STAT 579   Topics in Linear Models   Spring, 2016

Professor: Ronald Christensen

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Phone: They removed it in a pseudo budget cut.

Office Hours: T, Th, 12:30-1:45 and by appointment.

Text: Christensen, *Plane Answers to Complex Questions: The Theory of Linear Models (PA).*

Prerequisites: Stat 540, particularly the matrix approach to regression.

Material: We will cover material from PA but at a lower level of mathematical sophistication than is applied in Stat 546. The focus will be on matrix manipulations of models rather than proving theoretical results. We will examine material from Chapters 4 through 9, and Chapters 13 through 15. (Although if only people from Stat 546 sign up for the class [I just checked the enrollment], I won't worry so much about keeping the math level low enough for a 540 student.)

Homework: Homework will be assigned but not graded. You are encouraged to form groups to work together on homework to solidify your knowledge of the material.

Grading: There will be quizzes. **You are required to keep legible copies of all work,** except in-class examinations.

Time: T, Th, 2:00 – 3:15

Place: SMLC 352