

Haotian Lin

CONTACT INFORMATION	Thomas Building State College, PA 16801	E-mail: hz1435@psu.edu Website: https://haotianlin.github.io/
EDUCATION	The Pennsylvania State University Department of Statistics Ph.D. in Statistics Advisor: Matthew Reimherr	Aug. 2019 – Present University Park, PA, USA
	University of Science and Technology of China School of the Gifted Young B.S. in Statistics	Aug. 2015 – Jun. 2019 Hefei, China
PREPRINTS	<ul style="list-style-type: none">• Model-Robust and Adaptive-Optimal Transfer Learning for Tackling Concept Shifts in Nonparametric Regression Haotian Lin, Matthew Reimherr (Submitted)• Co-Regularization for Knowledge Transfer in High Dimensions Shuo-Shuo Liu*, Haotian Lin*, and Runze Li (Submitted) <p>(* Equal Contribution)</p>	
PUBLICATIONS	Journal publications <ul style="list-style-type: none">• Pure Differential Privacy for Functional Summaries via a Laplace-like Process Haotian Lin, Matthew Reimherr Journal of Machine Learning Research (JMLR) 25 (305), 1-50, 2024 Conference publications <ul style="list-style-type: none">• Smoothness Adaptive Hypothesis Transfer Learning Haotian Lin, Matthew Reimherr International Conference on Machine Learning (ICML) 2024• On Hypothesis Transfer Learning of Functional Linear Models Haotian Lin, Matthew Reimherr International Conference on Machine Learning (ICML) 2024	
TEACHING EXPERIENCE	Pennsylvania State University (Instructor) STAT 184: Introduction to R STAT 319: Elementary Mathematical Statistics STAT 440: Computational Statistics	Summer 2024 Spring 2022 Spring 2023
	Pennsylvania State University (Teaching Assistant) STAT 200: Elementary Statistics STAT 380: Data Science Through Statistical Reasoning and Computation STAT 401: Experimental Methods STAT 415: Introduction to Mathematical Statistics STAT 418: Introduction to Probability and Stochastic Processes STAT 440: Computational Statistics	Fall 2020 Fall 2023 Spring 2021, 2025 Spring 2020 Spring 2023, Fall 2024 Fall 2021, 2022

University of Science and Technology of China (Teaching Assistant)
Equations of Mathematical Physics, B

Spring 2019

WORK
EXPERIENCE

Google

May 2022 - Aug.2022

Display Ads

Mountain View, CA, USA

Data Scientist Intern

Work on enhancing the predictive accuracy of the expected revenue for Ads queries across multiple platforms via a personalized bias regularized Multi-task learning framework, which efficientizes the revenue-resources trade-off procedure in Ads auction.

PRESENTATIONS

SIAM Financial Mathematics and Engineering Conference (Invited)

July 2025

The Forty-Second International Conference on Machine Learning

July 2024

Student Research Seminar, Penn State (Invited)

Oct. 2023

C.R. Rao Conference, Penn State (Poster)

May 2023

Statistical Data Privacy Group, Penn State (Invited)

Nov. 2021

SERVICES

Journal Reviewer for:

Journal of the Royal Statistical Society: Series B

Computational Statistics and Data Analysis

Journal of Statistical Computation and Simulation

Conference Reviewer for:

AISTATS 2024, 2025

NeurIPS 2024,

ICLR 2025

ICML 2025