

Categorical Data Analysis

- Instructor:

Professor Duan
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Office Hour: TBA

- TA:

Arek Abnousi-Kesiz

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Office Hour:
TBA

- Lecture Format:

The course will be delivered **face-to-face** in the classroom.

- Required Textbook:

An Introduction to Categorical Data Analysis, 3rd Edition

Author: A. Agresti

ISBN-13: 9781119405269

- Objective:

This course will cover a wide range of analysis techniques used when dealing with categorical data. Course content includes description and inference for binomial and multinomial observations using proportions and odds ratios; multiway contingency tables; generalized linear models for discrete data; logistic regression for binary responses; multi-category logit models for nominal and ordinal responses; inference for matched pairs and correlated clustered data; loglinear models.

- Grading and exams:

The total score grade consists of:

Percentage	Source	Date
40%	Homework	Due every two weeks (posted on Canvas)
30%	First Exam	Oct 6th
30%	Second Exam	Dec 8th

Note: if there's any disagreement on the score you get for homework / exam, you have *one week of time to appeal* to the instructor after getting your exams back.

The letter grade is tentatively planned as the 10-point scale (90% for an A, 80% for a B, ...), subject to change depending on the final score distribution.

Information on current University of Florida grading policies for assigning grade points is given at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

- Homework:

No late homework will be accepted, except for medical reason with the doctor's note.

- Students with Disabilities:

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

- Online Course Evaluation Process:

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these evaluations are available to students at <https://evaluations.ufl.edu/results/>.