

Applied Nonparametric Statistics Spring 2015

Lecture: Monday, Wednesday 2:00 – 3:15, OSB 215

Instructor: Eric Chicken, OSB 210 A

Office hours: Monday, 3:15 – 4:15; Friday 9:00 – 10:00

Teaching Assistant: TBD

Office hours: TBD

Text: *Nonparametric Statistical Methods (3rd edition)*, Hollander, Wolfe and Me, 2015.

Goal of Course: Students will be able to determine which nonparametric techniques are applicable in various situations; appreciate advantages of nonparametric statistics over parametric methods; become familiar with the use of software that applies nonparametric methods.

Course topics: The material covered may include, but is not limited to,

- Dichotomous data
- Location and scale, one- and two-sample
- Location, more than two samples, one and two factors
- Independence
- Nonparametric regression and smoothing

Exams: There will be four equally weighted exams.

Homework: There will be regular homework assignments. Homework will not be collected. These assignments will reinforce lecture and prepare you for the exams.

Course Website: <http://campus.fsu.edu>

Grades: Your course grade is based on the exams. Final grades are assigned based on your performance on these exams. Your grades are maintained on Blackboard. There will be no extra work available to enhance your grade, so put in the appropriate effort on the assigned homework.

Software: I will use R in the classroom. No familiarity with this package is necessary. Instructions on its use and how to obtain it will be provided in class.

Academic Honor Policy: The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to "... be honest and truthful and ... [to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at <http://dof.fsu.edu/honorpolicy.htm>.)

Americans with Disabilities Act: Students with disabilities needing academic accommodation should:

- (1) register with and provide documentation to the Student Disability Resource Center; and
- (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center
874 Traditions Way
108 Student Services Building
Florida State University
Tallahassee, FL 32306-4167
(850) 644-9566 (voice)
(850) 644-8504 (TDD)
sdrc@admin.fsu.edu
<http://www.disabilitycenter.fsu.edu/>