
PSC 200
Applied Data Analysis

Spring 2015
11:50-12:40 MWF
Goergen 109

Professor:
Kevin A. Clarke
Harkness 317
Office Hours: Tues, 3:00-4:30
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PURPOSE

This course introduces students to data analysis, statistical inference, and research design relevant to political science research. Topics include variable measurement, descriptive statistics, confidence intervals, hypothesis tests, correlation, and regression analysis.

PREREQUISITES

Working knowledge of high school algebra is the only course prerequisite. Note that this course fulfills the Political Science department's techniques of analysis requirement.

COURSE REQUIREMENTS

Evaluation is based on problem sets (25% of your grade) and three midterm exams (25% of your grade each). The exams are given as scheduled and are not given early | make any travel plans accordingly. You must take all three exams to pass the course.

The lowest homework grade will be dropped when calculating the final course grade to allow for illness or other such unforeseen events. That said, you are strongly encouraged to complete ALL homework assignments. Students must deliver their homework in hardcopy to the TA. Late assignments will be penalized one half-grade (e.g., B to B-) for each day they are late. Homeworks more than seven days late will receive a grade of zero. Finally, while you are encouraged to study together and to learn the software together, all assignments are to be completed individually.

A web page for this course is to be found here:

<http://www.rochester.edu/College/PSC/clarke/200/200.html>

April 13-15: Multivariate Relationships

Agresti & Finlay, chapter 10

April 20-22: Multiple Regression

Agresti & Finlay, chapter 11

April 27: Review

None

April 29: Exam 3 | no exceptions.

None