

HUI-JHONG (“HUGH”) CHOI

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FIELDS OF INTEREST

Asset Pricing, Econometrics, Machine Learning, Microstructure Theory

EDUCATION

Simon Business School, University of Rochester PhD Student in Finance (<i>FIN</i> CGPA: 4.0/4.0)	2023 -
Korea University MA in Economics	2023
Korea University BA in Economics / minor in Mathematics	2020

PUBLICATIONS

“Finding Inflation Uncertainty Factors: A Sparse Stochastic Volatility Approach” with Kyu Ho Kang, 2025, *Journal of Financial Econometrics*, 23(4).

Inflation uncertainty is an undeniable factor in economic decision-making. In this study, we investigate the factors that possess information on future inflation uncertainty among many observable macroeconomic variables and uncertainty indices. To do this, we estimate several inflation prediction models popular in the literature, allowing for stochastic volatility with predetermined variables. We apply the Dirac spike-and-slab prior to the volatility-explaining variables to detect relevant macroeconomic determinants of the inflation volatility process. Contrary to prior studies suggesting that the inflation level is essentially a unique factor explaining inflation uncertainty, our findings reveal that survey inflation expectations and the capacity utilization rate are significantly more relevant. These results remain robust to different models of inflation.

RESEARCH EXPERIENCE

Research Assistant <i>RA to Prof. Kyu Ho Kang (Korea University)</i>	2022 Fall
· Project: “ <i>Bayesian Portfolio Selection of Foreign Government Bonds</i> ”	
· Provided MATLAB coding and writing assistance in forecasting future bond returns of different countries through a large Bayesian VAR model	

TEACHING EXPERIENCE

ECON174 Statistics for Economists (Undergraduate) Teaching Assistant to Professor Dukpa Kim (Korea University)	2020 Fall
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HONORS, FELLOWSHIPS & RESEARCH GRANTS

PhD Student Fellowship, Simon Business School	2023 - 2028
RCP Research Grant, Korea University Center for Teaching and Learning	2022
Outstanding Research Proposal Award, Department of Economics, Korea University	2021
BK21+ Research Scholarship, National Research Foundation of Korea	2021 - 2022
Outstanding New Student Scholarship, Korea University	2020 - 2021

NON-ACADEMIC EMPLOYMENT & SERVICES

JP Morgan Chase & Co.

Credit Risk Specialist

Jun - Sep 2019

Seoul, Korea

CGS-CIMB Securities

Equity Research Intern

Sep 2018 - Feb 2019

Seoul, Korea

Aerospace Medical Center, ROK Air Force

Air Materials Supply Sergeant (Mandatory Military Service)

Jul 2015 - Jul 2017

Cheongju, Korea

LANGUAGES

Korean (native), English (fluent), Mandarin (conversational)