• Instructor:

Feng-Chang Lin  
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• Office hours: Thursday, 2 pm to 3 pm, Room 3101A, McGavran-Greenberg Hall.

• Lectures:

Tuesday and Thursday, 12:30 pm to 1:45 pm, Room 1305, McGavran-Greenberg Hall.

• Class rescheduled: No class on 1/16; moved to 1/24 (1:30 pm, the same room).

• Grading scheme:

1. Midterm exam 1 (worth 15%)
2. Midterm exam 2 (worth 15%)
3. Final exam (worth 50%)
4. Homework (worth 20%)

• Required text:


• Optional texts:


• Other course materials:

To be distributed in class or posted on the class website (Sakai).

• Course prerequisite:

A grade of L or better in Biostatistics 660, or permission of the instructor.

• Plan:
The plan is to cover roughly chapters 5-10 of Casella & Berger (C&B), plus linear and logistic regression from chapters 11 and 12. Not all the material in C&B will be covered; some of the less essential sections will be skipped due to time constraints.

- Schedule:
  1. Preliminaries: 1 lecture
  2. Chapter 5, Random Samples, 4 lectures
  3. Chapter 6, Data Reduction, 4 lectures
  4. Chapter 7, Point Estimation, 4 lectures
  5. Chapter 8, Hypothesis Testing, 4 lectures
  6. Chapter 9, Intervals, 4 lectures
  7. Chapter 10, Large Samples and Likelihood-based methods, 4 lectures
  8. Chapter 11, Linear Regression, 1 lecture
  9. Chapter 12, Logistic Regression, 1 lecture