

```
library("astsa")
library("fGarch")

plot(sales)
acf(sales)
pacf(sales)
hist

salescuad = sales**2

model1=garchFit(~ garch(1,0), data = sales, trace = FALSE)
model2=garchFit(~ garch(2,0), data = sales, trace = FALSE)
model3=garchFit(~ garch(1,1), data = sales, trace = FALSE)
model4=garchFit(~ garch(2,1), data = sales, trace = FALSE)
model5=garchFit(~ garch(2,2), data = sales, trace = FALSE)

summary(model1)
summary(model2)
summary(model3)
summary(model4)
summary(model5)

View(sales)

#5c

plot(salescuad)
acf(salescuad)
pacf(salescuad)

ar1 <- arima(salescuad,c(1,0,0))
ar1

#5d
hist(salescuad)
```