Exam 1 Study Guide

Topics

- 1. Types of Questions
- 2. Models as Speculations
- 3. Basics of R
- 4. Loading Data into R
- 5. Causal Inference
 - a. Describe the four ways to get a correlation. Explain how randomization rules out two of the four possibilities.
- 6. Histograms (in R)
- 7. Average and SD (in R)
- 8. Normal Approximation
- 9. Measurement (ch. 6)

Exam will be about 50 questions, so expect about 5 questions from each set of notes/chapter. Longer, more detailed sections (e.g., histograms in R) might have more questions while shorter sections (e.g., models) might have fewer.