Statistics 545: "GENERALIZED LINEAR MODELS & CATEGORICAL DATA ANALYSIS"


Time & Location: Mon., Wed., & Fri., 13:00-13:50 in Keck 105


Instructor: Dennis D. Cox

Description: The course is devoted to the theory and methodology of categorical data analysis with an introduction to Generalized Linear Models. There will be analyses of real data sets using R. We plan to cover Chapters 1-11 and 16 of the text, time permitting.

Prerequisites: Stat 410 or 615, and 518-519, or permission of Instructor.

CONTACT INFORMATION:

Dennis Cox
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Office Hours:
  Monday 14:00-15:00,
  Tuesday 13:00-14:00,
  and by appointment.

Mingrui Liang (TA - grader)
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office: DH2090.
Office hours: By Appointment.

Grading:
50% Homework: Approximately weekly homeworks of about 5 problems.
30% Midterm: One hour in class exam, Fri. Nov. 9.
20% Term Project: due Wed. Dec. 12; the project proposal is due Fri. Oct. 19.

Links
1. Website for the book (Contains solutions, software, datasets, corrections, etc.)
2. Homeworks
3. Handout (PDF) on the multinomial distribution to be discussed in class on Aug. 22

Any student with a disability requiring accommodations in this course is encouraged to
contact Dr. Cox after class or during office hours. Additionally, students should contact Disability Support Services in the Ley Student Center.

Send problems or suggestions to dcox@stat.rice.edu