

Lesson 1: Welcome!

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Still me!

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/BSTA_513_26S/
- 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

- No changes from last quarter!

Key Course Info (at the top of the syllabus)

- If an assignment on Sakai is closed or you are submitting late work, **please email me AND the TAs your work** (see [instructor page](#) for all email addresses)
- If you are emailing for an extension, please email me AND the TAs. (see [instructor page](#) for all email addresses)
- Latework policy
 - **For homework:** can be turned in any time before course ends, but you will not receive feedback on late work
 - **For labs:** one “no questions asked”, 3-day extension
 - After that, 1 point deducted per day late
- **Attendance policy:** attend in person and fill out exit tickets for 12 out of the 19 classes
 - There are **FIVE required in-person attendance days** (4 lab discussions and 1 project poster day)
- The class will end on June 08, 2026. **All coursework MUST be completed by June 12, 2026**
- Feel free to fill out the [Ongoing Course Feedback](#) with any concerns or questions.

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	04/26, 05/17, 05/31	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	06/09	10%	10%
Exit tickets (Attendance)	N/A	Twice Weekly	5%	5%
613 Readings	Formative	Approx. every other week	0%	5%

How to print slides

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