ST505/697R: Fall 2012. Homework 1. Due: Friday, Sept. 14

GENERAL NOTES ON HOMEWORK.

- Homework **must** be turned in on time, by end of class on day it is due. Plan your time. Do not leave it until the last day.

- Homework must be presented neatly. No torn edges, no scratching out, etc. Sloppy work will be returned and not graded.

- Answers should be presented in a clear and concise fashion using complete sentences, proper grammar, etc.

- While some discussion among students is permissible, and in fact encouraged, in doing the homework, you should work independently in doing the final work and write up.

Required (to be handed in): Number indicate problems/exercises from the text

1. 1.4

2. 1.5

3. 1.7

4. 1.8

5. 1.30

6. 1.31

7. Using either SAS or R read in the data on airfreight breakage in problem 1.21, print a listing of it, plot y versus x and run a simple linear regression. Example programs are posted to do this and will be gone over in class on Monday, Sept. 10. Include a copy of your code. You can get the data from the CD with your book or through the web site.

    Other suggested problems. Not to be handed in, but ones you should look over for reinforcement of important ideas: Problems 1.2, 1.6, 1.9, 1.11, 1.12,1.13, 1.16, 1.29