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***

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, LaTeX

Languages: English (fluent), Korean (native)

| Military Service: Lieutenant, Republic of Korea Navy | 2009 – 2014 |

Last Updated: September 2025