

STAT 350
Summer Term 2008
Coverage of Second Midterm

Lectures: Any material covered in lectures.

Assignments: Any material covered in assignments 1, 2, 3 or 4.

Text:

- Chapter 1:
 - All but discussion of MLE in 1.8
- Chapter 2:
 - Sections 2.1, 2.2, 2.4, 2.7, 2.8, 2.9, 2.10, 2.11 up to “Inferences on Correlation Coefficients”.
- Chapter 3
- Chapter 4
 - Sections 4.1 and 4.4.
- Chapter 5
 - All.
- Chapter 6
 - All except for the part of 6.7 beginning “Confidence Region for Regression Surface”.
- Chapter 7
 - Sections 7.1, 7.2, 7.3, 7.6
- Chapter 8
 - All
- Chapter 10
 - All
- Chapters 15 through 24. The following items are omitted:
 - Simultaneous confidence intervals. (Tukey, Scheffé, etc. as in 17.5 and 17.6)

- Randomized Complete Block Analysis (chapter 21)..
- Power calculations (like 16.10).
- Sample size calculations (also as in 16.10).
- Hartley test of homoscedasticity.
- Weighted least squares (as in 18.4).
- Transformations of Response variables (as in 18.5).
- Non parametric tests (as in 18.7)
- Transformable Interactions (see p 826).
- Kimball inequality (see p 846).
- Tukey test for additivity (20.2)

Midterm is Monday 14 July 2008 at 0930 in AQ3153. It is open book. You may bring notes and calculators as well as the text and other books. You may not use electronic devices capable of communication with other people.