svg(filename="G:R-ExpertIdeo2016.svg", width=6, height=6, pointsize=25)

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

library("ggplot2")

x <- c(rep\_len(1,43), rep\_len(2,154), rep\_len(3,276), rep\_len(4,123), rep\_len(5,52), rep\_len(6,33), rep\_len(7,16), rep\_len(8,17), rep\_len(9,3), rep\_len(10,1))

DATA <- data.frame(x)

COLORS <- c("blue4","blue3","blue2","blue1","purple","purple","red1","red2","red3","red4")

h1 <- ggplot(data=DATA, aes(x)) +

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

labs(x="Self-placement on a 1-to-10 left-right scale", y="Count", caption="Eight missing responses not shown.\nData source: Pippa Norris, Alessandro Nai, and Max Grömping. 2017.\nThe expert survey of Perceptions of Electoral Integrity,\nUS 2016 subnational study, Release 1.0, (PEI\_US\_1.0), January 2017: \nwww.electoralintegrityproject.com.") +

ggtitle("Perceptions of Electoral Integrity\nU.S. 2016 Study\nExpert political ideology") +

scale\_x\_discrete(limits=c(0,11), expand=c(0,0), breaks=seq(1,10,1)) +

scale\_y\_continuous(limits=c(0,300), expand=c(0,0), breaks=seq(0,300,50))

theme.z <- theme(

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

 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=14, margin=margin(t=6)),

 axis.title.y=element\_text(color="black", size=14),

 axis.text.x=element\_text(color="black", size=12, margin=margin(t=6)),

 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", size=16, hjust=0.5),

 plot.margin=unit(c(0.5,0.5,0.5,0.5), "cm"),

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

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

 legend.position="none")

h1 <- h1 + theme.z

h1

dev.off()