STAT 540 --- Fall 2019 Graduate Student Project.

This project is required for graduate students in STAT 540. 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 graded out of a maximum of 10 points. For graduate students, this will represent 5% of your course grade. For undergraduate students, any points earned will be applied as extra credit on your final exam (Test 3) score.

The project will be due on or before Thursday, Dec. 5 by 4 p.m. The code and comments can be uploaded into Blackboard as a plain text (.txt) file as usual. The description and any necessary supplementary materials can be uploaded separately, or if it is not possible to do so, then you can email it to me.