svg("G:SL2020 1 2.svg", width=12, height=10, pointsize=15)

library(ggplot2)

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

theme.z <- theme(

strip.text.x=element\_text(colour="black", face="bold", size=11),

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

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

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

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

panel.background=element\_rect(fill="lightsteelblue2", color="black", size=0.5, linetype="solid"),

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

panel.spacing.x=unit(2, "lines"),

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

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

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

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

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

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

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

plot.margin=unit(c(0.4,0.4,0.4,0.4),"cm"),

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

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

plot.caption=element\_text(hjust=0))

DATA$RR <- factor(DATA$RR, levels=c("RR>=1","RR>=2","RR>=3","RR>=4","RR>=5","RR>=6","RR>=7","RR>=8","RR>=9","RR>=10","RR>=11","RR>=12","RR>=13","RR>=14","RR>=15","RR>=16","RR==17"))

plot.1 <- ggplot(DATA, aes(RR, COEFF.1)) +

geom\_rect(data=NULL,aes(xmin=-Inf, xmax=Inf, ymin=0, ymax=Inf), fill="lightsteelblue3") +

geom\_hline(yintercept=0, color="black") +

# geom\_hline(yintercept=c(-10,-20,-30,-40,-50,-60,-70,-80), color="gray85") +

scale\_y\_continuous(name="", breaks=seq(-0.7,0.7,0.1), labels=scales::number\_format(accuracy=0.1), expand=c(0,0), limits=c(-0.7,0.7), sec.axis=dup\_axis()) +

geom\_point(size=2.5) +

coord\_flip() +

labs(title="Difference in dichotomous 'justified'", subtitle="Stereotype condition minus counterstereotype condition (All Whites)") +

geom\_errorbar(aes(ymin=LOCI.1, ymax=HICI.1), width=0, size=0.75)

plot.1 + theme.z

plot.2 <- ggplot(DATA, aes(RR, COEFF.2)) +

geom\_rect(data=NULL,aes(xmin=-Inf, xmax=Inf, ymin=0, ymax=Inf), fill="lightsteelblue3") +

geom\_hline(yintercept=0, color="black") +

# geom\_hline(yintercept=c(-10,-20,-30,-40,-50,-60,-70,-80), color="gray85") +

scale\_y\_continuous(name="", breaks=seq(-0.7,0.7,0.1), labels=scales::number\_format(accuracy=0.1), expand=c(0,0), limits=c(-0.7,0.7),

sec.axis=dup\_axis()) +

geom\_point(size=2.5) +

coord\_flip() +

labs(title="Difference in dichotomous 'justified'", subtitle="Control condition minus counterstereotype condition (All Whites)") +

geom\_errorbar(aes(ymin=LOCI.2, ymax=HICI.2), width=0, size=0.75)

plot.2 + theme.z

plot.1c <- ggplot(DATA, aes(RR, COEFF.1c)) +

geom\_rect(data=NULL,aes(xmin=-Inf, xmax=Inf, ymin=0, ymax=Inf), fill="lightsteelblue3") +

geom\_hline(yintercept=0, color="black") +

# geom\_hline(yintercept=c(-10,-20,-30,-40,-50,-60,-70,-80), color="gray85") +

scale\_y\_continuous(name="", breaks=seq(-0.7,0.7,0.1), labels=scales::number\_format(accuracy=0.1), expand=c(0,0), limits=c(-0.7,0.7), sec.axis=dup\_axis()) +

geom\_point(size=2.5) +

coord\_flip() +

labs(title="Difference in dichotomous 'justified'", subtitle="Stereotype condition minus counterstereotype condition (Passed checks)") +

geom\_errorbar(aes(ymin=LOCI.1c, ymax=HICI.1c), width=0, size=0.75)

plot.1c + theme.z

plot.2c <- ggplot(DATA, aes(RR, COEFF.2c)) +

geom\_rect(data=NULL,aes(xmin=-Inf, xmax=Inf, ymin=0, ymax=Inf), fill="lightsteelblue3") +

geom\_hline(yintercept=0, color="black") +

# geom\_hline(yintercept=c(-10,-20,-30,-40,-50,-60,-70,-80), color="gray85") +

scale\_y\_continuous(name="", breaks=seq(-0.7,0.7,0.1), labels=scales::number\_format(accuracy=0.1), expand=c(0,0), limits=c(-0.7,0.7),

sec.axis=dup\_axis()) +

geom\_point(size=2.5) +

coord\_flip() +

labs(title="Difference in dichotomous 'justified'", subtitle="Control condition minus counterstereotype condition (Passed checks)") +

geom\_errorbar(aes(ymin=LOCI.2c, ymax=HICI.2c), width=0, size=0.75)

plot.2c + theme.z

p1 <- plot.1 + theme.z

p2 <- plot.2 + theme.z

p1c <- plot.1c + theme.z

p2c <- plot.2c + theme.z

g1 <- cbind(ggplotGrob(p1), ggplotGrob(p2), size="first")

g2 <- cbind(ggplotGrob(p1c), ggplotGrob(p2c), size="first")

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

library("grid")

library(lattice)

library(gridExtra)

grid.newpage()

grid.arrange(g1, g2, ncol=1, bottom=textGrob("Note: Data source: Strickler and Lawson. 2020. Racial conservatism, self-monitoring, and perceptions of police violence. Politics, Groups, and Identities", x=0.5, y=0.5, just="center", gp=gpar(fontsize=10)))

dev.off()

#########################################################

svg("G:SL2020 3 4.svg", width=11, height=6, pointsize=15)

library(ggplot2)

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

theme.z <- theme(

strip.text.x=element\_text(colour="black", face="bold", size=11),

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

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

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

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

panel.background=element\_rect(fill="lightsteelblue2", color="black", size=0.5, linetype="solid"),

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

panel.spacing.x=unit(2, "lines"),

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

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

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

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

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

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

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

plot.margin=unit(c(0.4,0.4,0.4,0.4),"cm"),

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

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

plot.caption=element\_text(hjust=0))

DATA$RR <- factor(DATA$RR, levels=c("RR==1","RR<=2","RR<=3","RR<=4","RR<=5","RR<=6","RR<=7","RR<=8","RR<=9","RR<=10","RR<=11","RR<=12","RR<=13","RR<=14","RR<=15","RR<=16","RR<=17","RR>=1","RR>=2","RR>=3","RR>=4","RR>=5","RR>=6","RR>=7","RR>=8","RR>=9","RR>=10","RR>=11","RR>=12","RR>=13","RR>=14","RR>=15","RR>=16","RR==17"))

plot.3 <- ggplot(DATA, aes(RR, COEFF.3)) +

geom\_rect(data=NULL,aes(xmin=-Inf, xmax=Inf, ymin=0, ymax=Inf), fill="lightsteelblue3") +

geom\_hline(yintercept=0, color="black") +

# geom\_hline(yintercept=c(-10,-20,-30,-40,-50,-60,-70,-80), color="gray85") +

scale\_y\_continuous(name="", breaks=seq(-0.4,0.4,0.1), labels=scales::number\_format(accuracy=0.1), expand=c(0,0), limits=c(-0.4,0.4),

sec.axis=dup\_axis()) +

geom\_point(size=2.5) +

coord\_flip() +

labs(title="Difference in ordinal 0-to-1 'justified'", subtitle="Stereotype condition minus counterstereotype condition (All Whites)") +

geom\_errorbar(aes(ymin=LOCI.3, ymax=HICI.3), width=0, size=0.75)

p3 <- plot.3 + theme.z

plot.4 <- ggplot(DATA, aes(RR, COEFF.4)) +

geom\_rect(data=NULL,aes(xmin=-Inf, xmax=Inf, ymin=0, ymax=Inf), fill="lightsteelblue3") +

geom\_hline(yintercept=0, color="black") +

# geom\_hline(yintercept=c(-10,-20,-30,-40,-50,-60,-70,-80), color="gray85") +

scale\_y\_continuous(name="", breaks=seq(-0.4,0.4,0.1), labels=scales::number\_format(accuracy=0.1), expand=c(0,0), limits=c(-0.4,0.4),

sec.axis=dup\_axis()) +

geom\_point(size=2.5) +

coord\_flip() +

labs(title="Difference in ordinal 0-to-1 'justified'", subtitle="Control condition minus counterstereotype condition (All Whites)") +

geom\_errorbar(aes(ymin=LOCI.4, ymax=HICI.4), width=0, size=0.75)

p4 <- plot.4 + theme.z

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

library("grid")

library(lattice)

library(gridExtra)

grid.newpage()

grid.arrange(p3, p4, nrow=1, bottom=textGrob("Note: Data source: Strickler and Lawson. 2020. Racial conservatism, self-monitoring, and perceptions of police violence. Politics, Groups, and Identities", x=0.5, y=0.5, just="center", gp=gpar(fontsize=10)))

dev.off()