STAT 770: Categorical Data Analysis

Fall 2013

- Lecture: 11:40-12:55 in LeConte College 210A.

- Instructor: Dr. Tim Hanson.
  Office: LeConte 219C, phone: (803) 777-3859, e-mail: hansont@stat.sc.edu.
  Office hours: Tuesday and Thursday 10:30–11:30.

- Prerequisites: STAT 704 and consent of instructor, or BIOS 759.

- Course description:
  We will cover a good portion of *Categorical Data Analysis* (Third Edition) by Alan Agresti. If time permits, we will cover additional topics including generalized additive mixed models and Bayesian approaches.

- Instructional method: Lecture notes based on the text will be posted the evening before the lecture. You may want to scale several to a page, print them out, and read them ahead of time. We will go over the notes carefully in class, including SAS examples.

- Evaluation and grading:
  There will be about 7–8 homework assignments, comprised of a mix of applied and theoretical problems from the text.
  Please include only relevant output from statistical packages when writing up your homeworks. You are encouraged to discuss homework problems with other students but are expected to write them up independently.
  Sample SAS code for fitting models, as well as many of the data sets used in the book can be found at http://www.stat.ufl.edu/~aa/cda/cda.html. There are also answers to many of the odd numbered problems here.