con\_stri<-subset(Gun\_Control,Gun\_Laws=="Strict\_Gun\_Laws")

con\_los<-subset(Gun\_Control,Gun\_Laws=="Loose\_Gun\_Laws")

stri.da<-con\_stri$Monetary\_Damage

los.d<-con\_los$Monetary\_Damage

> sd.stri<-sd(stri.da)

> sd.los<-sd(los.d)

mean.stri<-mean(stri.da)

> mean.los<-mean(los.d)

> len\_stri<-length(stri.da)

> len\_los<-length(los.d)

> sd.stri.los<-sqrt(sd.stri^2/len\_stri+sd.los^2/len\_los)

> zeta<-(mean.stri-mean.los)/sd.stri.los

plot(x=seq(from=-5, to=5,by=0.1),y=dnorm(seq(from=-5,to=5,by=0.1),mean=0),type='l',xlab="Damage",ylab="frequency")

barplot(tapply(Gun\_Control$Monetary\_Damage,Gun\_Control$Weather,mean),las=2,col=c("red","green"))

mon<-tapply(con\_stri$Monetary\_Damage,con\_stri$Moon\_Phase,mean)

> lbls<-paste(names(mon))

pie3D(mon,labels = lbls,main='In strict')



> monlos<-tapply(con\_los$Monetary\_Damage,con\_los$Moon\_Phase,mean)

> lbls1<-paste(names(monlos))

> pie3D(monlos,labels=lbls1,main='In loose')