Contact information

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About this course

Lecture: MWF 12:05pm-12:55pm, Gilman 1652
Course URL: https://bb.its.iastate.edu/
Prerequisites: STAT 510, STAT 542
Textbook: Notes will be provided on Canvas
Computing: R and/or Matlab software will be used for this course.
Final Exam Calendar: http://www.registrar.iastate.edu/students/exams/fallexams

Description: (3-0) Cr. 3. Alt. F., offered even-numbered years.
Prereq: STAT 510, STAT 542
Overview of parametric versus nonparametric methods of inference; introduction to rank-based tests and/or nonparametric smoothing methods for estimating density and regression functions; smoothing parameter selection; applications to semiparametric models and goodness-of-fit tests of a parametric model.

Homework: 4 to 5 Homework assignments will be posted on the Canvas course website. Discussion with friends and classmates is strongly encouraged, yet the final assignment you submit must be your own. Copying solutions from others is not a good way to learn and will not be tolerated. No late homework will be accepted. Solutions will be posted on the Canvas course website soon after the due dates. There will be also a project presentation about a certain topic which will be discussed in class. Homeworks must be submitted through Canvas.

Examinations: The final will be on Tuesday December 14, 2021. This exam will be oral. Final exams CANNOT be taken early! For the final, students will meet for 15 min in 2419 Snedecor (or online) and be questioned about the material.

Grading: Your grade for the course will be determined by the homework assignments (30%), project (15%) and the final exam (55%). Students are guaranteed to receive the letter grade based on the scales shown below. However, the instructor reserves the right to modify the grading scale to improve the letter grade if warranted by circumstances (e.g. unusual high level of difficulty of problem sets).

- 92% -100%  A
- 89%-91%  A-
- 85%-88%  B+
- 80%-84%  B
- 75%-79%    B-
- 70%-74%    C+
- 65%-69%    C
- 60%-64%    C-
- 55%-59%    D+
- 50%-54%    D
- 45%-49%    D-
- < 45%    F

**Academic Dishonesty**
The class will follow Iowa State University’s policy on academic dishonesty. Anyone suspected of academic dishonesty will be reported to the Dean of Students Office.
http://www.dso.iastate.edu/ja/academic/misconduct.html

**Disability Accommodation**
Iowa State University complies with the Americans with Disabilities Act and Sect 504 of the Rehabilitation Act. If you have a disability and anticipate needing accommodations in this course, please contact (instructor name) to set up a meeting within the first two weeks of the semester or as soon as you become aware of your need. Before meeting with (instructor name), you will need to obtain a SAAR form with recommendations for accommodations from the Disability Resources Office, located in Room 1076 on the main floor of the Student Services Building. Their telephone number is 515-294-7220 or email disabilityresources@iastate.edu. Retroactive requests for accommodations will not be honored.

**Prep (Dead) Week**
This class follows the Iowa State University Dead Week policy as noted in section 10.6.4 of the Faculty Handbook http://www.provost.iastate.edu/resources/faculty-handbook.

**Harassment and Discrimination**
Iowa State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon race, ethnicity, sex (including sexual assault), pregnancy, color, religion, national origin, physical or mental disability, age, marital status, sexual orientation, gender identity, genetic information, or status as a U.S. veteran. Any student who has concerns about such behavior should contact his/her instructor, Student Assistance at 515-294-1020 or email dso-sas@iastate.edu, or the Office of Equal Opportunity and Compliance at 515-294-7612.

**Free Expression**
Iowa State University supports and upholds the First Amendment protection of freedom of speech and the principle of academic freedom in order to foster a learning environment where open inquiry and the vigorous debate of a diversity of ideas are encouraged. Students will not be penalized for the content or viewpoints of their speech as long as student expression in a class context is germane to the subject matter of the class and conveyed in an appropriate manner.

**Religious Accommodation**
If an academic or work requirement conflicts with your religious practices and/or observances, you may request reasonable accommodations. Your request must be in writing, and your instructor or supervisor will review the request. You or your instructor may also seek assistance from the Dean of Students Office or the Office of Equal Opportunity and Compliance.
**Contact Information**
If you are experiencing, or have experienced, a problem with any of the above issues, email academicissues@iastate.edu.

**Accessibility Statement**
Iowa State University is committed to assuring that all educational activities are free from discrimination and harassment based on disability status. Students requesting accommodations for a documented disability are required to work directly with staff in Student Accessibility Services (SAS) to establish eligibility and learn about related processes before accommodations will be identified. After eligibility is established, SAS staff will create and issue a Notification Letter for each course listing approved reasonable accommodations. This document will be made available to the student and instructor either electronically or in hard-copy every semester. Students and instructors are encouraged to review contents of the Notification Letters as early in the semester as possible to identify a specific, timely plan to deliver/receive the indicated accommodations. Reasonable accommodations are not retroactive in nature and are not intended to be an unfair advantage. Additional information or assistance is available online at www.sas.dso.iastate.edu, by contacting SAS staff by email at accessibility@iastate.edu, or by calling 515-294-7220. Student Accessibility Services is a unit in the Dean of Students Office located at 1076 Student Services Building.