**Descriptive Statistics Assignment, PSYC 2101**

This is a practice assignment. It is not to be turned in. You can check your own work with the solutions that can be found in Canvas, Modules, Unit 1 Assignments.

Download and bring into Excel the statophobia scores from my 2101 class in Spring of 2015: <http://core.ecu.edu/psyc/wuenschk/StatData/Statphobia_Spring15.xlsx> . There are 20 scores in the column labeled “Statoph.” Excel has arranged the scores in order, from highest to lowest, and has computed the square of each score, placing those squared scores in the column labeled “Statoph\*\*2.” In the last row of each column, in red, is the sum of the scores in that column, also computed by Excel.

1. Find the mode – this is the score with the greatest frequency, that is, the score that occurs most often.

2. Find the median – this is the point in the distribution which has half of the scores above it and half below it.

3. Find the mean, which is most conveniently calculated by taking the sum of the scores and dividing by the number of scores.

4. Find the sum of squares, . It is much too tedious to find it as . Use the computational formula, . Record your answer to at least three decimal points.

5. Find the sample variance by dividing the sum of squares by (*N* – 1).

6. Find the sample standard deviation by taking the square root of the sample variance.

Soon you will learn how to do all this, and more, with SPSS.