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

library("ggplot2")

theme.z <- theme(

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

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

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

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

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

 panel.border=element\_rect(color="black", fill=NA, size=1.1),

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

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

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

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

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

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

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

 plot.margin=unit(c(t=0.25,r=0.1,b=0.25,l=0.1), "cm"),

 legend.position="none")

plot.w <- ggplot(data=DATA, aes(notvotewoman)) +

geom\_histogram(col="black", size=1.1, fill="lightsteelblue4", center=0, binwidth=1, alpha=1) +

labs(title="Participant estimates of the % of other Americans that would\nnot vote for a woman for president (full sample)", x="", y="")+

scale\_y\_continuous(limits=c(0,120), expand=c(0,0), breaks=seq(0,120,10), sec.axis=dup\_axis()) +

scale\_x\_continuous(limits=c(-2,102), expand=c(0,0), breaks=seq(0,102,10)) +

theme.z

plot.w

plot.b <- ggplot(data=DATA, aes(notvoteblack)) +

geom\_histogram(col="black", size=1.1, fill="lightsteelblue4", center=0, binwidth=1, alpha=1) +

labs(title=" Participant estimates of the % of other Americans that would\nnot vote for a black person for president (full sample)", x="", y="")+

scale\_y\_continuous(limits=c(0,120), expand=c(0,0), breaks=seq(0,120,10), sec.axis=dup\_axis()) +

scale\_x\_continuous(limits=c(-2,102), expand=c(0,0), breaks=seq(0,102,10)) +

theme.z

plot.b

library("grid")

library(lattice)

library(gridExtra)

svg(filename="F:R-SD1.svg", width=7, height=7, pointsize=20)

grid.arrange(plot.w, plot.b, ncol=1, bottom=textGrob("Data source: Regina Bateson. 2020. Replication Data for: Strategic Discrimination.\nhttps://doi.org/10.7910/DVN/6FFKRI, Harvard Dataverse, V1. Perspectives on Politics", x=0.5, y=0.5, just="center", gp=gpar(fontsize=10)))

dev.off()