

**PSY 604: Computer Applications in Psychology**  
**VassarStats for Statistics Assignment (10 points)**  
**Dr. K. A. Korb**  
**DUE: 29 April 2019**

**Submit either online or to pigeonhole in the Department of Educational Foundations**

The same data is used for this assignment as for the previous assignment (Teacher Satisfaction). Note that there are now two Income variables. The original Income variable was entered by letter. The letters have now been re-coded to numbers, with 1 reflecting the lowest salary and 8 reflecting the highest salary. This is now an ordinal variable and can be used for correlations.

Use VassarStats to compute the following.

1. Calculate a t-test comparing the following. Report the t, df, p (3 decimal places) and mean scores for each. Interpret the findings.
  - a) Males to Females on job satisfaction
  - b) Private vs. Government school teachers on job satisfaction
  - c) Private vs. Government school teachers on stress
  
2. Calculate the correlation between the following. Report the correlation (3 decimal places) and the t, df, and p (3 decimal places). Interpret the correlation.
  - a) Income and job satisfaction
  - b) Job satisfaction and social contribution of teaching