

Excel Assignment 2

Direction: Use Microsoft Excel to answer the following three questions (Excel Instructions are provided in previous assignment)

1.

An Economist was interested in sex differences in the number of books a person reads (**see file: Number of Books**). Two random samples were taken, one of men and the other, and the number of books read during the last month was recorded. Is there a difference with respect to the number of books read by females and males?

2.

An Economist was interested in sex differences in the sociability of teenagers (**see file: Number of Good Friends**). Using the number of good friends as a measure, he compared the sociability of eight female and seven male teenagers. Is there a difference in the average with respect to sociability between teenage females and males?

3.

An Economist was interested in comparing obesity levels among the US states (**see file: obesity**).

Compute:

- a. The mean, standard deviation, minimum and maximum of the two variables and interpret the results.
- b. Find the correlation coefficient and interpret your finding.
- c. is there a difference between the average obesity over the two years. What can you conclude?
- d. is there a difference between the obesity variance over the two years. What can you conclude?