1. Use the package RcmdrPlugin.IPSUR.

data(RcmdrTestDrive)

and perform the below operations:

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

x <- tapply(salary, list(gender = gender), mean)

x

or

by(salary, gender, mean, na.rm = TRUE)

b. Which gender has the highest mean salary?

Male from the above result

c. Report the highest mean salary.

x[which(x == max(x))]

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

y <- tapply (salary, list(gender = gender), sd)

y