# win.metafile(filename="F:Me2.wmf", width=12, height=6, pointsize=15)

# svg("E:Me2.svg", width=12, 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\_text(size=11, color="black"),

axis.title.x=element\_text(size=11, color="black"),

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(0.25,0.1,0.25,0.1),"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=0.5))

DATA$MS <- factor(DATA$MS, levels=c("0","1","2","3","4","5","6","7","8","9","10","11","12","13","14","15","16"))

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

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\_x\_discrete(name="Sexism index") +

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

sec.axis=dup\_axis()) +

geom\_point(size=2.5) +

labs(title="Estimates from a linear regression", subtitle="Predicted change in candidate favorability\nControl compared to the sexual assault condition", caption="Data source: Costa et al. 2020 Research & Politics. Error bars indicate 95% confidence intervals.") +

geom\_errorbar(aes(ymin=LO95CI.LR, ymax=HI95CI.LR), width=0.2, size=0.75) +

geom\_text(x=0+1, y=-96, label="297", size=3) +

geom\_text(x=1+1, y=-96, label="103", size=3) +

geom\_text(x=2+1, y=-96, label="97", size=3) +

geom\_text(x=3+1, y=-96, label="107", size=3) +

geom\_text(x=4+1, y=-96, label="236", size=3) +

geom\_text(x=5+1, y=-96, label="144", size=3) +

geom\_text(x=6+1, y=-96, label="129", size=3) +

geom\_text(x=7+1, y=-96, label="113", size=3) +

geom\_text(x=8+1, y=-96, label="163", size=3) +

geom\_text(x=9+1, y=-96, label="102", size=3) +

geom\_text(x=10+1, y=-96, label="145", size=3) +

geom\_text(x=11+1, y=-96, label="96", size=3) +

geom\_text(x=12+1, y=-96, label="78", size=3) +

geom\_text(x=13+1, y=-96, label="32", size=3) +

geom\_text(x=14+1, y=-96, label="18", size=3) +

geom\_text(x=15+1, y=-96, label="12", size=3) +

geom\_text(x=16+1, y=-96, label="16", size=3)

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

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\_x\_discrete(name="Sexism index") +

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

sec.axis=dup\_axis()) +

geom\_point(size=2.5) +

labs(title="Estimates from a t-test on subsamples", subtitle="Predicted change in candidate favorability\nControl compared to the sexual assault condition", caption="Data source: Costa et al. 2020 Research & Politics. Error bars indicate 95% confidence intervals.") +

geom\_errorbar(aes(ymin=LO95CI.TT, ymax=HI95CI.TT), width=0.2, size=0.75) +

geom\_text(x=0+1, y=-96, label="297", size=3) +

geom\_text(x=1+1, y=-96, label="103", size=3) +

geom\_text(x=2+1, y=-96, label="97", size=3) +

geom\_text(x=3+1, y=-96, label="107", size=3) +

geom\_text(x=4+1, y=-96, label="236", size=3) +

geom\_text(x=5+1, y=-96, label="144", size=3) +

geom\_text(x=6+1, y=-96, label="129", size=3) +

geom\_text(x=7+1, y=-96, label="113", size=3) +

geom\_text(x=8+1, y=-96, label="163", size=3) +

geom\_text(x=9+1, y=-96, label="102", size=3) +

geom\_text(x=10+1, y=-96, label="145", size=3) +

geom\_text(x=11+1, y=-96, label="96", size=3) +

geom\_text(x=12+1, y=-96, label="78", size=3) +

geom\_text(x=13+1, y=-96, label="32", size=3) +

geom\_text(x=14+1, y=-96, label="18", size=3) +

geom\_text(x=15+1, y=-96, label="12", size=3) +

geom\_text(x=16+1, y=-96, label="16", size=3)

p1 <- plot.1 + theme.z

p2 <- plot.2 + theme.z

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

library("grid")

grid.newpage()

grid.draw(cbind(ggplotGrob(p1), ggplotGrob(p2), size="last"))

# dev.off()