

# Sukgyu Shin

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<b>Education</b>	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, Graduation standing: magna cum laude	2014 – 2019
<b>Fields of Interest</b>	Dynamic Discrete Choice, Panel Data, Causal Inference	
<b>Working Papers</b>	“Sufficient Statistics for Markovian Feedback Process and Unobserved Heterogeneity in Dynamic Panel Logit Models” [ <a href="#">Arxiv</a> ]	
	<i>In this paper, we examine identification in a dynamic panel logit model with state dependence, a first-order Markov feedback process, and individual unobserved heterogeneity by introducing sufficient statistics for the feedback process and unobserved heterogeneity. If a sequentially exogenous discrete covariate follows a first-order Markov process, identification of the coefficient on the covariate via conditional likelihood is infeasible, whereas identification of the coefficient on the lagged dependent variable is feasible when there are at least three periods after the initial-condition period. If the feedback depends only on the lagged dependent variable, the coefficient on the covariate is identified with at least two periods, and the coefficient on the lagged dependent variable is identified with at least three periods.</i>	
<b>Software</b>	R, MATLAB, Stata, Python, QGIS, LaTex	
<b>Honors and Awards</b>	Department of Economics First-Year Fellowships, OSU, 2023 Fellowship for Fundamental Academic Fields, SNU, 2021, 2022 Brain Korea 21, SNU, 2019, 2020	
<b>Seminar and Conference</b>	2023: Brain Korea 21 Ph.D. Conference, Korea University 2022: Korea's Allied Economic Associations Annual Meeting, Korea University	
<b>Teaching Experience</b>	<i>Teaching Assistant, OSU</i> ECON 8731, Econometrics, Fall, 2025	
<b>Citizenship</b>	Republic of Korea	