Seojin Jung

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Placement Director: Prof. Barıs K. Yörük byoruk@albany.edu (518) 442–3175

Education

May 2026 (expected) **Ph.D.**, *Economics*, University at Albany (SUNY), NY, US

2018 **M.A.**, *Economics*, Ewha Womans University, Seoul, Korea

2009 **B.A.**, *Economics*, Ewha Womans University, Seoul, Korea

Fields

Primary Econometrics; Time Series; Applied Macroeconomics; Macroeconomics

Secondary Monetary Economics; Development Economics; International Trade

References

Professor Ulrich Hounyo
Department of Economics
University at Albany
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Professor Kajal Lahiri
Department of Economics
University at Albany
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Professor Daiqiang Zhang
Department of Economics
University at Albany
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Professor Byoung Park
Department of Economics
University at Albany
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Grants and Awards

2025 SEA graduate student award

2020-2023 Graduate Fellowship, Department of Economics

Teaching

2023 - 2025 Economics of Development

Fall 2022 Principles of Microeconomics

Fall 2016 Stata in Econometrics class (Ewha Womans University, graduate)

Research and Relevant Experience

2018 Predicting Korean Recession with Binary Probit Model (Master dissertation)

Fall 2017 Research Assistant, Professor Jin Lee (Econometrics), Ewha Womans University

Fall 2016 Research Assistant, Professor Jin Lee (Econometrics), Ewha Womans University

Fall 2015 Professor. Inbae Kim (International Trade), Ewha Womans University

2013 Internship, Export-Import Bank of Korea, Credit Rating Office

Dissertation

Essays on Impulse Responses and Model Averaging

Committee: Professor Ulrich Hounyo (Chair), Professor Kajal Lahiri, Professor Daiqiang Zhang

Job Market Paper

State-Dependent Impulse Responses under Uncertainty

This paper studies the finite-sample behavior of state-dependent impulse response estimators under uncertainty. I start from a design where the true data generating process and its transition rule are known, then add misspecifications step by step. The target impulse response is defined in a potential outcome framework, while estimation relies on prediction-based methods. Performance is evaluated by the continuously ranked probability score (CRPS) across single estimators and model averaging schemes. Simulations show that CRPS is mainly determined by the transition process and the shock size. As shocks grow, LP estimators tend to outperform, though truncated-lag VARs can remain competitive. Bayesian and plain or bias-corrected estimators often move in opposite directions. A simpler transition process can lower errors when the true process is noisy, while imposing linearity on a nonlinear process can produce distortions. In the empirical analysis with three inflation-related regimes, uncertainty shocks are state dependent and build more slowly in favorable states, whereas monetary policy shocks show little state dependence.

Main paper link; Appendix link

Working Papers

October 2025 State-Dependent Impulse Responses under Uncertainty (solo)

June 2025 Two-stage Model Averaging for Impulse Responses: Local Projections and VARs-based Approaches (with Ulrich Hounyo)

Presentation

2025 SEA Annual Meeting, FL

2025 Albany Showcase, University at Albany, NY

Languages

English (fluent), Korean (native)

Software skills

Matlab(proficient), Stata, R, Latex