1. Use the package RcmdrPlugin.IPSUR.

data(RcmdrTestDrive) and perform the below operations:

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

library(RcmdrPlugin.IPSUR)

data(RcmdrTestDrive)

attach(RcmdrTestDrive)

names(RcmdrTestDrive)

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

x

1. Which gender has the highest mean salary?

We can answer this by looking above.

1. Report the highest mean salary.

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

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

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

y