Figure 1

4 separate scatterplots of consequential vs causal bias for the 4 verb classes

Data file, read into dataframe aa, has columns for consequential\_bias, causal\_bias and Verb\_Class

plotto=ggplot(data = aa, aes(x = consequential\_bias,y = causal\_bias), colour = "Verb\_Class")

+ geom\_point(size=0.25,colour="blue")+ guides(color=FALSE,alpha=FALSE)

+ labs(title = "Figure 1", x="Consequential Bias",y="Causal Bias")

+ facet\_wrap(~Verb\_Class,ncol=2)

Figure 2

bd is got from reading BiasXvtype.csv, which has verb, class (Vclass) and bias (ConseqBias) for the 305 verbs

bplot= ggplot(data=bd,aes(x=Vclass,y=ConseqBias,fill=Vclass))

+ geom\_point(size=0.4)

+ stat\_summary(fun=mean, geom="point", shape=23, size=4)

+ stat\_summary(fun.data = mean\_se, geom = "errorbar",width=0.25)

+ theme(legend.position='none')

+ labs(title = "Figure 2", x="Verb Class",y="Mean Consequentiality Bias")

+ geom\_hline(yintercept=0)

Figure 3

gdata is got from restructuring Genderfacs.csv into long form. Variable is the combination of participant gender and protagonist gender order. value is consequentiality bias.

gplot= ggplot(data=gdata,aes(x=variable,y=value,fill=variable))

+ geom\_point(size=0.4)

+ stat\_summary(fun=mean, geom="point", shape=23,size=4)

+ stat\_summary(fun.data = mean\_se, geom = "errorbar",width=0.25)

+ theme(legend.position='none')

+ labs(title = "Figure 3", x="Participant Gender x Protagonist Gender Order",y="Mean Consequentiality Bias")

+ geom\_hline(yintercept=0)