

# Haoyue Li

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## Education

### Pennsylvania State University

Ph.D in Statistics

- Advisor: Dr. Runze Li

State College, PA

09/2023 - Present

### University of Michigan

M.S in Biostatistics

- Advisors: Dr. Peisong Han, Dr. Jeremy Taylor

Ann Arbor, MI

09/2021 - 05/2023

### Nankai University

B.S. in Economics with a Minor in Mathematics

- Advisor: Dr. Yongjin Wang

Tianjin, China

08/2017 - 06/2021

## Research Interest

Data Integration; Shrinkage Methods; High Dimensional Statistics; Causal Inference

## Publication

- Han, P., Li, H., Park, S.K., Mukherjee, B., Taylor, J.M.G. (2024) "Improving Prediction of Linear Regression Models by Integrating External Information from Heterogeneous Populations: James-Stein Estimators". *Biometrics*, 80 (3), ujae072

## Teaching Experience

### Instructor

Pennsylvania State University

- STAT 380: Data Science Through Statistical Reasoning and Computation, Fall 2025
- STAT 415: Introduction to Mathematical Statistics, Summer 2025
- STAT 418: Introduction to Probability and Stochastic Process for Engineering, Fall 2024
- STAT 401: Experimental Methods, Summer 2024

### Teaching Assistant

Pennsylvania State University

- STAT 561: Statistical Inference I, Spring 2025. Instructor: Dr. Bing Li
- STAT 414: Introduction to Probability Theory, Spring 2023. Instructor: Dr. Stephen Berg
- STAT 414: Introduction to Probability Theory, Fall 2023. Instructor: Dr. Hyungsuk Tak

University of Michigan

- BIOSTAT 602: Biostatistical Inference, Spring 2023. Instructor: Dr. Min Zhang, Dr. Peisong Han
- BIOSTAT 601: Probability and Distribution Theory, Fall 2022. Instructor: Dr. Gen Li

## Honors and Awards

- Academic Excellence Scholarship of Nankai University (2019)
- Tianjin Governmental Scholarship (2018)