MINCHUL PARK

minchul1352@korea.ac.kr

RESEARCH INTEREST

Econometrics, Causal Inference, Machine Learning, Natural Language Processing

EDUCATION

Ph.D., Economics, Korea University — Feb. 2026 (expected)

M.A., Economics, Korea University — Feb. 2021

B.S., Mathematics, Chosun University — Feb. 2019

B.Econ., Economics, Chosun University — Feb. 2019

PUBLICATIONS

"A selection correction method for heterogeneous treatment effects in staggered adoption settings", single-authored, 2025, *Economics Letters*, 254, 112490.

"Hunting for fresh food: The impact of online fresh food platforms on health.", with Woo Hyeok An and Jae Il Choi, 2025, *Health & Place*, 91, 103400.

"Do news articles contain information useful for forecasting copper prices?", single-authored, 2025, *Journal of The Korean Data Analysis Society* (in Korean), 27(4).

WORK IN PROGRESS

"A simple specification test for parametric Roy models", with Chirok Han

"A fast bootstrap inference on imputation-based treatment effect estimators", with Sang Soo Park

"Machine learning-based standard errors for imputation-based treatment effect estimators"

PRESENTATIONS

The International Conference of the Association of Korean Economic Studies in Jakarta, Indonesia — Aug. 2023

The Korean Econometric Society Summer Conference in Seoul, South Korea — Jun. 2024

RESEARCH PROJECTS

Research assistant, Development of global demand forecasting and analysis/prediction system of market/industry trends, Institute of Information & Communications Technology Promotion — Jan. 2023 – Dec. 2024

TEACHING EXPERIENCE

Instructor

- Econometrics I (Undergraduate, Korea University) — Winter 2023, Summer 2024
- Mathematics for Economists (Undergraduate, Korea University) — Summer 2023
- R Programming (2-day course, Korea University) — Sep. 2023

Teaching Assistant

- Econometric Analysis (Graduate, Korea University) — Fall 2022
- Intermediate Econometrics (Undergraduate, Korea University) — Spring 2021
- Econometrics I (Undergraduate, Korea University) — Spring 2020
- Statistics for Economists (Undergraduate, Korea University) — Fall 2019

SERVICE

Administrative coordinator, the Korean Econometric Society — Feb. 2024 – Feb. 2025

Administrative assistant, Fiscal Experts Network, Korea Institute of Public Finance — Apr. 2023 – Dec. 2023

STATA MODULES

ROY_SPECIFICATION: Stata module to implement specification tests for Roy models

DID_IMPUTATION_WILD: Stata module to implement the fast wild bootstrap variance estimation for the imputation-based treatment effect estimator

SCHOLARSHIPS AND AWARDS

Scholarships

- Brain Korea 21 Plus Scholarship, National Research Foundation of Korea, Korea University 2019 – 2023
- Academic Excellence Scholarship, Chosun University 2016 – 2018

Awards

- Excellence Award, Research Proposal Competition, Korea University 2022, 2023
- First Prize, Undergraduate Research Conference, Chosun University 2016
- Excellence Award, Academic Report Competition, Chosun University 2016
- Dean's List, Chosun University 2016 – 2018
- Certificate of Commendation for Exemplary Service (military service as an auxiliary police officer), Gwangju Metropolitan Police Agency 2014

LANGUAGES AND COMPUTER SKILLS

Languages

- English (advanced), Korean (native)

Computer Skills

- Stata, Mata, R, Matlab, Python, LaTeX
- GitHub: github.com/econompark