

Assignment for Wednesday, February 15

Before class, do the following:

1. Review the notes on ECDFs I posted under February 13 on the course webpage. Complete the review exercises scattered throughout. I have updated these notes since distributing a version in class, so make sure you have the latest version.
2. Complete Computing Assignment 5.
3. Begin to think about Writing Assignment 1. This assignment requires you to do the following: (1) make a simple, unexpected observation and an associated graph (e.g., density plot, histogram, or line plot of mean or SD) based on the **state-legislators** data set, (2) develop a model or theory that explains that observation, and (3) discuss several additional implications of your model. With an eye toward this assignment, I've asked you to make observations about the **state-legislators** data as part of the computing assignments. You should refer back to these ideas. Come to class with two interesting observations. The simpler the observations, the better. The more unusual or unexpected the observations, the better.
4. Read chapter 6 of FPP and complete the assigned exercises.
5. Complete the survey posted under February 15 on the course webpage.
6. Complete the leadership extremity exercise (that we began in class) available on the course webpage under February 15.
7. Continue to prepare for Exam 1 on February 22. The exam covers the readings (FPP, chs. 1-6, *Foundation*, as well as my notes), lectures, review exercises, and computing assignments. I recommend starting your preparation by making sure you have completed and understand the review exercises from FPP (and read the chapters). If you feel comfortable with the readings and exercises in the textbook, then make sure you understand the computing assignments and the exercises distributed throughout the notes. On Monday, February 20, we'll have a review that revolves around your questions, so make sure you come prepared.
8. Begin finishing *Foundation*. Continue thinking about the relevant questions from the "Discussion Questions for *Foundation*" available on the course webpage. The book will be covered on Exam 1 on February 22.