STATA CODE

\*\*\* Case ID

codebook V160001

clonevar caseID = V160001

\*\*\* Participant racial groupings

tab V161310x V161309, mi

tab V161310x, gen(racegrp)

rename racegrp2 WHITE

rename racegrp3 BLACK

rename racegrp6 HISPN

rename racegrp4 ASIAN

tab V161310x WHITE, mi

tab V161310x BLACK, mi

tab V161310x HISPN, mi

tab V161310x ASIAN, mi

\*\*\* Denial of discrimination

tab1 V162357 V162358 V162359 V162360

recode V162357 V162358 V162359 V162360 (-5 -6 -7=.)

tab1 V162357 V162358 V162359 V162360

gen discBLACK = V162357

gen discHISPN = V162358

gen discASIAN = V162359

gen discWHITE = V162360

tab1 discWHITE discBLACK discHISPN discASIAN , mi

recode discWHITE discBLACK discHISPN discASIAN (1 2 3 4 -9=0) (5=1)

tab1 discWHITE discBLACK discHISPN discASIAN

tab V162357 discBLACK, mi

tab V162358 discHISPN, mi

tab V162359 discASIAN, mi

tab V162360 discWHITE, mi

svyset [pweight=V160102w], strata(V160201w) psu(V160202w) singleunit(centered) // Web

svy: prop discWHITE discBLACK discHISPN discASIAN

svy, subpop(WHITE): prop discWHITE discBLACK discHISPN discASIAN

svy, subpop(BLACK): prop discWHITE discBLACK discHISPN discASIAN

svy, subpop(HISPN): prop discWHITE discBLACK discHISPN discASIAN

svy, subpop(ASIAN): prop discWHITE discBLACK discHISPN discASIAN

\*\*\* GOP / DEM

tab V161158x

gen GOP = 0

gen DEM = 0

replace GOP = 1 if V161158x==7 | V161158x==6

replace DEM = 1 if V161158x==1 | V161158x==2

tab V161158x GOP, mi

tab V161158x DEM, mi

svy: prop discWHITE discBLACK discHISPN discASIAN if WHITE==1 & DEM==1

svy: prop discWHITE discBLACK discHISPN discASIAN if WHITE==1 & GOP==1

\*\*\* Vote choice

gen trumpClinton = V162062x

recode trumpClinton (1=0) (2=1) (3/5 -9/-1=.)

tab V162062x trumpClinton

gen clintonTrump = 1 - trumpClinton

tab clintonTrump

svy, subpop(trumpClinton): prop discWHITE discBLACK discHISPN discASIAN

svy, subpop(clintonTrump): prop discWHITE discBLACK discHISPN discASIAN

svy: reg trumpClinton discWHITE discBLACK discHISPN discASIAN, level(83)

svy: reg trumpClinton discWHITE discBLACK discHISPN discASIAN WHITE BLACK ASIAN HISPN, level(83)

svy, subpop(WHITE): reg trumpClinton discWHITE discBLACK discHISPN discASIAN, level(83)

R CODE

#install.packages("ggplot2", dependencies=TRUE)

library(ggplot2)

#pdf(file="F:PSfig1.pdf", width=7, height=5)

theme.z <- theme(

panel.background=element\_rect(fill="gray85"),

panel.grid.major.y=element\_blank(),

panel.grid.major.x=element\_line(size=0.1, linetype="solid", color="white"),

panel.grid.minor.x=element\_line(size=0.1, linetype="solid", color="white"),

panel.border=element\_rect(color="black", fill=NA, size=1.5),

axis.title.y=element\_text(size=10, color="black"),

axis.title.x=element\_blank(),

axis.text.y=element\_text(size=10, color="black"),

axis.text.x=element\_text(size=10, color="black", vjust=-0.5),

axis.ticks.y=element\_blank(),

axis.ticks.x=element\_blank(),

plot.title=element\_text(face="bold", size=12, hjust=0.5),

plot.margin=margin(0.5,0.5,0.5,0,"cm"),

plot.caption=element\_text(hjust=0.5),

legend.position="none"

)

TARGET <- c("Denial of\ndiscrimination\nagainst Whites","Denial of\ndiscrimination\nagainst Blacks","Denial of\ndiscrimination\nagainst Hispanics","Denial of\ndiscrimination\nagainst Asians")

# All

PCT <- 100\*c(0.344,0.035,0.047,0.122)

LOCI <- 100\*c(0.324,0.027,0.038,0.107)

HICI <- 100\*c(0.366,0.045,0.058,0.137)

df <- data.frame(TARGET,PCT,LOCI,HICI)

plot.1 <- ggplot(df, aes(x=TARGET, y=PCT, fill=factor(TARGET))) +

geom\_bar(stat="identity", position="dodge", color="black", size=1, width=0.85) +

geom\_errorbar(aes(ymin=LOCI, ymax=HICI), width=0.25, position=position\_dodge(0.85)) +

labs(title="Percentage selecting 'None at all' to the question:\nHow much discrimination is there in the United States\ntoday against each of the following groups?", caption="\nData source: 2016 American National Election Studies Time Series Study.") +

coord\_flip() +

scale\_x\_discrete(limits=TARGET, labels=TARGET, name="")+

scale\_y\_continuous(limits=c(0,100), breaks=seq(0,100,20), minor\_breaks=seq(0,100,10), labels=seq(0,100,20), expand=c(0,0), name="") +

scale\_fill\_manual(values=c("dodgerblue","dodgerblue","dodgerblue","dodgerblue")) +

theme.z

plot.1

### By racial group

#install.packages("ggplot2", dependencies=TRUE)

library(ggplot2)

#pdf(file="F:PSfig1.pdf", width=7, height=5)

theme.z <- theme(

panel.background=element\_rect(fill="gray85"),

panel.grid.major.y=element\_blank(),

panel.grid.major.x=element\_line(size=0.1, linetype="solid", color="white"),

panel.grid.minor.x=element\_blank(),

panel.border=element\_rect(color="black", fill=NA, size=1.5),

axis.title.y=element\_text(size=10, color="black"),

axis.title.x=element\_blank(),

axis.text.y=element\_text(size=10, color="black"),

axis.text.x=element\_text(size=10, color="black", vjust=-0.5),

axis.ticks.y=element\_blank(),

axis.ticks.x=element\_blank(),

plot.title=element\_text(face="bold", size=12, hjust=0.5),

plot.margin=margin(0.5,0.5,0.5,0,"cm"),

plot.caption=element\_text(hjust=0.5),

legend.position="none"

)

TARGET <- c("Denial of\ndiscrimination\nagainst Whites","Denial of\ndiscrimination\nagainst Blacks","Denial of\ndiscrimination\nagainst Hispanics","Denial of\ndiscrimination\nagainst Asians")

# Whites

PCT <- 100\*c(0.290,0.033,0.037,0.113)

LOCI <- 100\*c(0.267,0.024,0.028,0.097)

HICI <- 100\*c(0.313,0.044,0.048,0.130)

df <- data.frame(TARGET,PCT,LOCI,HICI)

plot.w <- ggplot(df, aes(x=TARGET, y=PCT, fill=factor(TARGET))) +

geom\_bar(stat="identity", position="dodge", color="black", size=1, width=0.85) +

geom\_errorbar(aes(ymin=LOCI, ymax=HICI), width=0.25, position=position\_dodge(0.85)) +

labs(title="Whites") +

coord\_flip() +

scale\_x\_discrete(limits=TARGET, labels=TARGET, name="")+

scale\_y\_continuous(limits=c(0,100), breaks=seq(0,100,20), minor\_breaks=seq(0,100,20), labels=seq(0,100,20), expand=c(0,0), name="") +

scale\_fill\_manual(values=c("dodgerblue","dodgerblue","dodgerblue","dodgerblue")) +

theme.z

plot.w

# Blacks

PCT <- 100\*c(0.525,0.031,0.065,0.131)

LOCI <- 100\*c(0.438,0.013,0.034,0.087)

HICI <- 100\*c(0.611,0.068,0.118,0.192)

df <- data.frame(TARGET,PCT,LOCI,HICI)

plot.b <- ggplot(df, aes(x=TARGET, y=PCT, fill=factor(TARGET))) +

geom\_bar(stat="identity", position="dodge", color="black", size=1, width=0.85) +

geom\_errorbar(aes(ymin=LOCI, ymax=HICI), width=0.25, position=position\_dodge(0.85)) +

labs(title="Blacks") +

coord\_flip() +

scale\_x\_discrete(limits=TARGET, labels=c("","","",""), name="")+

scale\_y\_continuous(limits=c(0,100), breaks=seq(0,100,20), minor\_breaks=seq(0,100,20), labels=seq(0,100,20), expand=c(0,0), name="") +

scale\_fill\_manual(values=c("dodgerblue","dodgerblue","dodgerblue","dodgerblue")) +

theme.z

plot.b

# Hispanics

PCT <- 100\*c(0.448,0.039,0.053,0.138)

LOCI <- 100\*c(0.363,0.015,0.024,0.094)

HICI <- 100\*c(0.536,0.095,0.113,0.199)

df <- data.frame(TARGET,PCT,LOCI,HICI)

plot.h <- ggplot(df, aes(x=TARGET, y=PCT, fill=factor(TARGET))) +

geom\_bar(stat="identity", position="dodge", color="black", size=1, width=0.85) +

geom\_errorbar(aes(ymin=LOCI, ymax=HICI), width=0.25, position=position\_dodge(0.85)) +

labs(title="Hispanics") +

coord\_flip() +

scale\_x\_discrete(limits=TARGET, labels=TARGET, name="")+

scale\_y\_continuous(limits=c(0,100), breaks=seq(0,100,20), minor\_breaks=seq(0,100,20), labels=seq(0,100,20), expand=c(0,0), name="") +

scale\_fill\_manual(values=c("dodgerblue","dodgerblue","dodgerblue","dodgerblue")) +

theme.z

plot.h

#dev.off()

# Asians

PCT <- 100\*c(0.485,0.031,0.068,0.079)

LOCI <- 100\*c(0.381,0.009,0.029,0.044)

HICI <- 100\*c(0.591,0.098,0.152,0.139)

df <- data.frame(TARGET,PCT,LOCI,HICI)

plot.a <- ggplot(df, aes(x=TARGET, y=PCT, fill=factor(TARGET))) +

geom\_bar(stat="identity", position="dodge", color="black", size=1, width=0.85) +

geom\_errorbar(aes(ymin=LOCI, ymax=HICI), width=0.25, position=position\_dodge(0.85)) +

labs(title="Asians") +

coord\_flip() +

scale\_x\_discrete(limits=TARGET, labels=c("","","",""), name="")+

scale\_y\_continuous(limits=c(0,100), breaks=seq(0,100,20), minor\_breaks=seq(0,100,20), labels=seq(0,100,20), expand=c(0,0), name="") +

scale\_fill\_manual(values=c("dodgerblue","dodgerblue","dodgerblue","dodgerblue")) +

theme.z

plot.a

library("grid")

library(lattice)

library(gridExtra)

g1 <- cbind(ggplotGrob(plot.w), ggplotGrob(plot.b), size="first")

g2 <- cbind(ggplotGrob(plot.h), ggplotGrob(plot.a), size="first")

grid.arrange(g1, g2, ncol=1, bottom=textGrob("Note: Data source: 2016 American National Election Studies Time Series Study.\nDenial of discrimination is selecting 'None at all' to the question:\nHow much discrimination is there in the United States today against each of the following groups?", x=0.5, y=0.5, just="center", gp=gpar(fontsize=10)))

### Partisanship

PCT <- 100\*c(0.290,0.033,0.037,0.113)

LOCI <- 100\*c(0.267,0.024,0.028,0.097)

HICI <- 100\*c(0.313,0.044,0.048,0.130)

TARGET <- c("Denial of\ndiscrimination\nagainst Whites","Denial of\ndiscrimination\nagainst Blacks","Denial of\ndiscrimination\nagainst Hispanics","Denial of\ndiscrimination\nagainst Asians")

df <- data.frame(TARGET,PCT,LOCI,HICI)

plot <- ggplot(df, aes(x=TARGET, y=PCT, fill=factor(TARGET))) +

geom\_bar(stat="identity", position="dodge", color="black", size=1, width=0.85) +

geom\_errorbar(aes(ymin=LOCI, ymax=HICI), width=0.25, position=position\_dodge(0.85)) +

labs(title="Percentage selecting 'None at all' to the question:\nHow much discrimination is there in the United States\ntoday against each of the following groups?", caption="\nData source: 2016 American National Election Studies Time Series Study.\nBar is for all Whites.\nBlue circle is White strong/not very strong Democrats.\nRed triangle is White strong/not very strong Republicans") +

scale\_x\_discrete(limits=TARGET, labels=TARGET, name="")+

scale\_y\_continuous(limits=c(0,100), breaks=seq(0,100,20), minor\_breaks=seq(0,100,10), labels=seq(0,100,20), expand=c(0,0), name="") +

coord\_flip() +

scale\_fill\_manual(values=c("white","white","white","white")) +

geom\_point(aes(x=1, y=44.1), shape=21, fill="blue", color="black", size=3)+

geom\_point(aes(x=2, y= 1.7), shape=21, fill="blue", color="black", size=3)+

geom\_point(aes(x=3, y= 2.1), shape=21, fill="blue", color="black", size=3)+

geom\_point(aes(x=4, y= 8.0), shape=21, fill="blue", color="black", size=3)+

geom\_point(aes(x=1, y=21.1), shape=24, fill="red", color="black", size=2)+

geom\_point(aes(x=2, y= 5.3), shape=24, fill="red", color="black", size=2)+

geom\_point(aes(x=3, y= 5.8), shape=24, fill="red", color="black", size=2)+

geom\_point(aes(x=4, y=15.8), shape=24, fill="red", color="black", size=2)+

theme(

panel.background=element\_rect(fill="gray85"),

panel.grid.major.y=element\_blank(),

panel.grid.major.x=element\_line(size=0.1, linetype="solid", color="white"),

panel.grid.minor.x=element\_line(size=0.1, linetype="solid", color="white"),

panel.border=element\_rect(color="black", fill=NA, size=1.5),

axis.title.y=element\_text(size=10, color="black"),

axis.title.x=element\_blank(),

axis.text.y=element\_text(size=10, color="black"),

axis.text.x=element\_text(size=10, color="black", vjust=-0.5),

axis.ticks.y=element\_blank(),

axis.ticks.x=element\_blank(),

plot.title=element\_text(face="bold", size=12, hjust=0.5),

plot.margin=margin(0.5,0.5,0.5,0,"cm"),

plot.caption=element\_text(hjust=0.5),

legend.position="none"

)

plot