

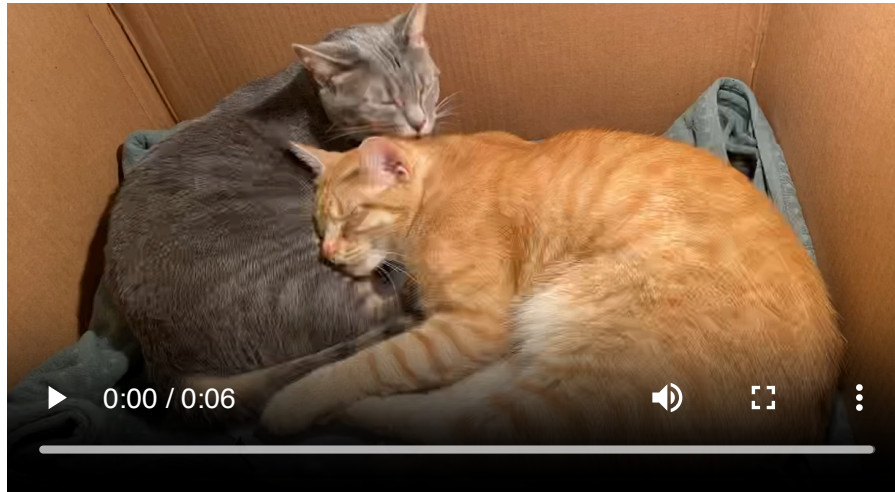
Welcome to BSTA 512/612!

Nicky Wakim

2026-01-05

Nicky Wakim (she/her)

- Call me “Nicky,” “Dr. W,” “Professor Wakim,” or any combo!
 - If you are comfortable with it, I prefer Nicky
- Assistant Professor of Biostatistics
- Originally from DC area (Virginia side!)
- Two kitties
- *Volleyball*, biking, pickleball
- But also sleeping, TV, and reading
- Ceramics!

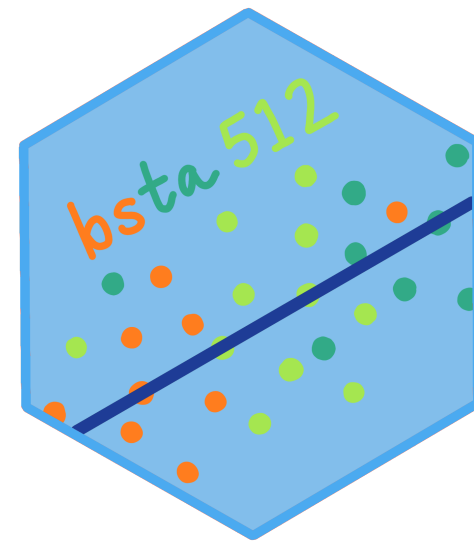


Pride yourself in learning things, not knowing things

Some important tasks

- Star the class website: https://nwakim.github.io/BSTA_512_26W/
- Complete Homework 0 by this Thursday at 11pm!
 - Checking OneDrive access
 - Completing whenisgood for office hours
- Highly suggest that you make an appointment with a learning specialist through [Student Academic Support Services!](#)

Let's visit the website: Homepage




BSTA 512/612: Linear Models

Winter 2026


Welcome to BSTA 512/612! In this course, we will focus on linear models, and build our understanding of regression analysis. We will build some theoretical understanding in order to interpret and apply regression models appropriately. We will learn how to build a regression model, interpret the model, and diagnose potential issues with our model.

 OneDrive Folder


 Class Zoom link

Instructor

 [Dr. Nicky Wakim](#)

 Vanport 622A

 wakim@ohsu.edu

 Office Hours TBD


TA Office Hours

Sheetal  TBD

Kelsey  TBD

Sophia  TBD

Course details

 Mondays, Wednesdays

 Jan 5 - March 16

 1:00 PM - 2:50 PM

 In-person, KCRB 1011

Contacting me

E-mail is the best way to get in contact with me. I will try to respond to all course-related e-mails within 24 hours Monday-Friday.








 [View the source on GitHub](#)

Let's visit the website: Syllabus

- Course learning objectives
- Textbook: two online textbooks
- R: we will continue to use and learn this programming language
- Assessments and grade breakdowns
- Weekly assignments: homeworks and labs
- Feedback: in the form of exit tickets, ongoing feedback forms, midterm feedback, and final course
- How to succeed in this course: resources and assignments explained
- Late work policy / Attendance policy
- ChatGPT and other AI technology
- Course expectations: a few ways that I will show you respect and commitment to you as students
 - And a few ways I expect from you!
- Communicating with me: give me 24 hours to reply M-F
 - Online communication is not my strength!

Let's visit the website: Schedule (1/2)

Let's visit the website: Schedule (2/2)

	Key Info	I will post announcements and other important class related info here. For example, if I change a due date or discuss a common mistake in homework, I will put it here.
	Slides QMD	These are the basic slides that will open in your browser.
	Slides PDF	These are the slides in pdf form for easy note taking. I'm not always the best at posting these before class, so make sure you know how to save your own copy of pdf slides!
	Slides Notes	These are the annotated slides in pdf form. In class, I add my own notes to slides. After class, I will post them here.
	Exit tix	These are links to that day's exit ticket.
	Recording	I record our classes. This will be a link to the OneDrive folder containing this recording.
	Muddy Points	You will have a chance to ask questions about class in your exit tickets. If I notice a trend in confusion, I will add explanations to these "Muddy Points"

Let's visit the website: Search

Let's visit the website: Homework

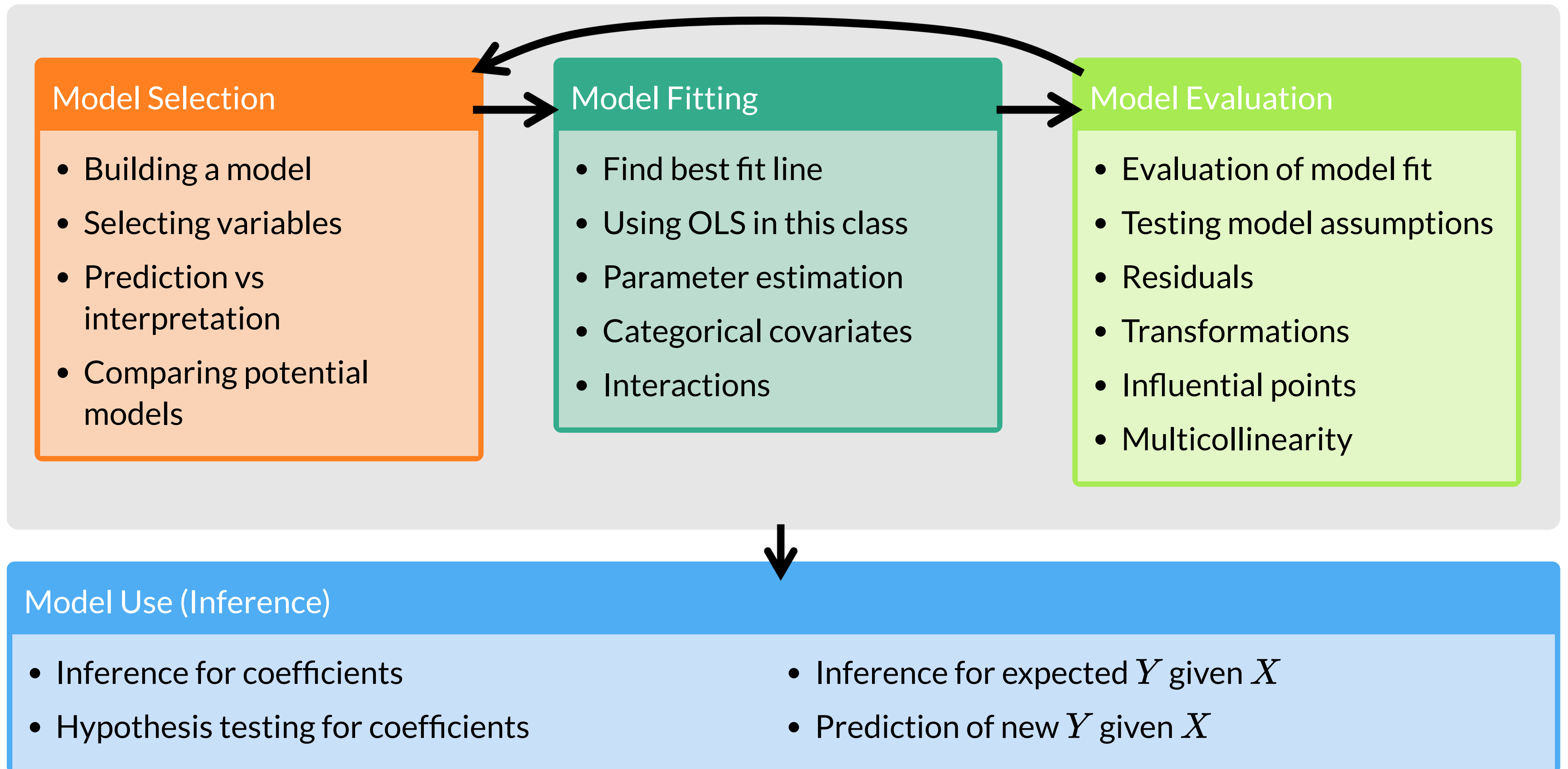
Let's visit the website: Project and labs

Let's visit the website: Instructors

Structure for this course

- We will use the foundation built in BSTA 511/611 or EPI 525
- We will be building towards models that can handle many variables!
 - **Regression** is the building block for modeling multivariable relationships
- In Linear Models we will *build, interpret, and evaluate* **linear regression models**

What we will cover: process for regression data analysis



Let me know if you have questions

Or if there's any contradicting information in the course site... I'm sure I made a mistake somewhere!!

- For example: we **have** quizzes. This is a change from last year, so there's anything that mentions not having quizzes, then I simply overlooked it and need to fix it!
- I am also updating the labs to improve them. If you notice any inconsistencies in the lab instructions, please let me know!