

Applied Nonparametric Statistics Fall 2022

Lecture: Tuesday, Thursday 11:35 – 12:50, OSB 204

Instructor: Eric Chicken, OSB 427
Office hours: TBA

Teaching Assistant: TBA
Office hours: Tuesday, 11:30 – 12:30; Wednesday, 12:30 – 1:30; Thursday, 3:30 – 4:30

Text: *Nonparametric Statistical Methods (3rd edition)*, Hollander, Wolfe and Me, 2014.

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
- Regression and smoothing

Exams: There will be four equally weighted exams.

Homework: There will be regular homework assignments. These assignments will reinforce lecture and prepare you for the exams. Homework will not be collected and is not a part of the final grade.

Course Website: Canvas

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 Canvas by the TA. 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 \mathbb{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.

Class Compartment: Attendance is not part of your grade, but students who attend class must be attentive and courteous to others in the classroom. Do not use cell phones or laptops during class. Do not read non-course material during class. Do not grade or work on homework during class. If you attend class, do not come late, leave early, or get up and exit class for a period of time. See me if there are specific issues with this.

University Attendance Policy

Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid written excuse. Consideration will also be given to students whose dependent children experience serious illness.

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://fda.fsu.edu/Academics/Academic-Honor-Policy>)

Academic Success

Your academic success is a top priority for Florida State University. University resources to help you succeed include tutoring centers, computer labs, counseling and health services, and services for designated groups, such as veterans and students with disabilities. The following information is not exhaustive, so please check with your advisor or the Department of Student Support and Transitions to learn more.

Americans With Disabilities Act

Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Office of Accessibility Services; and (2) request a letter from the Office of Accessibility Services to be sent to the instructor indicating the need for accommodation and what type; and (3) meet (in person, via phone, email, skype, zoom, etc...) with each instructor to whom a letter of accommodation was sent to review approved accommodations. This syllabus and other class materials are available in alternative format upon request. For the latest version of this statement and more information about services available to FSU students with disabilities, contact the:

Office of Accessibility Services
874 Traditions Way
108 Student Services Building
Florida State University Tallahassee, FL 32306-4167
(850) 644-9566 (voice)
(850) 644-8504 (TDD)
oas@fsu.edu
<https://dsst.fsu.edu/oas>

Confidential campus resources

Various centers and programs are available to assist students with navigating stressors that might impact academic success. These include the following:

Victim Advocate Program University Center A, Room 4100, (850) 644-7161, Available 24/7/365, Office Hours: M-F 8-5 https://dsst.fsu.edu/vap	Counseling & Psychological Services Askew Student Life Center, 2ndFloor, 942 Learning Way (850) 644-8255 https://counseling.fsu.edu/	University Health Services Health and Wellness Center (850) 644-6230 https://uhs.fsu.edu/
--	---	---