Sukgyu Shin

Contact Info

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Education

The Ohio State University (OSU),
Ph.D. in Economics (in progress), 2023 – present

Seoul National University (SNU),
Ph.D. Coursework Completion in Economics, 2019 – 2023

Chung-Ang University (CAU),
B.A. in English Language and Literature / Economics, 2014 – 2019
Graduation standing: magna cum laude

Fields of Interest Dynamic Discrete Choice, Panel Data

Working Papers

"Sufficient Statistics for Markovian Feedback Process and Unobserved Heterogeneity in Dynamic Logit Panel Model"

In this paper, we examine identification in a dynamic logit panel model with state dependence, first order Markov feedback process, and individual unobserved heterogeneity by introducing sufficient statistics for the feedback process and unobserved heterogeneity. If a sequentially exogenous, and discrete covariate follows a first-order Markov process, identification via conditional probability is infeasible whereas that of the lagged dependent variable is feasible when $T \geq 3$*. If the covariate depends only on the lagged dependent variable, the parameter is identified when* $T \geq 2$ *and that of the lagged dependent variable is identified when* $T \geq 3$*.*

Honors and Awards

Department of Economics First-Year Fellowships, OSU, 2023
Fellowship for Fundamental Academic Fields, SNU, 2021, 2022
Brain Korea 21, SNU, 2019, 2020

Seminar and Conference

2023: Brain Korea 21 Ph.D. Conference, Korea University
2022: Korea's Allied Economic Associations Annual Meeting, Korea University

Teaching Experience

Teaching Assistant, OSU
ECON 8731, Econometrics, Fall, 2025

Citizenship Republic of Korea