To do before class meets on Fri., May 1:

- **Read** Section 8.2 from the Lock5 text. You should read with an eye to the thinking behind pairwise comparisons, but not worry about the actual use of formulas (like those on p. 514), as the `TukeyHSD()` command does these for us.

- Work through the Skill Builder questions in the Exercises of Section 8.2.

To do before class meets on Mon., May 4:

- **Read** Section 9.1.

- Work through the Skill Builder questions 9.1–9.10 of Section 9.1.

To do before class meets on Wed., May 6:

- **Read** Section 9.2. While there are formulas here you do not need to worry about, be sure to read about the **coefficient of determination**, its relationship to **correlation** and various **sum-of-squares** found in an ANOVA table, and what it tells us.

- Try the Skill Builder questions 9.28–9.35 in Section 9.2.

Exercises to do for Wed., May 6 (those colored **red** (also underlined) should be written up and submitted at the start of class on that day):

- from the Exercises for Section 8.2: Do Problems 38, 45 (use the `TukeyHSD()` command), 46 (use the `TukeyHSD()` and RStudio data set), and 47 (use the `TukeyHSD()` and data set LightatNight).

- from the Exercises for Section 9.1: Do Problems 15, 16, 17, 18, 20, 21, 22, 23, and 25.

- from the Exercises for Section 9.2: Do Problems 40, 42, 43, 45, and 50 (a) and (b).