ASSIGNMENT 10
ADVANCED METHODS AND ANALYSIS FOR THE LEARNING AND SOCIAL SCIENCES
PROFESSOR RYAN S.J.d. BAKER
POST-HOC
DUE NOON, WEDNESDAY APRIL 18

The goal of this assignment is to conduct post-hoc statistical testing to determine which of a large set of statistical tests can be trusted, using the data in Asgn10-posthoc-data-v1.xlsx

Asgn10-posthoc-data-v1.xlsx has three data sets. Each data set contains several statistical tests which can be considered independent from one another. For each data set, please indicate which of these statistical tests can be considered significant, according to a Bonferroni procedure, and also according to a False Discovery Rate procedure. You may solve this assignment in any software package you wish, including statistical packages, Java software, Excel, and mathematics software.

Please turn in:
- Numerical indicators of statistical significance and an assessment of which tests are significant, according to a Bonferroni procedure
- Numerical indicators of statistical significance and an assessment of which tests are significant, according to a False Discovery Rate procedure
- Show all work; if you do this in a software package of some sort, indicate both the code or commands you used, and the results.

BONUS: This assignment has no bonus.