

Part I

Design of Experiments

Chapter 1: Controlled Experiments

Light treatment of this chapter. All points in the summary (pages 10–11) are useful.

Chapter 2: Observational Studies

Light treatment of this chapter. Skip section 4. An important idea is in the last paragraph of page 12, continued onto page 13.

Section 2.5 on confounding is rather interesting.

All points in the summary (pages 27–28) are useful.

Suggested problems for study:

A: pages 20,22,23: 1, 8, 14, 15. Review Exercises: pages 24–26: 1a, 2c, 4, 7, 8, 12.

Nice Problems: problems 4 and 8 on pages 25 and 26.

Comments on Nice Problems:

Problem 4b on page 25 is a fascinating problem that gets to the heart of chapter 2.1 to 2.3.

How do you explain this? Keep smoking?

Problem 8 on page 26 is also a good example of statistics we see in everyday life. Is this a good argument?