MATH 145: Biostatistics
Assignment #5

To do before class meets on Thurs., Feb. 12:

- **Read** Section 2.2 from the Lock5 text. As you read, see if you can use RStudio to produce plots like Figures 2.6–2.8 and Figure 2.10 (a).

- Try the Skill Builder questions in the Exercises (Numbers 32–50) for Section 2.2 (pp. 70-71). Answers to odd-numbered ones are in the back of the text.

To do before class meets on Fri., Feb. 13:

- **Read** Section 2.3 from the Lock5 text. Be able to describe the various measures of spread mentioned—how they are calculated, and relevant considerations (pp. 82-83?) when choosing one to use as you describe a distribution.

- Try the Skill Builder questions in the Exercises (Numbers 67–94) for Section 2.3 (pp. 83-85).

Exercises to do for Mon., Feb. 16 (those colored red (also underlined) should be written up—use for R Markdown practice?—and submitted at the start of class on that day):

- from the Exercises for Section 2.1: Do Problems 13, 15, 16, 17 parts (a)-(c), 18, 19, 20, 23, 25, 27, and 30.

- from the Exercises for Section 2.2: Do Problems 51, 55, 57, 59, 60, and 63.

- from the Exercises for Section 2.3: Do Problems 72, 74, 76, 82, 98(a), and 103 parts (a), (c) and (d).