

Heejun Shin

CONTACT	Department of Statistics 103C Griffin-Floyd Hall, P.O. Box 118545 University of Florida Gainesville, FL 32611	<i>Email: hshin1@ufl.edu</i>
INTERESTS	Causal Inference, Bayesian Modeling, High-dimensional Inference, Environmental Statistics	
EDUCATION	Ph.D. Student in Statistics, University of Florida <i>Advisor:</i> Professor Joseph Antonelli	(expected) 2024
	B.S. in Applied Statistics, Konkuk University <i>Ranked first in class</i>	2019
RESEARCH POSITIONS	Research Assistant , University of Florida <i>PI:</i> Professor Joseph Antonelli <i>Topic:</i> Robust statistical approaches to understanding the causal effect of air pollution mixtures	2021–present
WORKING PAPERS	Shin, H. , Linero, A. and Antonelli, J., “Identifying Interactions between Covariates and Continuous Exposures via Targeted Smoothing”, 2023+ Shin, H. , and Cho, Y., “Doubly robust inference in survival analysis”, 2023+	
PUBLICATIONS & PREPRINTS	Shin, H. , Braun, D., Irene, K., and Antonelli J., “A spatial interference approach to account for mobility in air pollution studies with multivariate continuous treatments”, arXiv preprint arXiv:2305.14194, 2023. [Link] Shin, H. and Antonelli, J., “Improved inference for doubly robust estimators of heterogeneous treatment effects”, <i>In press, Biometrics</i> , 2023. [Journal][arXiv]	
PRESENTATIONS	Contributed talk. “Causal Effects of Continuous Exposures in the Presence of Spatial Interference: the Effects of Air Pollution on Public Health.” <i>Joint Statistical Meetings</i> . Toronto, Canada 2023. Contributed poster. “Causal Effects of Continuous Exposures in the Presence of Spatial Interference: the Effects of Air Pollution on Public Health.” <i>American Causal Inference Conference</i> . Austin, TX. 2023. Contributed poster. “Improved inference for doubly robust estimators of heterogeneous treatment effects.” <i>The Southern Regional Council on Statistics Summer Research Conference</i> . Jekyll Island, GA. 2022. Contributed talk. “Improved inference for doubly robust estimators of heterogeneous treatment effects.” <i>Joint Statistical Meetings</i> . Washington, D.C. 2022. Contributed talk (as the John Van Ryzin Award winner). “High-dimensional and nonparametric Bayesian methodology for treatment effect heterogeneity.” <i>Eastern North American Region Spring Meeting</i> . Houston, TX. 2022.	
HONORS & AWARDS	Boyd Harshburger Travel Award funded by National Science Foundation, The Southern Regional Council on Statistics 2022 The John Van Ryzin Award for the best student paper of the year, International Biometric Society Eastern North American Region 2022 Distinguished Student Paper Award , International Biometric Society Eastern North American Region 2022 College of Liberal Arts and Sciences Graduate Student Travel Award , University of Florida - Joint Statistical Meetings 2023 - Eastern North American Region Spring Meeting, Joint Statistical Meetings 2022 The President’s Award for an outstanding graduating undergraduate student, Korean Statistical Society 2019 Academic Excellence Scholarship -Chungbuk Human Resource Development Foundation 2018 -The South Korean National Agricultural Cooperative Federation 2018 -Konkuk University 2013-2018	
TEACHING EXPERIENCE	Instructor , University of Florida STA3024 - Introduction to Statistics II	Summer A, Summer B 2023

Teaching Assistant, University of Florida
STA 3024 - Introduction to Statistics II
STA 4241 - Statistical Learning
STA 4321 - Introduction to Probability
STA 4322 - Introduction to Statistical Theory
STA 4502 - Nonparametric Statistical Methods
STA 6166 - Statistical Methods in Research

2019–2023

SERVICE

Organizer, *UFSTAT Student Seminar Series*, Department of Statistics, University of Florida
Graduate Mentor, *Statistics Undergraduate Research Experience*, SRCoS

2022–Present
2022

REFERENCES

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[CV compiled on 2023-07-15]