

# 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, 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*  
Inference for Low-rank Completion without Sample Splitting with Application to Treatment Effect Estimation (with Jungjun Choi, Yuan Liao), *Journal of Econometrics* 240 (1)

## WORKING PAPERS

Uncertainty Quantification for Ranking with Heterogeneous Preferences (with Jianqing Fan, Xiaonan Zhu), presented at *Joint Statistical Meetings 2025*  
Justified-envy-minimal Efficient Mechanisms for Priority-based Matching (with Ran Shorrer), revised and resubmitted, *Games and Economic Behavior*

## WORK IN PROGRESS

Preference-agnostic Allocation Problems (with Jianqing Fan, Ran Shorrer, Xiaonan Zhu)

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

## PRESENTATIONS

- Chung-Ang University Dec 2025 (Scheduled)
- International Conference on Econometrics and Statistics (EcoSta) Aug 2025
- Joint Statistical Meetings (JSM) Aug 2025
- KAEA Job Market Conference Nov 2023
- 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

## SKILLS AND PERSONAL

Programs: Matlab, Julia, Python, L<sup>A</sup>T<sub>E</sub>X

Languages: English (fluent), Korean (native)

Military Service: Lieutenant, Republic of Korea Navy

2009 – 2014

*Last Updated: September 2025*