## STAT J540 --- Fall 2012 Graduate Student Project.

This project is required for graduate students in STAT J540. Undergraduates may do this project for extra credit.

**Description**: For this project, you will come up with a "homework assignment" that you might give if you were teaching the class. The assignment should involve an R or SAS programming problem based on topics we study in this class. You must turn in a careful description of the assignment along with any supplementary materials, data files, or hints necessary to help accomplish the assignment. You must also turn in a complete, correct solution to the assignment, with full explanatory comments for your solution code.

You have a great deal of leeway about what type of assignment you make up, but the best "assignments" will require a bit of creativity in programming, rather than straightforward applications of a simple method we learned. In general, an "assignment" that is very simple and straightforward will not receive as high a grade as one that is creative and a bit challenging (of course, you need to provide a correct solution for your "assignment", so don't make it impossible!). Have fun!

The project will be due on or before Thursday, Dec. 6 by 3 p.m.