

Download the data file “finaid.xls” from D2L. Import it into R.

Use R to answer the following questions. You will need to turn in a printout of your work in R, a printout of your plot, and answers for each of the questions listed above.

1. How many variables are in the data set? List them.
2. How many observations are in the data set?
3. What is the maximum value of FINAID?
4. What is the minimum value of PARENT?
5. Find the mean values of both variables.
6. Find the median values of both variables.
7. Find the standard deviations of both variables.
8. Create a plot with PARENT on the horizontal axis and FINAID on the vertical axis.
9. Draw a sample of 20 observations from this sample and find the means and standard deviations for both variables.
10. Repeat #9 by drawing a new subsample.
11. Repeat #9 again by drawing a new subsample.
12. Compare the three subsample means with the population mean (for both variables).