ST640: Homework 7
Due: Thursday, April 20, at the beginning of class.

Read Chapter 12. Start reading Chapter 13.

1. Problem 12.1 in Hocking, page 428. Part a only.

2. Problem 12.6 in Hocking, page 429-430.
   - Use a statistical package to carry out the required analyses.
     Note: If you want to use SAS and are unfamiliar with it, I recommend that you do the
     tutorial in SAS and/or type in and run the programs in the SAS introductory handout
     that I’ve made available on the ST640 webpage.
   - Replace part c with: construct 95% confidence intervals for all pairwise differences using
     Bonferroni, Scheffe and Tukey procedures.
   - Skip part d.
   - For part g: construct Scheffe intervals only.

3. Problem 12.8 in Hocking, page 430.

4. Problem 1 from the second midterm. Give the answer for part b in terms of the data given
   in the problem (so ignore the part of the problem that is in parentheses).