data = rep\_un)

sigma.EDUC.repub <- summary(EDUC\_Model\_repub\_1)$sigma

sigma.PERS.repub <- summary(PERS\_Model\_repub\_1)$sigma

rep\_un$Z\_EDUC\_repub <- (rep\_un$education\_repub - mean(rep\_un$education\_repub))/sigma.EDUC.repub

rep\_un$Z\_PERS\_repub <- (rep\_un$persecuted\_repub -mean(rep\_un$persecuted\_repub))/sigma.PERS.repub

class(rep\_un$Z\_EDUC\_repub)

View(rep\_un$Z\_EDUC\_repub)

summary(lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G + Z\_RSE\_repub + Z\_EDUC\_repub +

Z\_PERS\_repub + Z\_Inde\_repub, rep\_un))

Boot\_Model\_R2 <- boot(data= rep\_un, statistic=Boot.Repub.2, R=999,

parallel="multicore", ncpus=detectCores()-1)

boot.ci(Boot\_Model\_R2, index=1, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_R2, index=2, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_R2, index=3, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_R2, index=4, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_R2, index=5, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_R2, index=6, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_R2, index=7, conf=(0.95), type="bca")

summary(lm(Z\_PNS\_repub ~ 1 + MT\_R + MT\_G + Z\_Inter\_repub +

Z\_Inde\_repub + Z\_PO\_repub, data = rep\_un))

summary(lm(Z\_GCBS\_repub ~ 1 + MT\_R + MT\_G +Z\_RSE\_repub + Z\_ed))

dem\_un$GCBS\_dem\_proc <- GCBS\_dem\_proc

dem\_un$PNS\_dem\_proc <- PNS\_dem\_proc

dem\_un$Independent\_dem\_proc <- Independent\_dem\_proc

dem\_un$Interdependent\_dem\_proc <- Interdependent\_dem\_proc

dem\_un$RSE\_dem\_proc <- RSE\_dem\_proc

dem\_un$PO\_dem\_proc <- PO\_dem\_proc

#DEM PNS BOOT

Boot.DEM.1 <- function(data, indices) {

bootdata <- data[indices,]

GCBS\_Model\_dem\_1 <- lm(GCBS\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

PNS\_Model\_dem\_1 <- lm(PNS\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

Inde\_Model\_dem\_1 <- lm(Independent\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

Inter\_Model\_dem\_1 <- lm(Interdependent\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

RSE\_Model\_dem\_1 <- lm(RSE\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

PO\_Model\_dem\_1 <- lm(PO\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

#gathering sigmas

sigma.GCBS.dem <- summary(GCBS\_Model\_dem\_1)$sigma

sigma.PNS.dem <- summary(PNS\_Model\_dem\_1)$sigma

sigma.Inde.dem <- summary(Inde\_Model\_dem\_1)$sigma

sigma.Inter.dem <- summary(Inter\_Model\_dem\_1)$sigma

sigma.RSE.dem <- summary(RSE\_Model\_dem\_1)$sigma

sigma.PO.dem <- summary(PO\_Model\_dem\_1)$sigma

#Standardizing

bootdata$Z\_GCBS\_dem <- (bootdata$GCBS\_dem\_proc - mean(bootdata$GCBS\_dem\_proc))/sigma.GCBS.dem

bootdata$Z\_PNS\_dem <- (bootdata$PNS\_dem\_proc - mean(bootdata$PNS\_dem\_proc))/sigma.PNS.dem

bootdata$Z\_Inde\_dem <- (bootdata$Independent\_dem\_proc - mean(dem\_un$Independent\_dem\_proc))/sigma.Inde.dem

bootdata$Z\_Inter\_dem <- (bootdata$Interdependent\_dem\_proc - mean(dem\_un$Interdependent\_dem\_proc))/sigma.Inter.dem

bootdata$Z\_RSE\_dem <- (bootdata$RSE\_dem\_proc - mean(dem\_un$RSE\_dem\_proc))/sigma.RSE.dem

bootdata$Z\_PO\_dem <- (bootdata$PO\_dem\_proc - mean(dem\_un$PO\_dem\_proc))/sigma.PO.dem

Model\_Dem\_PNS\_boot <- lm(Z\_PNS\_dem ~ 1 + MT\_D + MT\_G + Z\_Inter\_dem, data = bootdata)

Model\_Dem\_PNS\_boot\_coef <- coef(Model\_Dem\_PNS\_boot)

MT\_D <- Model\_Dem\_PNS\_boot\_coef[2]

MT\_G <- Model\_Dem\_PNS\_boot\_coef[3]

B\_INTER <- Model\_Dem\_PNS\_boot\_coef[4]

R2 <- summary(Model\_Dem\_PNS\_boot)$adj.r.squared

c(MT\_D, MT\_G, B\_INTER, R2)

}

Boot\_Model\_Dem1 <- boot(data=dem\_un, statistic=Boot.DEM.1, R=999,

parallel="multicore", ncpus=detectCores()-1)

boot.ci(Boot\_Model\_Dem1, index=1, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_Dem1, index=2, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_Dem1, index=3, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_Dem1, index=4, conf=(0.95), type="bca")

summary(lm(Z\_PNS\_dem ~ 1 + MT\_D + MT\_G + Z\_Inter\_dem, data=dem\_un))

dem\_un$Interdependent\_dem\_proc <- Interdependent\_dem\_proc

dem\_un$PNS\_dem\_proc <- PNS\_dem\_proc

dem\_un$Independent\_dem\_proc <- Independent\_dem\_proc

dem\_un$RSE\_dem\_proc <- RSE\_dem\_proc

dem\_un$PO\_dem\_proc <- PO\_dem\_proc

dem\_un$GCBS\_dem\_proc <- GCBS\_dem\_proc

dem\_un$Z\_GCBS\_dem <- Z\_GCBS\_dem

sigma.GCBS.dem <- summary(GCBS\_Model\_dem\_1)$sigma

#DEM GCBS BOOT

Boot.DEM.2 <- function(data, indices) {

bootdata <- data[indices,]

GCBS\_Model\_dem\_1 <- lm(GCBS\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

PNS\_Model\_dem\_1 <- lm(PNS\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

Inde\_Model\_dem\_1 <- lm(Independent\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

Inter\_Model\_dem\_1 <- lm(Interdependent\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

RSE\_Model\_dem\_1 <- lm(RSE\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

PO\_Model\_dem\_1 <- lm(PO\_dem\_proc ~ 1 + MT\_D + MT\_G, data = bootdata)

PERS\_dem\_1 <- lm(persecuted ~ 1 + MT\_D + MT\_G, data = bootdata)

#gathering sigmas

sigma.GCBS.dem <- summary(GCBS\_Model\_dem\_1)$sigma

sigma.PNS.dem <- summary(PNS\_Model\_dem\_1)$sigma

sigma.Inde.dem <- summary(Inde\_Model\_dem\_1)$sigma

sigma.Inter.dem <- summary(Inter\_Model\_dem\_1)$sigma

sigma.RSE.dem <- summary(RSE\_Model\_dem\_1)$sigma

sigma.PO.dem <- summary(PO\_Model\_dem\_1)$sigma

sigma.PERS.dem <- summary(PERS\_dem\_1)$sigma

#Standardizing

bootdata$Z\_GCBS\_dem <- (bootdata$GCBS\_dem\_proc - mean(bootdata$GCBS\_dem\_proc))/sigma.GCBS.dem

bootdata$Z\_PNS\_dem <- (bootdata$PNS\_dem\_proc - mean(bootdata$PNS\_dem\_proc))/sigma.PNS.dem

bootdata$Z\_Inde\_dem <- (bootdata$Independent\_dem\_proc - mean(dem\_un$Independent\_dem\_proc))/sigma.Inde.dem

bootdata$Z\_Inter\_dem <- (bootdata$Interdependent\_dem\_proc - mean(dem\_un$Interdependent\_dem\_proc))/sigma.Inter.dem

bootdata$Z\_RSE\_dem <- (bootdata$RSE\_dem\_proc - mean(dem\_un$RSE\_dem\_proc))/sigma.RSE.dem

bootdata$Z\_PO\_dem <- (bootdata$PO\_dem\_proc - mean(dem\_un$PO\_dem\_proc))/sigma.PO.dem

bootdata$Z\_PERS\_dem <- (bootdata$persecuted - mean(dem\_un$persecuted))/sigma.PERS.dem

Model\_Dem\_PNS\_boot <- lm(Z\_GCBS\_dem ~ 1 + MT\_D + MT\_G + Z\_PERS\_dem +

Z\_PO\_dem + Ethnicity, data = bootdata)

Model\_Dem\_PNS\_boot\_coef <- coef(Model\_Dem\_PNS\_boot)

MT\_D <- Model\_Dem\_PNS\_boot\_coef[2]

MT\_G <- Model\_Dem\_PNS\_boot\_coef[3]

B\_PERS <- Model\_Dem\_PNS\_boot\_coef[4]

B\_PO <- Model\_Dem\_PNS\_boot\_coef[5]

R2 <- summary(Model\_Dem\_PNS\_boot)$adj.r.squared

ETH <- Model\_Dem\_PNS\_boot\_coef[6]

c(MT\_D, MT\_G, B\_PERS, B\_PO, R2, ETH)

}

Boot\_Model\_Dem2 <- boot(data=dem\_un, statistic=Boot.DEM.2, R=999,

parallel="multicore", ncpus=detectCores()-1)

Boot\_Model\_Dem2

boot.ci(Boot\_Model\_Dem2, index=1, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_Dem2, index=2, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_Dem2, index=3, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_Dem2, index=4, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_Dem2, index=5, conf=(0.95), type="bca")

boot.ci(Boot\_Model\_Dem2, index=6, conf=(0.95), type="bca")

#standardize persecution

#standardize political alienation

class(dem\_un$persecuted)

dem\_model\_persecution <- lm(dem\_un$persecuted ~ 1 + MT\_D + MT\_G, data = dem\_un)

dem\_model\_political\_alienation <- lm(political\_anomia ~ 1 + MT\_D + MT\_G, data = dem\_un)

sigma.pers.dem <- dem\_model\_persecution$sigma

sigma.pol.ali.dem <- dem\_model\_political\_alienation$sigma

dem\_un$Z\_persecution\_dem <- (dem\_un$persecuted - mean(dem\_un$persecuted))/sigma.pers.dem

dem\_un$Z\_political\_alienation\_dem <- (dem\_un$political\_anomia - mean(dem\_un$political\_anomia))/sigma.pol.ali.dem

#DCBS DEM MODEL

summary(lm(Z\_GCBS\_dem ~ 1 + MT\_D + MT\_G + Z\_PERS\_dem + Z\_PO\_dem + Ethnicity, data=dem\_un))

summary(lm(GCBS\_dem\_proc ~ 1 + MT\_D + MT\_G + persecuted + PO\_dem\_proc + Ethnicity, data = dem\_un))

summary(lm(Z\_GCBS\_dem ~ 1 + MT\_D + MT\_G + Z\_PERS\_dem + Z\_PO\_dem + Ethnicity, data=dem\_un))

ggplot(rep\_un, aes(x=Condition, y=mean(PNS\_repub\_proc))+

geom\_col()

View(PNS\_repub\_proc)

Model\_rep\_bar\_PNS <- lm(Z\_PNS\_repub ~ 1 + MT\_R + MT\_G + Z\_PO\_repub + Z\_Inde\_repub +

Z\_Inter\_repub, data = rep\_un)

ggplot(Model\_rep\_bar\_PNS, aes(x=c(coef(Model\_rep\_bar\_PNS\_coef[2], coef(Model\_rep\_bar\_PNS\_coef[3]), y = Z\_PNS\_repub)+

geom\_col()

Model\_rep\_bar\_PNS\_coef <- coef(Model\_rep\_bar\_PNS)

Model\_rep\_bar\_PNS\_coef[2]

summary(Model\_rep\_bar\_PNS)

?barplot

height\_PNS\_rep <- c(4.46, 4.62, 4.33)

names(height\_PNS\_rep) <- c("Confederate vandalism","Rabbit video","Television salience")

BAR\_test\_rep\_PNS <- barplot(height\_PNS\_rep, ylim = c(0,5), xlab="Condition", ylab="Personal Need for Structure",

main="testingggg")

BAR\_test\_rep\_PNS

segments(height\_PNS\_rep,height\_PNS\_rep-SE\_BAR\_PNS\_REP,

height\_PNS\_rep,height\_PNS\_rep+SE\_BAR\_PNS\_REP, lwd=1.5)

arrows(barCenters, barCenters+1, barCenters, barCenters-1, lwd=1.5,

angle = 90, code = 3, length = 0.05)

SE\_BAR\_PNS\_REP <- c(0.13,0.13,0.13)

#PNS REP BAR

#segments(barCentersR1, PNS\_REP\_MEANS - SE\_PNS\_REP\*2, barCentersR1,

#PNS\_REP\_MEANS + SE\_PNS\_REP\*2, lwd=2)

?barplot

PNS\_REP\_MEANS <- c(4.46, 4.62, 4.33)

NAMES\_PNS\_REP <- c("Confederate vandalism","Rabbit video","Television salience")

SE\_PNS\_REP <- c(0.13,0.13,0.13)

plotTop <- max(PNS\_REP\_MEANS + SE\_PNS\_REP\*2)

barCentersR1 <- barplot(PNS\_REP\_MEANS, names.arg=NAMES\_PNS\_REP, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 5.75), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Personal Need for Structure",

main = "Republican Personal Need for Structure", cex.main=1.5)

arrows(barCentersR1, PNS\_REP\_MEANS - SE\_PNS\_REP\*2, barCentersR1,

PNS\_REP\_MEANS + SE\_PNS\_REP\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

segments(x0=0.7, x1=3.1, y0=5.5, y1=5.5, col="black", lwd=1)

segments(x0=0.7, x1=0.7, y0=5.5, y1=5.25, col="black", lwd=1)

segments(x0=3.1, x1=3.1, y0=5.5, y1=5.25, col="black", lwd=1)

segments(x0=1.9, x1=1.9, y0=5.5, y1=5.25, col="black", lwd=1)

text(x=1.9, y=5.65, labels="ns", col="black", font=3)

#How to change the font for x and y labs

dem\_un %>%

count(Finished)

GCBS\_REP\_MEANS <- c(2.95,2.82,2.94)

NAMES\_GCBS\_REP <- c("Confederate vandalism","Rabbit video","Television salience")

SE\_GCBS\_REP <- c(0.13,0.13,0.13)

barCentersR2 <- barplot(GCBS\_REP\_MEANS, names.arg=NAMES\_GCBS\_REP, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 4), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Generic Conspiracy Beliefs",

main = "Republican Generic Conspiracy Beliefs",cex.main=1.5)

arrows(barCentersR2, GCBS\_REP\_MEANS - SE\_GCBS\_REP\*2, barCentersR2,

GCBS\_REP\_MEANS + SE\_GCBS\_REP\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

segments(x0=0.7, x1=3.1, y0=3.7, y1=3.7, col="black", lwd=1)

segments(x0=0.7, x1=0.7, y0=3.7, y1=3.45, col="black", lwd=1)

segments(x0=3.1, x1=3.1, y0=3.7, y1=3.45, col="black", lwd=1)

segments(x0=1.9, x1=1.9, y0=3.7, y1=3.45, col="black", lwd=1)

text(x=1.9, y=3.8, labels="ns", col="black", font=3)

#DEM PNS BAR GRAPH

PNS\_DEM\_MEANS <- c(4.31,4.34,4.39)

NAMES\_PNS\_DEM <- c("BLM vandalism","Rabbit video","Television salience")

SE\_PNS\_DEM <- c(.12,.12,.12)

barCentersD1 <- barplot(PNS\_DEM\_MEANS, names.arg=NAMES\_PNS\_DEM, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 5.75), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Personal Need for Structure",

main = "Democrat Personal Need for Structure",cex.main=1.5)

arrows(barCentersD1, PNS\_DEM\_MEANS - SE\_PNS\_DEM\*2, barCentersD1,

PNS\_DEM\_MEANS + SE\_PNS\_DEM\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

segments(x0=0.7, x1=3.1, y0=5.5, y1=5.5, col="black", lwd=1)

segments(x0=0.7, x1=0.7, y0=5.5, y1=5.25, col="black", lwd=1)

segments(x0=3.1, x1=3.1, y0=5.5, y1=5.25, col="black", lwd=1)

segments(x0=1.9, x1=1.9, y0=5.5, y1=5.25, col="black", lwd=1)

text(x=1.9, y=5.65, labels="ns", col="black", font=3)

#DEM GCBS BAR GRAPH

GCBS\_DEM\_MEANS <- c(4.12,4.00,4.06)

NAMES\_GCBS\_DEM <- c("BLM vandalism","Rabbit video","Television salience")

SE\_GCBS\_DEM <- c(.41,.41,.41)

barCentersD2 <- barplot(GCBS\_DEM\_MEANS, names.arg=NAMES\_GCBS\_DEM, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 6), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Generic Conspiracy Beliefs",

main = "Democrat Generic Conspiracy Beliefs",cex.main=1.5)

arrows(barCentersD2, GCBS\_DEM\_MEANS - SE\_GCBS\_DEM\*2, barCentersD2,

GCBS\_DEM\_MEANS + SE\_GCBS\_DEM\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

segments(x0=0.7, x1=3.1, y0=5.75, y1=5.75, col="black", lwd=1)

segments(x0=0.7, x1=0.7, y0=5.75, y1=5.5, col="black", lwd=1)

segments(x0=3.1, x1=3.1, y0=5.75, y1=5.5, col="black", lwd=1)

segments(x0=1.9, x1=1.9, y0=5.75, y1=5.5, col="black", lwd=1)

text(x=1.9, y=5.9, labels="ns", col="black", font=3)

q()

#BACKUP GRAPHS

#PNS REP BAR

#segments(barCentersR1, PNS\_REP\_MEANS - SE\_PNS\_REP\*2, barCentersR1,

#PNS\_REP\_MEANS + SE\_PNS\_REP\*2, lwd=2)

?barplot

PNS\_REP\_MEANS <- c(4.46, 4.62, 4.33)

NAMES\_PNS\_REP <- c("Confederate vandalism","Rabbit video","Television salience")

SE\_PNS\_REP <- c(0.13,0.13,0.13)

plotTop <- max(PNS\_REP\_MEANS + SE\_PNS\_REP\*2)

barCentersR1 <- barplot(PNS\_REP\_MEANS, names.arg=NAMES\_PNS\_REP, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 5), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Personal Need for Structure",

main = "Republican Personal Need for Structure", cex.main=1.5)

arrows(barCentersR1, PNS\_REP\_MEANS - SE\_PNS\_REP\*2, barCentersR1,

PNS\_REP\_MEANS + SE\_PNS\_REP\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

#How to change the font for x and y labs

dem\_un %>%

count(Finished)

GCBS\_REP\_MEANS <- c(2.95,2.82,2.94)

NAMES\_GCBS\_REP <- c("Confederate vandalism","Rabbit video","Television salience")

SE\_GCBS\_REP <- c(0.13,0.13,0.13)

barCentersR2 <- barplot(GCBS\_REP\_MEANS, names.arg=NAMES\_GCBS\_REP, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 3.5), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Generic Conspiracy Beliefs",

main = "Republican Generic Conspiracy Beliefs",cex.main=1.5)

arrows(barCentersR2, GCBS\_REP\_MEANS - SE\_GCBS\_REP\*2, barCentersR2,

GCBS\_REP\_MEANS + SE\_GCBS\_REP\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

#DEM PNS BAR GRAPH

PNS\_DEM\_MEANS <- c(4.31,4.34,4.39)

NAMES\_PNS\_DEM <- c("BLM vandalism","Rabbit video","Television salience")

SE\_PNS\_DEM <- c(.12,.12,.12)

barCentersD1 <- barplot(PNS\_DEM\_MEANS, names.arg=NAMES\_PNS\_DEM, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 5), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Personal Need for Structure",

main = "Democrat Personal Need for Structure",cex.main=1.5)

arrows(barCentersD1, PNS\_DEM\_MEANS - SE\_PNS\_DEM\*2, barCentersD1,

PNS\_DEM\_MEANS + SE\_PNS\_DEM\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

#DEM GCBS BAR GRAPH

GCBS\_DEM\_MEANS <- c(4.12,4.00,4.06)

NAMES\_GCBS\_DEM <- c("BLM vandalism","Rabbit video","Television salience")

SE\_GCBS\_DEM <- c(.41,.41,.41)

barCentersD2 <- barplot(GCBS\_DEM\_MEANS, names.arg=NAMES\_GCBS\_DEM, col=c("#00062F","#DADAE2","#3FA7E1"),

las=1,

density = c(100,100,100), angle=c(45,90,11),

ylim=c(0, 5), xlab="Condition", font.axis = 3,

font.lab=2, ylab="Generic Conspiracy Beliefs",

main = "Democrat Generic Conspiracy Beliefs",cex.main=1.5)

arrows(barCentersD2, GCBS\_DEM\_MEANS - SE\_GCBS\_DEM\*2, barCentersD2,

GCBS\_DEM\_MEANS + SE\_GCBS\_DEM\*2, lwd=1.5, angle=90, code = 3, length = 0.025)

**ANOTHER CONSPIRACY…**

cons\_rep\_un <- read.csv("/Users/devprem/Downloads/conspiracy\_republican.csv")

cons\_dem\_un <- read.csv("/Users/devprem/Downloads/conspiracy\_dem.csv")

View(cons\_rep\_un)

library(tidyverse)

RSE\_repub\_un <- cons\_rep\_un[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4,

Rep\_Manip\_1 =="1",

Rep\_Manip\_1 == "2") %>%

select(RSE\_01.:RSE\_10\_R.) %>%

sapply(as.numeric) %>%

as.data.frame(RSE\_repub\_un) %>%

mutate(RSE\_03\_R. = 5 - RSE\_03\_R.,

RSE\_05\_R. = 5 - RSE\_05\_R.,

RSE\_08\_R. = 5 - RSE\_08\_R.,

RSE\_09\_R. = 5 - RSE\_09\_R.,

RSE\_10\_R. = 5 - RSE\_10\_R.)

View(RSE\_repub\_un)

RSE\_repub\_proc <- rowSums(RSE\_repub\_un)

View(RSE\_repub\_proc)

GCBS\_repub\_un <- cons\_rep\_un[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4,

Rep\_Manip\_1 == 1,

Rep\_Manip\_1 == 2) %>%

select(GCBS.Item.1.:GCBS.Item.15.) %>%

sapply(as.numeric) %>%

as.data.frame(GCBS\_repub\_un)

str(GCBS\_repub\_un)

GCBS\_repub\_proc <- rowMeans(GCBS\_repub\_un)

#Personal Need for Structure Processing

View(cons\_rep\_un[-c(1:2),-c(1:18)])

PNS\_repub\_un <- cons\_rep\_un[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4,

Rep\_Manip\_1 == "1,

Rep\_Manip\_1 == "2") %>%

select(PNS.1.:PNS.11.) %>%

sapply(as.numeric) %>%

as.data.frame(RSE\_repub\_un) %>%

mutate(PNS.2\_R. = 7 - PNS.2\_R.,

PNS.5\_R. = 7 - PNS.5\_R.,

PNS.10.\_R = 7 - PNS.10.\_R)

View(PNS\_repub\_un)

#Reverse score items: 2, 5, 10

PNS\_repub\_proc <- rowMeans(PNS\_repub\_un)

View(PNS\_repub\_proc)

#Independent - Interdependent Processing

Independent\_repub\_un <- cons\_rep\_un[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4) %>%

select(Indep\_13:Indep\_24.) %>%

sapply(as.numeric)

View(Independent\_repub\_un)

Independent\_repub\_proc <- rowMeans(Independent\_repub\_un)

View(Independent\_repub\_proc)

#NOTE: get rid of RSE\_sapply as data frame

Interdependent\_repub\_un <- cons\_rep\_un[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4) %>%

select(Inter\_1:Inter\_12.) %>%

sapply(as.numeric)

Interdependent\_repub\_proc <- rowMeans(Interdependent\_repub\_un)

View(Interdependent\_repub\_proc)

cons\_rep\_un[-c(1:2),] %>%

select(Political\_Orient) %>%

sapply(as.numeric) %>%

as.data.frame(cons\_rep\_un[-c(1:2),]) %>%

tally(Political\_Orient)

#FIGURE OUT how to sum the n

Political\_Orient\_proc <- cons\_rep\_un[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4) %>%

select(Political\_Orient)

View(Political\_Orient\_proc\_2)

class(Political\_Orient\_proc)

#First 4 P conditions were: 3, 1, 3, 2

#Translation: 3 = Vandalism, 1 = Generic, 2 = Control

#Can run a summary LM on group coded conditions within Repun df

cons\_rep\_un\_test <- cons\_rep\_un[-c(1:2),]

test\_2 <-cbind(Condition\_repub, GCBS\_repub\_proc, Independent\_repub\_proc,

Interdependent\_repub\_proc, PNS\_repub\_proc, Political\_Orient\_proc,

RSE\_repub\_proc)

View(test\_2)

test\_2$MT\_R <- 0

test\_2$MT\_G <- 0

test\_2$Con <- 0

test\_2$Con[test\_2$Condition == 2] <- 0

test\_2$MT\_R[test\_2$Condition == 3] <- 1

test\_2$MT\_G[test\_2$Condition == 1] <- 2

View(cons\_rep\_un)

Rep\_Manip\_1 == 1,

Rep\_Manip\_1 == 2

test\_3 <- test\_2 %>%

filter()

summary(lm(GCBS\_repub\_proc ~ 1 + MT\_R + MT\_G + Political\_Orient, data = test\_2))

View(Political\_Orient\_proc)

class(Political\_Orient\_proc)

test\_2$Political\_Orient\_proc <- as.numeric(Political\_Orient\_proc)

#set control to ZERO

#Translation: 3 = Vandalism, 1 = Generic, 2 = Control

#REVERSE THESE WHEN REVIEWING

#Change political orient to political orient R...

library(tidyverse)

Condition\_repub <- cons\_rep\_un[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4) %>%

select(Condition) %>%

sapply(as.numeric)

View(cons\_rep\_un\_test)

#Process Dem Data Frame

#To-do List:

#RSE

#GCBS

#PNS

#Indep

#Interdep

#Political\_Orient

#What ATTN levels to filter?

#Attn\_1 = 1

#Attn\_2 = 4

#First is RSE

RSE\_dem\_un <- cons\_dem\_un[-c(1:2),-c(1:18)] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4) %>%

select(RSE\_01.:RSE\_10\_R.) %>%

sapply(as.numeric) %>%

as.data.frame(RSE\_repub\_un) %>%

mutate(RSE\_03\_R. = 5 - RSE\_03\_R.,

RSE\_05\_R. = 5 - RSE\_05\_R.,

RSE\_08\_R. = 5 - RSE\_08\_R.,

RSE\_09\_R. = 5 - RSE\_09\_R.,

RSE\_10\_R. = 5 - RSE\_10\_R.)

RSE\_dem\_proc <- rowSums(RSE\_dem\_un)

#Second is GCBS

GCBS\_dem\_un <- cons\_dem\_un[-c(1:2),] %>%

filter(Attn\_1 == 1,

Attn\_2 == 4) %>%

select(GCBS.Item.1.:GCBS.Item.15.) %>%

sapply(as.numeric) %>%

as.data.frame(GCBS\_dem\_un)

GCBS\_dem\_proc <- rowMeans(GCBS\_dem\_un)

**DESIRED EXPECTED POWER**

library(pwr)

pwr.t.test(d=.54, sig.level=.05, power=.8, type="two.sample")

library(fabs)

?desired\_ep\_d

desired\_ep\_d(d=.54, n1=50,n2=74)

q()

?rlm

library(psych)

?rlm

library(MASS)

?rlm

**DTA STUDY**

df1 <- read.csv("/Users/devprem/Downloads/dtarepdata1.csv")

library(tidyverse)

df1\_1 <- df1[,-c(1:17)] %>%

filter(attn01 == 5,

attn02 == 6)

#The filter was to remove folks who failed either attention check.

RSE\_Unprocessed <- df1\_1 %>%

select(rse01.:rse10.) %>%

rename(rse03\_rev = rse03.,

rse05\_rev = rse05.,

rse08\_rev = rse08,

rse09\_rev = rse09,

rse10\_rev = rse10.) %>%

sapply(as.numeric)

RSE\_Unprocessed\_2 <- as.data.frame(RSE\_Unprocessed)

RSE\_Unprocessed\_3 <- RSE\_Unprocessed\_2 %>%

mutate(rse03\_rev = 5 - rse03\_rev,

rse05\_rev = 5 - rse05\_rev,

rse08\_rev = 5 - rse08\_rev,

rse09\_rev = 5 - rse09\_rev,

rse10\_rev = 5 - rse10\_rev)

#Items for RSE now successfully reverse coded

#Detour: let's get rid of everyone who failed either attn check...

DF\_Attn <- df1\_1 %>%

select(attn01, attn02)

DF\_Attn\_2 <- DF\_Attn %>%

filter(attn01 == 5,

attn02 == 6)

#This works, now apply it to the beginning data frame boiii

View(RSE\_Unprocessed\_3)

RSE\_Processed <- rowSums(RSE\_Unprocessed\_3)

#Just sum the rows to score the scale...

View(RSE\_Processed)

#Time to process MAAS Scale (transform to 1 column representing mean of all rows)

MAAS\_Unprocessed <- df1\_1 %>%

select(maas01:maas15.) %>%

sapply(as.numeric)

MAAS\_Unprocessed\_2 <- as.data.frame(MAAS\_Unprocessed)

MAAS\_Processed <- rowMeans(MAAS\_Unprocessed\_2)

View(MAAS\_Processed)

View(df1\_1)

DTA\_Unprocessed <- df1\_1 %>%

select(dta01\_01, dta05\_02, dta12\_03, dta15\_04, dta19\_05, dta22\_06)

View(DTA\_Unprocessed)

#Item 1 DTA processing

DTA\_Unprocessed$dta01\_01[DTA\_Unprocessed$dta01\_01 == "buried"] <- as.numeric(1)

DTA\_Unprocessed$dta01\_01[DTA\_Unprocessed$dta01\_01 == "BURIED"] <- as.numeric(1)

DTA\_Unprocessed$dta01\_01[DTA\_Unprocessed$dta01\_01 == "Buried"] <- as.numeric(1)

DTA\_Unprocessed$dta01\_01[DTA\_Unprocessed$dta01\_01 == "bureed"] <- as.numeric(1)

DTA\_Unprocessed$dta01\_01[DTA\_Unprocessed$dta01\_01 == "burrie"] <- as.numeric(1)

DTA\_Unprocessed$dta01\_01[DTA\_Unprocessed$dta01\_01 != 1] <- as.numeric(0)

#Item 2 DTA processing

DTA\_Unprocessed$dta05\_02[DTA\_Unprocessed$dta05\_02 == "DEAD"] <- as.numeric(1)

DTA\_Unprocessed$dta05\_02[DTA\_Unprocessed$dta05\_02 == "dead"] <- as.numeric(1)

DTA\_Unprocessed$dta05\_02[DTA\_Unprocessed$dta05\_02 == "Dead"] <- as.numeric(1)

DTA\_Unprocessed$dta05\_02[DTA\_Unprocessed$dta05\_02 != 1] <- as.numeric(0)

#Item 3 DTA processing

DTA\_Unprocessed$dta12\_03[DTA\_Unprocessed$dta12\_03 == "Grave"] <- as.numeric(1)

DTA\_Unprocessed$dta12\_03[DTA\_Unprocessed$dta12\_03 == "grave"] <- as.numeric(1)

DTA\_Unprocessed$dta12\_03[DTA\_Unprocessed$dta12\_03 == "GRAVE"] <- as.numeric(1)

DTA\_Unprocessed$dta12\_03[DTA\_Unprocessed$dta12\_03 != 1] <- as.numeric(0)

#Item 4 DTA processing

DTA\_Unprocessed$dta15\_04[DTA\_Unprocessed$dta15\_04 == "KILLED"] <- as.numeric(1)

DTA\_Unprocessed$dta15\_04[DTA\_Unprocessed$dta15\_04 == "killed"] <- as.numeric(1)

DTA\_Unprocessed$dta15\_04[DTA\_Unprocessed$dta15\_04 == "Killed"] <- as.numeric(1)

DTA\_Unprocessed$dta15\_04[DTA\_Unprocessed$dta15\_04 != 1] <- as.numeric(0)

#Item 5 DTA processing

DTA\_Unprocessed$dta19\_05[DTA\_Unprocessed$dta19\_05 == "skull"] <- as.numeric(1)

DTA\_Unprocessed$dta19\_05[DTA\_Unprocessed$dta19\_05 == "Skull"] <- as.numeric(1)

DTA\_Unprocessed$dta19\_05[DTA\_Unprocessed$dta19\_05 == "SKULL"] <- as.numeric(1)

DTA\_Unprocessed$dta19\_05[DTA\_Unprocessed$dta19\_05 != 1] <- as.numeric(0)

#Item 6 DTA processing

DTA\_Unprocessed$dta22\_06[DTA\_Unprocessed$dta22\_06 == "Coffin"] <- as.numeric(1)

DTA\_Unprocessed$dta22\_06[DTA\_Unprocessed$dta22\_06 == "coffin"] <- as.numeric(1)

DTA\_Unprocessed$dta22\_06[DTA\_Unprocessed$dta22\_06 == "COFFIN"] <- as.numeric(1)

DTA\_Unprocessed$dta22\_06[DTA\_Unprocessed$dta22\_06 != 1] <- as.numeric(0)

DTA\_Unprocessed\_num <- DTA\_Unprocessed %>%

sapply(as.numeric)

DTA\_Processed <- rowSums(DTA\_Unprocessed\_num)

#Detour: let's see who guessed the hypothesis and then go back to filter...

demand\_df1 <- as.data.frame(df1\_1$dmd\_chk.) %>%

rowid\_to\_column(var = "Participant ID")

#Done :)

View(df1\_1)

#Put all the processed items and whatnot together into new data frame

df\_processed <- as.data.frame(cbind(df1\_1$Condition, MAAS\_Processed, RSE\_Processed, DTA\_Processed)) %>%

rename(Condition = V1) %>%

rowid\_to\_column(var = "Participant ID") %>%

sapply(as.numeric)

View(df\_processed)

df\_processed <- as.data.frame(df\_processed)

#Note: Condition 2 is control and condition 1 is experimental

#Grand finale... first... regular t-test with no controlling etc... main effect... :S

t.test(DTA\_Processed ~ Condition, data = df\_processed)

library(WRS2)

yuen(DTA\_Processed ~ Condition, data = df\_processed)

?res.aov

aov\_test\_a <- aov(RSE\_Processed ~ DTA\_Processed, data = df\_processed)

summary(aov\_test\_a)

library(car)

leveneTest(DTA\_Processed~Condition, data = df\_processed)

#?

ancova\_model\_1 <- aov(DTA\_Processed ~ Condition + RSE\_Processed, data = df\_processed)

Anova(ancova\_model\_1, type="III")

ancova\_model\_2 <- aov(DTA\_Processed ~ Condition + MAAS\_Processed, data = df\_processed)

Anova(ancova\_model\_2, type="III")

ancova\_model\_3 <- aov(DTA\_Processed ~ Condition + RSE\_Processed + MAAS\_Processed, data = df\_processed)

Anova(ancova\_model\_3, type="III")

#Trying it again after removing people who guessed dv...

df\_processed\_2 <- df\_processed[-c(15, 19, 46, 50, 57, 67),]

View(df\_processed\_2)

t.test(DTA\_Processed ~ Condition, data = df\_processed\_2)

yuen(DTA\_Processed~Condition, data = df\_processed\_2)

ancova\_model\_1.1 <- aov(DTA\_Processed ~ Condition + RSE\_Processed, data = df\_processed\_2)

Anova(ancova\_model\_1.1, type="III")

ancova\_model\_1.2 <- aov(DTA\_Processed ~ Condition + MAAS\_Processed, data = df\_processed\_2)

Anova(ancova\_model\_1.2, type="III")

ancova\_model\_1.3 <- aov(DTA\_Processed ~ Condition + RSE\_Processed + MAAS\_Processed, data = df\_processed\_2)

Anova(ancova\_model\_1.3, type="III")

mean(df\_processed$DTA\_Processed)

library(psych)

describeBy(df\_processed$DTA\_Processed~df\_processed$Condition)

mean\_dta\_ms <- df\_processed %>%

filter(Condition == 1)

mean\_dta\_ms\_1 <- as.data.frame(mean\_dta\_ms) %>%

select( DTA\_Processed) %>%

sapply(as.numeric)

mean\_dta\_ms\_1

mean(mean\_dta\_ms\_1)

summary(aov(DTA\_Processed ~ RSE\_Processed + MAAS\_Processed \* Condition, data = df\_processed))

summary(aov(DTA\_Processed ~ MAAS\_Processed + RSE\_Processed \* Condition, data = df\_processed))

summary(aov(DTA\_Processed ~ RSE\_Processed \* Condition, data = df\_processed))

#check this...

df\_processed$Condition <- as.factor(df\_processed$Condition)

contrasts(df\_processed$Condition)=contr.poly(2)

test.model <- aov(DTA\_Processed ~ RSE\_Processed+Condition, data = df\_processed)

Anova(test.model, type = "III")

model\_new\_test <- lm(DTA\_Processed ~ RSE\_Processed+factor(Condition), data=df\_processed)

anova(model\_new\_test)

summary(aov(DTA\_Processed ~ Condition \* RSE\_Processed, data = df\_processed))

summary(aov(DTA\_Processed ~ MAAS\_Processed + Condition\*RSE\_Processed, data = df\_processed))

?interaction.plot

interaction.plot(x.factor = df\_processed$MAAS\_Processed, trace.factor = df\_processed$Condition, response = df\_processed$DTA\_Processed)

test\_test\_df <- df\_processed %>%

filter(MAAS\_Processed > 5)

test\_test\_df

(3.62+.03+.4)/(3.62+92.48+.4+.03)

summary(aov(DTA\_Processed ~ Condition\*RSE\_Processed, data = df\_processed\_2))

qplot(y = DTA\_Processed, x = MAAS\_Processed, color = Condition, data = df\_processed) + geom\_smooth(method = "lm")

df\_processed\_3 <- df\_processed\_2[-c(4,86),]

#Possible outliers?^

qplot(y = DTA\_Processed, x = MAAS\_Processed, color = Condition, data = df\_processed\_3) + geom\_smooth(method = "lm")

summary(aov(DTA\_Processed ~ Condition\*MAAS\_Processed, data = df\_processed\_2))

interaction.plot(x.factor = df\_processed$RSE\_Processed, trace.factor = df\_processed$Condition, response = df\_processed$DTA\_Processed)

qplot(y = DTA\_Processed, x = MAAS\_Processed, color = Condition, data = df\_processed) + geom\_smooth(method = "lm")+

geom\_jitter()+

scale\_color\_discrete(labels=c("Mortality Salience","Television Salience"))+

labs(y="Death Thought Accessibility", x="Trait Mindfulness")

View(df\_processed\_2)

hist(df\_processed$DTA\_Processed)

hist(df\_processed$MAAS\_Processed)

hist(df\_processed$RSE\_Processed)

qqnorm(df\_processed$RSE\_Processed)

qqnorm(df\_processed$MAAS\_Processed)

qqnorm(df\_processed$DTA\_Processed)

(.08+.2+4.65)/(.08+.2+4.65+88.62)

cor(df\_processed\_2$MAAS\_Processed, df\_processed\_2$RSE\_Processed)

t.test(DTA\_Processed ~ Condition, data = df\_processed\_2)

#attempt with standardizing and LM

#OK, so we are predicting DTA (y) by MAAS and RSE

#so standardize these 3 variables, predicting each by condition to extract sigma

DTA\_sigma <- summary(lm(DTA\_Processed ~ 1 + Condition, data = df\_processed))$sigma

DTA\_sigma

MAAS\_sigma <- summary(lm(MAAS\_Processed ~ 1 + Condition, data = df\_processed))$sigma

MAAS\_sigma

RSE\_sigma <- summary(lm(RSE\_Processed ~ 1 + Condition, data = df\_processed))$sigma

RSE\_sigma

DTA\_Z <- (df\_processed$DTA\_Processed - mean(df\_processed$DTA\_Processed))/DTA\_sigma

MAAS\_Z <- (df\_processed$MAAS\_Processed - mean(df\_processed$MAAS\_Processed))/MAAS\_sigma

RSE\_Z <- (df\_processed$RSE\_Processed - mean(df\_processed$RSE\_Processed))/RSE\_sigma

summary(lm(DTA\_Z ~ 1 + RSE\_Z + MAAS\_Z, data = df\_processed))

summary(lm(DTA\_Z ~ 1 + RSE\_Z \* MAAS\_Z, data = df\_processed))

q()