

Lesson 1: Welcome!

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Still me!

Check the Echo360 link

- Let's check the link and make sure we can see everything!

Course Learning Objectives

At the end of this course, students should be able to...

1. Apply and interpret some hypothesis-testing procedures for two-way and three-way **contingency tables**
2. Compute and **interpret measures of association** for **binary** and **ordinal data**.
3. Calculate and correctly interpret **odds ratios using logistic regression**, make comparison across groups and examine relationship between binary outcome and predictor variables.
4. Apply appropriate **model-building strategies for logistic regression**. Effectively use statistical computing packages for contingency table and logistic regression procedures.
5. Perform **Poisson regression** analysis using count data and interpret model estimates, make comparison across groups and examine relationship between outcome and predictor variables.
6. Coherently **summarize methods and results of data analyses**, and discuss in context of original health-related research questions to audiences with varied statistical background.

New way to record/view lectures

- I will be using Echo360 to automatically record time from 1-3pm in this room!
- It will be LIVE
 - So you can watch in real time, but won't be able to interact with us
 - Might have a 10 second lag
 - No need to tell me if you cannot make class
- [Here is the link to the Echo site!](#) I'll keep posting it on the weekly pages
 - Everyone should be added! Please check that you have access.
- I don't have to post anything after class, so no issues with me forgetting to post it

Some important tasks

- Star the class website: https://nwakim.github.io/S25_BSTA_513/
- Complete the [when2meet](#) for office hours
 - If your calendar feels set, take 5 minutes to fill this out now!
 - **Complete by Thursday at 11pm!!!**
- Highly suggest that you make an appointment with a learning specialist through [Student Academic Support Services](#)!

Syllabus

- Not *many* changes from last quarters syllabus
- Changes from last quarter
 - **Lab discussion days**
 - **Quizzes**
 - No midterm feedback

Assessment Breakdown

- We will have quizzes and required in-person lab discussions (on schedule)

Course activity	Type of Assessment	Due Date	Percentage of final grade (BSTA 513)	Percentage of final grade (BSTA 613)
Homework	Formative	Every 1-2 weeks	30%	25%
Quizzes	Summative	4/27, 5/18, 6/1	25%	25%
Project Labs	Formative/Summative	Every 2-3 weeks	25%	25%
Lab Discussion + Poster Day Participation	N/A	Every 2-3 weeks	5%	5%
Project Poster	Summative	6/13	10%	10%
Exit tickets (Attendance)	N/A	Twice Weekly	5%	5%
613 Readings	Formative	Approx. every other week	0%	5%

Quizzes

- In BSTA 512/612, I removed the quizzes that I implemented in W24
- I noticed there were some key learning objectives that many of us were not meeting in the project
 - Not your fault
- Leading me to implement some new assessment practices (quizzes and lab discussions)
- I think quizzes are a helpful way to embed a checkpoint for understanding
- Quizzes will NOT be in class
 - Quizzes will open at 3pm on Wednesday and close at 11pm on Sunday
 - I'm open to changing the exact timing of this, so let me know in the exit ticket!

Lab Discussion + Poster Day Participation

- We will have 5 classes with required in-person attendance
 - 4 lab discussion days
 - 1 poster day
- Lab discussions will either take the full or half class time
 - They will always follow the due date for a lab
- You will spend the time in a pair or group to discuss what you did in your lab
- If you have extenuating circumstances, you can complete a make-up assignment for credit (Syllabus)

Any questions on how this quarter is going to go?

How to print slides

- Anyone have issues with this?
 - I can show how to do it in Chrome and Safari
- [Instructions on Quarto page](#)

Let's take 10 minutes for Student Survey



OUR
THANK YOU
TO YOU!

Enter to win
one **of 2**
iPads



**ANNUAL
STUDENT
SURVEY 2025**

All responses
are kept
confidential

IF YOU HAVE ANY QUESTIONS OR CONCERNs ABOUT THIS SURVEY,
PLEASE CONTACT LYDIA GILLESPIE, DIRECTOR OF ASSESSMENT AND
EVALUATION AT GILLESLY@OHSU.EDU



Now we take a 5 minute break!