

HYUKJUN KWON

Operations Research and Financial Engineering
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EMPLOYMENT

Postdoctoral Research Associate, ORFE, Princeton University Aug 2024 -

EDUCATION

Rutgers University, USA
Ph.D. in Economics Oct 2024
Pennsylvania State University, USA
M.A. in Economics 2018
Seoul National University, Korea
M.A. in Economics 2016
Republic of Korea Naval Academy, Korea
B.A. and B.E. in Military Arts and Science 2009

RESEARCH INTERESTS

High-dimensional Models, Factor Analysis, Causal Inference, Human Preference Learning, Matching Mechanism, Machine Learning

PUBLICATIONS

Inference for Low-Rank Models without Estimating the Rank (with Jungjun Choi, Yuan Liao), accepted at *Journal of the American Statistical Association*
Justified-Envy-Minimal Efficient Mechanisms for Priority-Based Matching (with Ran Shorrer), *Games and Economic Behavior*, 157, March 2026
Inference for Low-Rank Completion without Sample Splitting with Application to Treatment Effect Estimation (with Jungjun Choi, Yuan Liao), *Journal of Econometrics*, 240 (1), March 2024

WORKING PAPERS

Uncertainty Quantification for Ranking with Heterogeneous Preferences (with Jianqing Fan, Xiaonan Zhu), major revision at *Journal of the American Statistical Association*
Preference-Learned Allocation Mechanisms (with Jianqing Fan, Ran Shorrer)

TEACHING EXPERIENCE

Instructor, Rutgers University
- College Writing Fall 2023
- Econ Data Science, Advanced Analysis for Economics (co-teaching with Prof. Yuan Liao) Spring 2023
- Expository Writing Fall 2022
- Econometrics Summer 2022
- Math Camp for Incoming Econ Graduate Students Summer 2022, Summer 2021

Teaching Assistant (graduate courses), Rutgers University	2019 – 2022
Econometrics (x4), Macroeconomics (x1)	
Teaching Assistant (undergraduate courses), Rutgers University	2019 – 2022
Forecasting and Big Data (x2), Introduction to Econometrics (x2), Econ Data Science (x1), Women, Men, and Economy (x1), Financial Economics (x1), Energy Economics (x1)	

HONORS AND AWARDS

Dorothy Rinaldi Award, Rutgers University	2023
<i>In recognition of outstanding scholarship, leadership, and service to other graduate students</i>	
Sidney I. Simon Prize for Outstanding Graduate Student Teaching, Rutgers University	2023
<i>In recognition of outstanding teaching by a graduate student</i>	
Professor Hiroki Tsurumi Graduate Dissertation Fund in Economics, Rutgers University	2022
<i>In recognition of exceptional dissertation research by advanced graduate students</i>	
Sidney I. Simon Award, Rutgers University	2021
<i>In recognition of outstanding second year research paper</i>	
Rie Ashizawa Memorial Award, Rutgers University	2019
<i>In recognition of outstanding performance on the qualifying examinations</i>	

PRESENTATIONS

Chung-Ang University	Dec 2025
International Conference on Econometrics and Statistics (EcoSta)	Aug 2025
Joint Statistical Meetings (JSM)	Aug 2025
University of Connecticut	Oct 2023
Midwest Econometrics Group (MEG) Conference	Oct 2023
International Conference on Computational Statistics (COMPSTAT)	Aug 2023
International Conference on Econometrics and Statistics (EcoSta)	Aug 2023

REVIEW ACTIVITIES

Journal of Machine Learning Research, Biometrics, International Journal of Game Theory, ACM Conference on Economics and Computation, Social Choice and Welfare

SKILLS AND PERSONAL

Programs: Matlab, Julia, Python, L^AT_EX

Languages: English (fluent), Korean (native)

Military Service: Lieutenant, Republic of Korea Navy	2009 – 2014
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Last Updated: January 2026