Min Woo Park Ph.D. student

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Homepage & Github

RESEARCH INTEREST My research focuses on Causal Decision Making and Causal Effect Identification. I study how to graphically model a wide range of real-world problems in a causal manner and make optimal decisions. In particular, my research explores methods for making robust decisions, even when modeling with incomplete information. Additionally, I am investigating decision-making processes in sequential settings.

EDUCATION

Graduate School of Data Science, Seoul National University   Seoul
Master and Ph.D in Data Science   2022 - 2028 *(expected)*
- Advisor: Prof. Sanghack Lee
- Research area: Causal Decision Making
- GPA: 4.17/4.3

Department of Mathematics and Statistics, Sejong University   Seoul
B.S. in Applied Statistic and Mathematics (Double Major)   2016 - 2022
- Advisor: Prof. Jieun Lee
- Research area: Operator Theory
- GPA: 4.04/4.5 (Cum Laude)

WORK EXPERIENCE

Graduate School of Data Science, Seoul National University
Causality Lab   Jan 2023 - Aug 2028 *(expected)*

Department of Mathematics and Statistics, Sejong University
Functional Ananlysis Lab   Jul 2021 - Aug 2022

Korea Military Service
National Service Conscript   Aug 2016 - Nov 2018

PUBLICATIONS

1. Yonghan Jung, **Min Woo Park,** and Sanghack Lee. Complete Graphical Criterion for Sequential Covariate Adjustment in Causal Inference. *preprint*, 2024.

2. Ji Eun Lee and **Min Woo Park**. Convergence of the iterated mean transforms of a 2×2 matrix. *preprint*, 2024.

3. **Min Woo Park**, and Ji Eun Lee. Computation of the iterated Aluthge, Duggal, and Mean transforms. *Filomat*, 2023.

AWARDS AND HONORS

4th place Award | The 9th College of Natural Sciences Academic Conference   Nov 2021
First Place Academic Scholarship | Sejong University   Fall 2021
Third Place Award | The 8th College of Natural Sciences Academic Conference   Nov 2020
First Place Academic Scholarship | Sejong University   Fall 2020

TEACHING ASSISTANTS

Causal Inference for Data Science   Fall 2024
Hundai NGV Data Boot-Campus   Juol 2024 - Sep 2024
Causal Inference for Data Science   Spring 2024
Machine Learning and Deep Learning for Data Science II   Fall 2023
Basic Mathematics for Artificial Intelligence   Spring 2022

REFERENCE

Sanghack Lee | Seoul National University   sanghack@snu.ac.kr
Assistant professor

Ji Eun Lee | Sejong University   jieunlee7@sejong.ac.kr
Associate Professor