MINJE CHO

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EDUCATION

Korea University
M.A. in Economics (Expected February, 2025)   GPA: 4.44 / 4.5

Korea University
B.A. in Economics and B.A. in Statistics (February, 2023)   GPA: 4.27 / 4.5

Sogang University
B.A. in Economics and B.S. in Mathematics (Attended March 2017 - February 2020) GPA: 3.93 / 4.3

RESEARCH INTERESTS

Health Economics, Public Economics, Econometrics

WORKING PAPER

Individual Differences in the Effects of Neighborhood Socioeconomic Deprivation on Economic Decision Making and Psychotic Risk in Children (with Junghoon Park, Eunji Lee, Bo-Gyeom Kim, Gakyung Kim, Yoonjung Yoonie Joo and Jiook Cha) [link]
This study finds that greater neighborhood deprivation correlates with children's increased future reward discounting and psychotic-like experiences (PLEs) using the instrumental variable forest model, with the effects on PLEs varying by genetic predisposition, cognitive intelligence, and brain structure.

WORK IN PROGRESS

Economic Costs of a Social Tragedy: Evidence from the Itaewon Crowd Crush [link]
This study assesses the 2022 Itaewon crowd crush's economic impact, identifying significant declines in card spending, transaction volumes, and foot traffic in the affected neighborhood.

The Effect of Air Quality Alerts on Consumption and Foot Traffic (with Jongbin Lee)
This research examines how people respond to air quality alerts through changes in card spending and foot traffic, using regression discontinuity to verify the program's unintended economic costs.

External and Internal Margin Gains from Infrastructure Improvement (with Wookun Kim and Matthew Shapiro)
This research investigates the economic impact of the Seoul Metro Line 9 extension on local economic activity, utilizing detailed public transit and card transaction records.

RESEARCH EXPERIENCE

Research Assistant for **Prof. Chirok Han & Sangsoo Park (Korea Univ.)**   08/2024 - 12/2024
- Constructing a database to develop Economic Generative Interpretive System.

Research Assistant for **Prof. Kanghyock Koh (Korea Univ.)**   03/2023 - 02/2024
- Constructed a panel dataset integrating medical utilization records of 1 million individuals from the National Health Insurance Service cohort with pollution records in South Korea.
- Conducted an analysis to investigate the impact of PM2.5 on medical utilization by age group and symptoms.

Research Assistant for **Prof. Wookun Kim (Southern Methodist Univ.)**   08/2022 - 02/2023
- Created a district-level pollutant panel dataset (2001-2022) in South Korea, aggregating station-level measurements and accounting for stations' relocations, closures, and new installations.
- Explored data imputation techniques, including the use of satellite imagery to recover unobserved PM2.5 data before 2015.

Research Assistant for **Prof. Jiook Cha (Seoul National Univ.)**   01/2022 - 12/2022
- Conducted research for the paper titled "Individual Differences in the Effects of Neighborhood Socioeconomic Deprivation on Economic Decision-Making and Psychotic Risk in Children."
- Led a lab-wide seminar on heterogeneous treatment effect estimation, focusing on the generalized random forest model and its applications in psychopathology and psychiatry.

SEMINARS AND PRESENTATIONS

PhD Conference, Korea University Economics Department   2024

HONORS AND GRANTS

Outstanding Research Proposal Award, BK21 Economic Education Research Group   2023

BK21 Fellowship, BK21 Economic Education Research Group   2023

Outstanding M.A. Program Entrant, Korea University   2023

Full Scholarship for Academic Excellence, Korea University   2022

Research Support Program, Korea University Economics Department   2022

Honorable mention, NH Investment and Securities Big Data Contest   2021
- Awarded in Algorithm Development Field, $750

TEACHING EXPERIENCE

Teaching Assistant for **Prof. Kanghyock Koh (Korea Univ.)**   09/2024 - 12/2024
- Health Economics (undergraduate)

Teaching Assistant for **Prof. Youngwoo Koh (Korea Univ.)**   03/2024 - 06/2024
- Mathematics for Economists (undergraduate), Microeconomic Theory I (graduate), Microeconomic Theory Seminar (graduate)

NON-ACADEMIC WORK EXPERIENCE

Social Service Personnel (Compulsory)   02/2019 - 12/2020

SKILLS

Programming Languages
Python, R, Stata, SAS, GAUSS, Matlab

Languages
English (fluent), Korean (native)