Suehyun Kim

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Education

Seoul National University   *Seoul, South Korea*
M.S. IN STATISTICS   *2024 - 2026 (expected)*
- Advisor: Kwonsang Lee

Seoul National University   *Seoul, South Korea*
B.S. IN MATHEMATICAL SCIENCES & STATISTICS (DOUBLE MAJOR)   *2019 - 2024*
- *Summa Cum Laude*
- Overall GPA: 4.07/4.3 (3.93/4.00)

Research Interests

Causal Inference, Statistical Learning Theory

Publications

Jang, J., **Kim, S.**, and Lee, K. (2025+). Mixing Samples to Address Weak Overlap in Causal Inference. *Submitted.* [arXiv]

Research Experience

Causal Inference Research Group, Seoul National University   *Seoul, South Korea*
GRADUATE RESEARCH ASSISTANT & UNDERGRADUATE RESEARCH INTERN   *Mar 2023 - present*
- Advisor: Kwonsang Lee
- Developed a statistical tool to mitigate overlap violations in weighting methods for causal inference.
- Created novel matching algorithms for causal inference in time series datasets.

Statistical Learning Theory Lab., Seoul National University   *Seoul, South Korea*
UNDERGRADUATE RESEARCH INTERN   *Dec 2023 - May 2024*
- Advisor: Sungkyu Jung
- Developed algorithms to identify common factors in multi-source data.
- Focused on statistical methodologies regarding dimension reduction and distributions of random matrices.

Data Science & Machine Learning Lab., Seoul National University   *Seoul, South Korea*
UNDERGRADUATE RESEARCH INTERN   *Jun 2023 - Aug 2023*
- Advisor: Gunwoong Park
- Applied functional clustering algorithms to analyze climate data of Korea and Japan.
- Studied foundations of probabilistic graphical models.

Presentations

CONFERENCE TALKS

Jang, J., **Kim, S.**, Lee, K. Mixing Samples to Address Weak Overlap in Causal Inference. *Korean Statistical Society Summer Conference*, Gyeongju, Korea, June 2025.

Jang, J., **Kim, S.**, Lee, K. Mixing Samples to Address Weak Overlap in Causal Inference. *American Causal Inference Conference (ACIC)*, Detroit, MI, United States, May 2025.

Awards and Honors

August 2024	**Alumni Association President's Award**, Seoul National University
2021 - 2023	**Kwanjeong Scholarship**, Kwanjeong Educational Foundation
	Full tuition and fees for two years of undergraduate studies (KRW 22,000,000)
2020 - 2021	**GLEAP (Official Honor Society of College of Natural Sciences)**, Seoul National University
2019 - 2020	**Merit-Based Scholarship**, Seoul National University
	Partial tuition for three semesters (KRW 5,390,000)
2019 - 2024	**Dean's List**, Seoul National University

Teaching Experience

SEOUL NATIONAL UNIVERSITY

Fall 2024	**M1399.001400 Data Analysis and Lab.**, Teaching Assistant
Spring 2024	**F32.102 Statistics**, Peer Tutor

Skills

Programming	R, Python, C, LaTeX
Language	Korean (native), English (fluent), Russian (proficient)