Recommended Readings for Econ 103

August 21, 2014

All sections refer to *Introductory Statistics for Business and Economics* by Wonnacott & Wonnacott, 4th Edition. Please note that you are *not* responsible for any material in the book that is not covered in lectures, but you *are* responsible for material from lectures even if it isn't covered in the book.

Lecture 1   1-1, 1-2, and 1-3

Lecture 2   2-1, 2-2, 2-3, and Appendix 2-2

Lecture 3   2-5, 2-7 and Appendix 2-5

Lecture 4   11.1, 11.2, Appendices to 11.1 and 11.2, 15.1 A and B, 15.2 A

Lecture 5   3-1, 3-2, 3-3

Lecture 6   3-3, 3-4

Lecture 7   3-5, 3-6

Lecture 8   4-1, 4-2

Lecture 9   4-2, 4-3, 4-6 and Appendix 4-3

Lecture 10   5-1, 5-2, 5-3, and Appendix 5-3

Lecture 11   5-4, Appendix 5-4, 4-4, and Appendix 4-4

Lecture 12   4-5

Lecture 13   None

Lecture 14   6-1, 6-2, and 7-1

Lecture 15   7-2, 7-3, and 7-4

Lecture 16   8-1

Lecture 17   8-2

Lecture 18   8-3, 6-3, 6-4 (omit section B), 8-5 (omit section B)

Lecture 19   8-4

Lectures 20–23   My treatment of hypothesis testing is somewhat different from what's in the book, but there is some overlap: the relevant sections are 9-1, 9-2, Appendix to 9-2, 9-3, 9-4, 9-5, and 9-6

Lectures 24–25   In our final two lectures, we'll revisit linear regression using the new tools we've learned since Lecture 4. Make sure to review the material from Lecture 4 before coming to Lecture 24. As with hypothesis testing, my treatment of this material diverges somewhat from the book, but the relevent sections are 12-1, 12-2, 13-1, 13-2, 13-3, 13-4, and 14-1. In section 12.2, don't worry too much about the formula for the standard error since I won't ever ask you to calculate this by hand (we'll use R). I just want you to understand the basic intuition about why and how the regression slope has a sampling distribution. Similarly, don't worry about Equations 13-4 through 13-8 in section 13.2. We'll always use R to carry out the calculations.