\*\* Stata code

sum ftblack ftwhite ftasians

tab1 ftblack ftwhite ftasians

recode ftasians (50/100 -7=0) (0/49=1) , gen(ftasianCOLD)

recode ftblack (50/100 -7=0) (0/49=1) , gen(ftblackCOLD)

recode ftwhite (50/100 -7=0) (0/49=1) , gen(ftwhiteCOLD)

recode ftasians (0/49 51/100 -7=0) (50=1), gen(ftasianNEUTRAL)

recode ftblack (0/49 51/100 -7=0) (50=1), gen(ftblackNEUTRAL)

recode ftwhite (0/49 51/100 -7=0) (50=1), gen(ftwhiteNEUTRAL)

recode ftasians (0/50 -7=0) (51/100=1), gen(ftasianWARM)

recode ftblack (0/50 -7=0) (51/100=1), gen(ftblackWARM)

recode ftwhite (0/50 -7=0) (51/100=1), gen(ftwhiteWARM)

codebook profile\_racethnicity

recode profile\_racethnicity (2/4=0), gen(Rwhite)

tab profile\_racethnicity Rwhite, mi

recode profile\_racethnicity (1 3/4=0) (2=1), gen(Rblack)

tab profile\_racethnicity Rblack, mi

svyset [pw=weight\_pre]

svy, subpop(Rwhite): prop ftwhiteCOLD ftwhiteNEUTRAL ftwhiteWARM ftblackCOLD ftblackNEUTRAL ftblackWARM ftasianCOLD ftasianNEUTRAL ftasianWARM, level(83.4)

svy, subpop(Rblack): prop ftwhiteCOLD ftwhiteNEUTRAL ftwhiteWARM ftblackCOLD ftblackNEUTRAL ftblackWARM ftasianCOLD ftasianNEUTRAL ftasianWARM, level(83.4)

\*\* Check Hispanic

recode fthisp (50/100 -7=0) (0/49=1) , gen(fthispCOLD)

recode fthisp (0/49 51/100 -7=0) (50=1), gen(fthispNEUTRAL)

recode fthisp (0/50 -7=0) (51/100=1), gen(fthispWARM)

svy, subpop(Rwhite): prop ftwhiteCOLD fthispCOLD ftblackCOLD ftasianCOLD, level(83.4)

\*\* White born again Christian Trump voters

codebook profile\_born

codebook w2presvtwho

gen bornWtrump = 0

replace bornWtrump = 1 if Rwhite==1 & profile\_born==1 & w2presvtwho==1

tab bornWtrump

svyset [pw=weight\_pre]

svy, subpop(bornWtrump): prop ftwhiteCOLD ftwhiteNEUTRAL ftwhiteWARM ftblackCOLD ftblackNEUTRAL ftblackWARM ftasianCOLD ftasianNEUTRAL ftasianWARM, level(83.4)

\*\* By age group

recode profile\_age (18/29=1) (30/45=2) (46/59=3) (60/100=4), gen(ageGRP)

tab ageGRP, mi

label define ageGRP 1 "18 to 29" 2 "30 to 45" 3 "46 to 59" 4 "60"

label values ageGRP ageGRP

tab ageGRP, mi

svy, subpop(Rwhite): prop ftwhiteCOLD, over(ageGRP)

svy, subpop(Rwhite): prop ftblackCOLD, over(ageGRP)

svy, subpop(Rwhite): prop fthispCOLD, over(ageGRP)

svy, subpop(Rwhite): prop ftasianCOLD, over(ageGRP)

svy, subpop(Rwhite): prop ftwhiteNEUTRAL, over(ageGRP)

svy, subpop(Rwhite): prop ftblackNEUTRAL, over(ageGRP)

svy, subpop(Rwhite): prop fthispNEUTRAL, over(ageGRP)

svy, subpop(Rwhite): prop ftasianNEUTRAL, over(ageGRP)

svy, subpop(Rwhite): prop ftwhiteWARM, over(ageGRP)

svy, subpop(Rwhite): prop ftblackWARM, over(ageGRP)

svy, subpop(Rwhite): prop fthispWARM, over(ageGRP)

svy, subpop(Rwhite): prop ftasianWARM, over(ageGRP)

svy, subpop(Rblack): prop ftwhiteCOLD, over(ageGRP)

svy, subpop(Rblack): prop ftblackCOLD, over(ageGRP)

svy, subpop(Rblack): prop fthispCOLD, over(ageGRP)

svy, subpop(Rblack): prop ftasianCOLD, over(ageGRP)

svy, subpop(Rblack): prop ftwhiteNEUTRAL, over(ageGRP)

svy, subpop(Rblack): prop ftblackNEUTRAL, over(ageGRP)

svy, subpop(Rblack): prop fthispNEUTRAL, over(ageGRP)

svy, subpop(Rblack): prop ftasianNEUTRAL, over(ageGRP)

svy, subpop(Rblack): prop ftwhiteWARM, over(ageGRP)

svy, subpop(Rblack): prop ftblackWARM, over(ageGRP)

svy, subpop(Rblack): prop fthispWARM, over(ageGRP)

svy, subpop(Rblack): prop ftasianWARM, over(ageGRP)

tab ageGRP if Rwhite==1, mi

tab ageGRP if Rblack==1, mi

sum ftwhite ftblack fthisp ftasians

recode ftwhite ftblack fthisp ftasians (-7=.)

sum ftwhite ftblack fthisp ftasians

egen ftMEAN = rowmean(ftwhite ftblack fthisp ftasians)

sum ftMEAN

svy, subpop(Rblack): reg ftMEAN i.ageGRP

svy, subpop(Rwhite): reg ftMEAN i.ageGRP

svy, subpop(Rblack): reg ftwhite i.ageGRP

svy, subpop(Rblack): reg ftblack i.ageGRP

svy, subpop(Rblack): reg fthisp i.ageGRP

svy, subpop(Rblack): reg ftasians i.ageGRP

svy, subpop(Rwhite): reg ftwhite i.ageGRP

svy, subpop(Rwhite): reg ftblack i.ageGRP

svy, subpop(Rwhite): reg fthisp i.ageGRP

svy, subpop(Rwhite): reg ftasians i.ageGRP

svy, subpop(Rblack): logit ftwhiteCOLD i.ageGRP

svy, subpop(Rblack): logit ftblackCOLD i.ageGRP

svy, subpop(Rblack): logit fthispCOLD i.ageGRP

svy, subpop(Rblack): logit ftasianCOLD i.ageGRP

svy, subpop(Rwhite): logit ftwhiteCOLD i.ageGRP

svy, subpop(Rwhite): logit ftblackCOLD i.ageGRP

svy, subpop(Rwhite): logit fthispCOLD i.ageGRP

svy, subpop(Rwhite): logit ftasianCOLD i.ageGRP

## R plot: White respondents and Black respondents

library(ggplot2)

DATA <- read.csv(file.choose(), header=TRUE)

DATA$ITEM <- factor(DATA$ITEM, levels=c("Warm", "Neutral", "Cold"))

DATA$GROUP = factor(DATA$GROUP, levels=c("White respondents", "Black respondents"))

plot <- ggplot(DATA, aes(fill=ITEM, y=100\*PE, x=TARGET)) +

 geom\_bar(position="stack", stat="identity", color="black", size=1.1, width=0.85) +

 scale\_fill\_manual(values=c("red3", "white", "lightblue"), name="Rating") +

 scale\_y\_continuous(limits=c(0, 100), breaks=seq(0, 100, by=10), sec.axis=dup\_axis()) +

 facet\_wrap(~GROUP, ncol=2, dir="v") +

 scale\_x\_discrete(limits=c("Rating of Whites", "Rating of Blacks", "Rating of Asians")) +

 labs(title="Ratings on 0-to-100 Feeling Thermometers", caption="Data source: American National Election Studies. 2021. ANES 2020 Social Media Study: Pre-Election Data [dataset and documentation]. March 8, 2021 version. www.electionstudies.org.\n\nSample sizes: White respondents: 3,983. Black respondents: 611")

theme.z <- theme(

 panel.background=element\_rect(fill="gray90"),

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

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

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

 #panel.grid.major.y=element\_line(size=0.1, linetype="solid", color="gray80"),

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

 panel.border=element\_rect(color="black", size=2, fill=NA),

 panel.spacing.x=unit(1, "lines"),

 strip.background=element\_rect(color="black", fill="black"),

 strip.text.x=element\_text(color="white", face="bold", size=15),

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

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

 axis.text.x=element\_text(color="black", size=12),

 axis.text.y=element\_text(color="black", size=12),

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

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

 plot.title=element\_text(face="bold", margin=margin(t=0, b=13), size=15, hjust=0.5),

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

 plot.caption=element\_text(size=8, hjust=0, margin=margin(10,0,0,0))

 )

plot + theme.z

ggsave("G:ANES2020smWB.svg", width=11, height=6, pointsize=20)

## R plot: White born again Trump voter respondents and Black respondents

library(ggplot2)

DATA <- read.csv(file.choose(), header=TRUE)

DATA$ITEM <- factor(DATA$ITEM, levels=c("Warm", "Neutral", "Cold"))

DATA$GROUP = factor(DATA$GROUP, levels=c("White born again Trump voters", "Black respondents"))

plot <- ggplot(DATA, aes(fill=ITEM, y=100\*PE, x=TARGET)) +

 geom\_bar(position="stack", stat="identity", color="black", size=1.1, width=0.85) +

 scale\_fill\_manual(values=c("red3", "white", "lightblue"), name="Rating") +

 scale\_y\_continuous(limits=c(0, 100), breaks=seq(0, 100, by=10), sec.axis=dup\_axis()) +

 facet\_wrap(~GROUP, ncol=2, dir="v") +

 scale\_x\_discrete(limits=c("Rating of Whites", "Rating of Blacks", "Rating of Asians")) +

 labs(title="Ratings on 0-to-100 Feeling Thermometers", caption="Data source: American National Election Studies. 2021. ANES 2020 Social Media Study: Pre-Election Data [dataset and documentation]. March 8, 2021 version. www.electionstudies.org.\n\nSample sizes: White born again Trump voter respondents: 564. Black respondents: 611")

theme.z <- theme(

 panel.background=element\_rect(fill="gray90"),

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

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

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

 #panel.grid.major.y=element\_line(size=0.1, linetype="solid", color="gray80"),

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

 panel.border=element\_rect(color="black", size=2, fill=NA),

 panel.spacing.x=unit(1, "lines"),

 strip.background=element\_rect(color="black", fill="black"),

 strip.text.x=element\_text(color="white", face="bold", size=15),

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

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

 axis.text.x=element\_text(color="black", size=12),

 axis.text.y=element\_text(color="black", size=12),

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

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

 plot.title=element\_text(face="bold", margin=margin(t=0, b=13), size=15, hjust=0.5),

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

 plot.caption=element\_text(size=8, hjust=0, margin=margin(10,0,0,0))

 )

plot + theme.z

ggsave("G:ANES2020smTB.svg", width=11, height=6, pointsize=20)

## R plot: White respondents, by age group

DATA <- read.csv(file.choose(), header=TRUE)

library(ggplot2)

theme.z <- theme(

 panel.background=element\_rect(fill="gray90"),

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

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

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

 #panel.grid.major.y=element\_line(size=0.1, linetype="solid", color="gray80"),

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

 panel.border=element\_rect(color="black", size=2, fill=NA),

 panel.spacing.x=unit(0.5, "lines"),

 panel.spacing.y=unit(0.5, "lines"),

 strip.background=element\_rect(color="black", fill="black"),

 strip.text.x=element\_text(color="white", face="bold", size=15),

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

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

 axis.text.x=element\_text(color="black", size=12),

 axis.text.y=element\_text(color="black", size=12),

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

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

 plot.title=element\_text(face="bold", margin=margin(t=0, b=13), size=17, hjust=0.5),

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

 plot.caption=element\_text(size=10, hjust=0, margin=margin(10,0,0,0)),

 legend.text=element\_text(size=10),

 legend.position="bottom"

 )

DATA$GROUP <- factor(DATA$GROUP, levels=c("Age 18-29 (N=362)", "Age 30-45 (N=1,090)", "Age 46-59 (N=824)", "Age 60+ (N=1,707)"))

DATA$ITEM <- factor(DATA$ITEM, levels=c("Warm", "Neutral", "Cold"))

DATA$TARGET <- factor(DATA$TARGET, levels=c("of Blacks", "of Hispanics", "of Asians", "of Whites"))

GROUP.ORDER <- c("Age 18-29 (N=362)", "Age 30-45 (N=1,090)", "Age 46-59 (N=824)", "Age 60+ (N=1,707)")

ggplot(DATA, aes(x=GROUP, y=100\*PCT, fill=ITEM)) +

 geom\_bar(position="stack", stat="identity", color="black", size=1.1, width=0.8) +

 scale\_fill\_manual(values=c("lightblue", "white", "red3"), name="Rating") +

 coord\_flip() +

 facet\_wrap(~TARGET, ncol=2, dir="h") +

 scale\_x\_discrete(limits=GROUP.ORDER, labels=GROUP.ORDER, name="") +

 scale\_y\_continuous(limits=c(0, 100.01), breaks=seq(0, 100, by=10)) +

 labs(title="White Respondent Ratings on 0-to-100 Feeling Thermometers (N=3,983)", caption="Data source: American National Election Studies. 2021.\nANES 2020 Social Media Study: Pre-Election Data [dataset and documentation]. March 8, 2021 version. www.electionstudies.org.") +

theme.z + guides(fill=guide\_legend(reverse=T))

ggsave("G:ANES2020smWage.svg", width=10, height=8, pointsize=20)

## R plot: Black respondents, by age group

DATA <- read.csv(file.choose(), header=TRUE)

library(ggplot2)

theme.z <- theme(

 panel.background=element\_rect(fill="gray90"),

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

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

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

 #panel.grid.major.y=element\_line(size=0.1, linetype="solid", color="gray80"),

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

 panel.border=element\_rect(color="black", size=2, fill=NA),

 panel.spacing.x=unit(0.5, "lines"),

 panel.spacing.y=unit(0.5, "lines"),

 strip.background=element\_rect(color="black", fill="black"),

 strip.text.x=element\_text(color="white", face="bold", size=15),

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

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

 axis.text.x=element\_text(color="black", size=12),

 axis.text.y=element\_text(color="black", size=12),

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

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

 plot.title=element\_text(face="bold", margin=margin(t=0, b=13), size=17, hjust=0.5),

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

 plot.caption=element\_text(size=10, hjust=0, margin=margin(10,0,0,0)),

 legend.text=element\_text(size=10),

 legend.position="bottom"

 )

DATA$GROUP <- factor(DATA$GROUP, levels=c("Age 18-29 (N=88)", "Age 30-45 (N=217)", "Age 46-59 (N=154)", "Age 60+ (N=152)"))

DATA$ITEM <- factor(DATA$ITEM, levels=c("Warm", "Neutral", "Cold"))

DATA$TARGET <- factor(DATA$TARGET, levels=c("of Blacks", "of Hispanics", "of Asians", "of Whites"))

GROUP.ORDER <- c("Age 18-29 (N=88)", "Age 30-45 (N=217)", "Age 46-59 (N=154)", "Age 60+ (N=152)")

ggplot(DATA, aes(x=GROUP, y=100\*PCT, fill=ITEM)) +

 geom\_bar(position="stack", stat="identity", color="black", size=1.1, width=0.8) +

 scale\_fill\_manual(values=c("lightblue", "white", "red3"), name="Rating") +

 coord\_flip() +

 facet\_wrap(~TARGET, ncol=2, dir="h") +

 scale\_x\_discrete(limits=GROUP.ORDER, labels=GROUP.ORDER, name="") +

 scale\_y\_continuous(limits=c(0, 100.01), breaks=seq(0, 100, by=10)) +

 labs(title="Black Respondent Ratings on 0-to-100 Feeling Thermometers (N=611)", caption="Data source: American National Election Studies. 2021.\nANES 2020 Social Media Study: Pre-Election Data [dataset and documentation]. March 8, 2021 version. www.electionstudies.org.") +

theme.z + guides(fill=guide\_legend(reverse=T))

ggsave("G:ANES2020smBage.svg", width=10, height=8, pointsize=20)