
Introduction to class

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BMTRY 711: Analysis of Categorical Data Spring 2011

Division of Biostatistics and Epidemiology

Medical University of South Carolina

Course Objectives

- Learn the theory and application of modern categorical data analysis methodology
- Enhance presentation skills by presenting results to selected homework sets
- Enhance written communication skills
- Ask, seek and answer questions

My Expectations of You

- Be on time to class
- Participate in class discussions
- It is recommended to complete homework assignments using an electronic editor (Word, Latex) especially data analysis, mathematical derivations can be hand written.
- The results of the homework should be communicated so that a person knowledgeable in the methodology could reproduce your results.
- Do NOT turn in raw SAS output.
- There is room for discussion of homework problems, but do not COLLUDE

Class schedule

- Time: Monday and Wednesday 1.00 PM - 2.30 PM
- Place: Cannon Place, Room 301 (DBE Classroom)

Course Materials

- Text 1 - Agresti, Alan. Categorical Data Analysis, Second Edition (2002)(Required text)
- Text 2 - Kleinbaum and Klein. Logistic Regression: a self-learning text, Second Edition (2002). (Recommended text)
- Website -

<http://people.musc.edu/~bandyopd/bmtry711.11.html>

Course materials, office hours and most importantly lecture notes and homework assignments.

Grading Policy

- Homework sets and class participation (30% total)
- Two midterm exams (20% each)
- Final exam (30%)

Using Latex

- Latex is the document preparation software of mathematics
- Typesetting equations, tables and incorporating **selected** computer output is easily accomplished using latex
- Learning Latex is as easy as a quick Google Search
- You need to install the necessary softwares:
 1. MikTeX (contains the latex engine)
 2. Ghostview and GhostScript (only needed for legacy support and viewing DVI files)
 3. WinEdt (text editor to help writing latex)