**Computing Figure 1**

1. Used the Attached Data of predicted values from Stats.

2. Used the below R code

covid=read.table("expresults.txt",header=T)  
  
outgroup=seq(0,1,by=.05)  
  
par(mfrow=c(1,2),oma=c(6,5,2,1),mar=c(1,2,1,1))  
  
plot(outgroup,covid$dem[1:21], ylim=c(1,4), ylab=" ",xlab=" ",axes=F,type="n")  
polygon(c(outgroup,rev(outgroup)),c(covid$dem.ub[1:21],rev(covid$[dem.lb](https://urldefense.com/v3/__http:/dem.lb__;!!Dq0X2DkFhyF93HkjWTBQKhk!AYhx9v54eVWA6Q349Byc9HXOgolFGa32l4jzWR1KOxH_GfXC-RH5JBQmcwjdD4IjR8-E1g$)[1:21])),col="grey80",border="NA")  
polygon(c(outgroup,rev(outgroup)),c(covid$dem.ub[22:42],rev(covid$[dem.lb](https://urldefense.com/v3/__http:/dem.lb__;!!Dq0X2DkFhyF93HkjWTBQKhk!AYhx9v54eVWA6Q349Byc9HXOgolFGa32l4jzWR1KOxH_GfXC-RH5JBQmcwjdD4IjR8-E1g$)[22:42])),col="grey80",border="NA")  
  
lines(outgroup,covid$dem[1:21],lwd=2,col="black",lty=2)  
lines(outgroup,covid$dem[22:42],lwd=2,col="black")  
  
axis(1,at = seq(0,1,.2), label = seq(0,1,.2), mgp = c(.8,2,1), cex.axis=1.75)  
axis(2,at = seq(1,4,1), label = seq(1,4,1), mgp = c(.8,2,1), cex.axis=1.75,las=2)  
  
mtext("Democrats",side=3,line=0,cex=2.2,outer=F)  
  
text(0,1.90,"1.96",cex=1.3)  
text(0,2.48,"2.42",cex=1.3)  
  
text(1,0.99,"1.05",cex=1.3)  
text(1,1.24,"1.16",cex=1.3)  
  
legend(0,3.5,legend=c("Trump Treatment","USA Treatment"),lwd=3,lty=c(2,1),cex=2,bty="n",horiz=F)  
  
plot(outgroup,covid$rep[1:21], ylim=c(1,4), ylab=" ",xlab=" ",axes=F,type="n")  
polygon(c(outgroup,rev(outgroup)),c(covid$rep.ub[1:21],rev(covid$[rep.lb](https://urldefense.com/v3/__http:/rep.lb__;!!Dq0X2DkFhyF93HkjWTBQKhk!AYhx9v54eVWA6Q349Byc9HXOgolFGa32l4jzWR1KOxH_GfXC-RH5JBQmcwjdD4JehhgOmg$)[1:21])),col="grey80",border="NA")  
polygon(c(outgroup,rev(outgroup)),c(covid$rep.ub[22:42],rev(covid$[rep.lb](https://urldefense.com/v3/__http:/rep.lb__;!!Dq0X2DkFhyF93HkjWTBQKhk!AYhx9v54eVWA6Q349Byc9HXOgolFGa32l4jzWR1KOxH_GfXC-RH5JBQmcwjdD4JehhgOmg$)[22:42])),col="grey80",border="NA")  
  
lines(outgroup,covid$rep[1:21],lwd=3,col="black",lty=2)  
lines(outgroup,covid$rep[22:42],lwd=3,col="black",lty=1)  
  
axis(1,at = seq(0,1,.2), label = seq(0,1,.2), mgp = c(.8,2,1), cex.axis=1.75)  
axis(2,at = seq(1,4,1), label = rep(" ",times=4), mgp = c(.8,2,1), cex.axis=1.75,las=2)  
  
mtext("Republicans",side=3,line=0,cex=2.2,outer=F)  
  
text(0,2.02,"1.94",cex=1.3)  
text(0,1.25,"1.31",cex=1.3)  
  
text(1,3.20,"3.14",cex=1.3)  
text(1,2.97,"3.11",cex=1.3)  
  
mtext("Affective Polarization",side=1,line=3,cex=2.2,outer=T)  
mtext("Predicted Evaluation",side=2,line=2,cex=2.2,outer=T)