

```

#TRABALHO 4(soluc o)
#
summary(cars)
#
a<-lm(cars[,1]~cars[,2])
#
mean(a$residuals^2)
#
plot(a$residuals,type="l")
#
f<-function(x){a$coeff[[1]]+a$coeff[[2]]*x}
#
plot(f,0,130)
points(cars[,2],cars[,1])
#
#####
#
summary(sqrt(cars[,2]))
#
b<-lm(cars[,1]~sqrt(cars[,2]))
#
mean(b$residuals^2)
#
plot(b$residuals,type="l")
#
g<-function(x){b$coeff[[1]]+b$coeff[[2]]*x}
#
plot(g,0,12)
points(sqrt(cars[,2]),cars[,1])
#
#####
#GRAFICOS JUNTOS
#
layout(matrix(c(1:4),2,2,byrow=TRUE)); layout.show((4));
plot(f,0,150);
points(cars[,2],cars[,1]);
plot(g,0,12);
points(sqrt(cars[,2]),cars[,1]);
plot(a$residuals,type="l");
plot(b$residuals,type="l");
#
#
#

```