

## STOR 665: APPLIED STATISTICS II, SPRING 2023

### Course Information

Lecture: MW 1:25pm -2:40pm, Hanes 130  
Required Textbook: *Generalized Linear Models*, by McCullagh and Nelder, 2nd edition.  
Optional Textbook: *Extending the linear model with R*, by Faraway, 2nd edition.

### Instructor

Instructor: Yao Li  
Office: Hanes 334  
Email: yaoli@email.unc.edu  
Office Hours: W 3:00pm - 4:00pm; by appointment.  
Website: <https://liyao880.github.io/yaoli/>  
Course Website: <https://liyao880.github.io/stor665/>

### Teaching Assistant

Name: Younghoon Kim  
Office: B-4 Hanes  
Email: yhkim0225@unc.edu  
Office Hours: TTH 11:00am - 12:00pm.

### Important Dates

Midterm Thursday, March 6. No Make-up.  
Final (cumulative) see the published university schedule.

### Topics

- Generalized Linear Models
- Machine Learning
- Deep Learning

### Homework

- Biweekly homework will be assigned and will be collected in Sakai.
- All homework should be prepared in  $\LaTeX$ .
- Late homework will receive a grade of 0.
- You are allowed to work with other students but homework should be in your own words.
- You are encouraged to meet me in my office hours for help on the homework problems after you have tried to solve the problems on your own.
- Questions regarding HW grade should be addressed to the grader.

### Grading

Homework	Midterm	Final	Total
30%	30%	40%	100%

## **Notes**

The Instructor reserves the right to make any changes she considers academically advisable. It is your responsibility to attend classes and keep track of the proceedings.

## **Attendance**

Regular class attendance is a student obligation, and a student is responsible for all the work, including tests and written work, of all class meetings. No right or privilege exists that permits a student to be absent from any class meetings except for excused absences for authorized University activities or religious observances required by the student's faith. If a student misses three consecutive class meetings, or misses more classes than the course instructor deems advisable, the course instructor may report the facts to the student's academic dean. (See details at <https://catalog.unc.edu/policies-procedures/attendance-grading-examination/#text>)

## **Honor Code**

<http://instrument.unc.edu/>

## **Accessibility**

<https://ars.unc.edu/>

## **Counseling**

<https://caps.unc.edu/>

## **Title IX**

Any student who is impacted by discrimination, harassment, interpersonal (relationship) violence, sexual violence, sexual exploitation, or stalking is encouraged to seek resources on campus or in the community. Please contact the Director of Title IX Compliance (Adrienne Allison – [Adrienne.allison@unc.edu](mailto:Adrienne.allison@unc.edu)), Report and Response Coordinators in the Equal Opportunity and Compliance Office ([reportandresponse@unc.edu](mailto:reportandresponse@unc.edu)), Counseling and Psychological Services (confidential), or the Gender Violence Services Coordinators ([gvsc@unc.edu](mailto:gvsc@unc.edu); confidential) to discuss your specific needs. Additional resources are available at [safe.unc.edu](http://safe.unc.edu).