STAT 434/534   Categorical Data Analysis   Fall 2022

Professor: Ronald Christensen

Office: SMLC 304

e-mail: fletcher@stat.unm.edu

web: www.stat.unm.edu/~fletcher   (Click on course title under "teaching.")

Phone: They removed it in a pseudo budget cut.

Office Hours: T, Th, 12:30-1:30 and by appointment (depending on Covid).

Class Time: T, Th, 11:00-12:15

Location: T on Zoom, Th in SMLC 352

Prerequisites: Stat 345 and Stat 427/527.

Text: Christensen, *Analysis of Variance, Design, and Regression: Linear Modeling for Unbalanced Data*, Second Edition. We will cover Chapters 1, 5, 20, 21.

Supplemental Text: Christensen, *Log-Linear Models and Logistic Regression*, Second Edition. (You need not purchase this.)

Material: After covering the material from the text, we will go over online notes based on the supplemental text.

Supplemental Material: Computer commands associated with the text, Rcode. Notes associated with the supplemental text, Part 1, Part 2.

Grading: Grading will be based on some combination of quizzes, exams, and homework. Grading for graduate students and undergraduates will be separate. **You are required to keep legible copies of all work,** except in-class examinations.

In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the Department of Education (see pg 15 http://www2.ed.gov/about/offices/list/ocr/docs/qa-201404-title-ix.pdf). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity (oeo.unm.edu). For more information on the campus policy regarding sexual misconduct, see:
https://policy.unm.edu/university-policies/2000/2740.html