STAT 405-01: Mathematical Statistics I

Problem Set 1

Assigned 2013 August 27
Due 2013 September 3

Show your work on all problems! Be sure to give credit to any collaborators, or outside sources used in solving the problems. Note that if using an outside source to do a calculation, you should use it as a reference for the method, and actually carry out the calculation yourself; it's not sufficient to quote the results of a calculation contained in an outside source.

1 Hogg 1.5.8

2 Hogg 1.6.3

3 Hogg 1.6.9

4 Hogg 1.7.11

5 Hogg 1.7.21

6 Hogg 1.7.22

7 Extra Credit

Go to `http://www.datamind.org/` and follow the interactive R tutorial. (R is a computer language specialized to statistics.)