University of California, Davis  
Department of Statistics  
Fall 2016

STA 138  
Categorical Data Analysis

Lecture: MWF 12:10-1:00am, 1227 Haring  
Discussions: M 9:00-9:50am, Young 184 / T 2:10-3:00pm, Wellman 230

Instructor: Rahman Azari  
Office Hours: MWF 4:10pm-5:00pm, or by appointment  
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Teaching Assistant: Yang Zhou  
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Text: Categorical Data Analysis, (Third Edition) by Alan Agresti

Materials to be covered:

Introduction  
Contingency Tables  
Loglinear Models for Contingency Tables  
Chapter 1  
Chapter 2  
Chapter 3  
Chapter 9

PROJECT I  
Friday, October 28

Logistic Regression  
Chapter 5

MIDTERM  
Friday, November 4

Building and Applying Logistic Regression Models  
Chapter 6

PROJECT II  
Friday, November 25

Poisson Regression  
Negative Binomial Regression  
Generalized Linear Models  
Models for Multinomial Responses  
Chapter 4  
Chapter 8

FINAL EXAM  
Wednesday, December 7 6:00-8:00pm

Homework: Homework problems will be assigned on a weekly basis.  
Late homework will not be accepted.

Midterm: There will be one midterm examination and two projects.  
No make up exam will be given.

Final Project: There will be a final project for data analysis and presentation of results.  
The final project will be collected with the final exam on Wednesday, December 7.

Grading:  
HOMEWORK 15%  
PROJECTS I, II 10% each  
MIDTERM 25%  
FINAL AND FINAL PROJECT 40%