1. Use the package RcmdrPlugin.IPSUR.

data(RcmdrTestDrive)

and perform the below operations:

1. Calculate the average salary by gender and smoking status.

Ans:

library(RcmdrPlugin.IPSUR)

data(RcmdrTestDrive)

.Table <- xtabs( ~ smoking + gender, data = RcmdrTestDrive)

addmargins(.Table) # Table with marginal distributions

b. Which gender has the highest mean salary?

c. Report the highest mean salary.

d. Compare the spreads for the genders by calculating the standard deviation of salary by gender.