

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.E. and B.A in Military 2009

RESEARCH INTERESTS

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

PUBLICATIONS

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

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), revised and resubmitted, *Games and Economic Behavior*

WORK IN PROGRESS

Entrywise Error Analysis and Uncertainty Quantification in Heterogeneous Preference Learning from Revealed Choice Behavior (with Jianqing Fan, Xiaonan Zhu)

TEACHING EXPERIENCE

Instructor, Rutgers University

- Econ Data Science, Advanced Analysis for Economics (co-teaching with Prof. Yuan Liao) Spring 2023

- 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

KAEA Job Market Conference Nov 2023

Econometrics Seminar, 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

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: July 2025