

# Readings and Suggested Problems from the Text

## Week 5: February 24 to 28

Always read the upcoming sections before class, and reread them after the lecture.

### for Monday, February 24

Sections 10.4 and 10.5 on pages 169 to 175. These sections, especially section 10.4, require careful and repeated reading. The concepts are subtle and require some effort to understand. Our text is the unique and primary resource here.

Look at problems 1, 2, and 3 in Exercise Set E on page 175.

Look at Review Problems 4, 6, and 10 on pages 178 to 180. **Pay careful attention to problem 10.**

Look at Review Problems 7 and 12 on pages 199 and 201.

The ideas of regression effect and regression fallacy are exemplified in problems 1 to 3 on page 175, and in problems 4 (c) and 10 on pages 177 and 178. Pay careful attention to them.

### for Wednesday, February 26

Chapter 11: pages 180 to 197 (light reading of 11.3)

Look at problem 7 in Exercise Set A on page 184.

Look at problems 1 to 3 in Exercise Set B on page 187.

A challenging problem is problem 7 in Exercise Set D on page 195.

Look at problems 1 to 3 in Exercise Set E on pages 197 and 198. (These are somewhat challenging.)

Look at Review Problems 1, 3, 4, 5(optional), 7, and 12 on pages 198, 199, and 201.

**Important** (on pages 198,199, and 201): **problems 4 (a) 7 and 12.**

### for Friday, February 28 (in Chapter 6)

Chapter 6: pages 97 to 104. Of medium importance. This chapter will give you an insight into the main theme of the entire course: chance error.

Look at Review Problems 1 and 4 on page 104.

### for Friday, February 28 (in Chapter 7)

Chapter 7: pages 110 to 116. A general review of straight lines: their equations and their graphs.

Look at all problems in Exercise Sets A to E. They constitute a useful review.

### for Friday, February 28 (in Chapter 12.1)

Section 12.1 on pages 202 to 205. The methods of the text starting at the Solution to Part (a) and continuing to page 207 might be confusing. See my definition sheets for a much better way to solve this problem. **(Avoid the bottom half of page 205 and page 206.)**

Look at problem 3 in Exercise Set A on page 207.

Look at Review Problems 1, 2, 5, 7, and 8 on pages 213 to 218. (The key problem for this section is Review Problem 1.)