STAT:5400, Computing in Statistics
Fall 2018
Instructor: Cowles
Information on Midterm 2

- Midterm 2 will be given Oct. 26 from 4:30 - 6:20 in 41 Schaeffer hall.

- This midterm will replace class on Fri. Oct. 26 and Fri. Nov. 2.

- The midterm will cover the following topics:

    - simulation studies regarding

        * estimators (bias, variance, mean squared error)
        * confidence intervals (width and coverage)
        * hypothesis tests (size and power)

    - bootstrap (parametric and nonparametric)
    - jackknife
    - root-finding
    - relational database concepts
    - writing R functions
    - timing execution of R code
    - Sweave (You will be required to use Sweave and to submit your .Rnw file and your .pdf file.)

- You may use notes, computer files, on-line resources; in short, anything except other people!