Ryo Kimoto

September 2026

Department of Economics, The Pennsylvania State University
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https://ryokimoto.github.io/

Education

The Pennsylvania State University Expected 2027
Ph.D. in Economics

Keio University 2021
M.A. in Economics

Keio University 2019
B.A. in Economics

Research Interests

Econometrics, International Trade.

Publication

Kimoto, Ryo, and Taisuke Otsu. 2022. "Inference on Conditional Moment Restriction Models with Generated Variables." *Economics Letters* 215, 110454.

Job Market Paper

"Identification and Estimation of Semi-nonparametric Gravity Equation."

Develops identification and sieve estimation of a flexible demand system using general-equilibrium restrictions in international trade. Establishes large-sample properties of the estimator, a test of CES demand, and counterfactual estimators.

Working Papers

"Ordered Differencing with a Generated Index in Partially Linear Models."
Working paper, August 2026.

"Measuring Robot Quality: Has Quality Improvement Slowed Down?" With Ippei Fujiwara, Shigenori Shiratsuka, and Toyoichiro Shirota.
RIETI Discussion Paper 21-E-054, July 2021.

Policy Writing

"Measuring Robot Quality: Slowing Improvement Is a Possibility." With Toyoichiro Shirota, Shigenori Shiratsuka, and Ippei Fujiwara.
VoxEU, May 19, 2022.

Teaching Experience

Course Instructor Summer 2025
The Pennsylvania State University
ECON 106 WC — Statistical Foundations for Econometrics

Graduate Teaching Assistant Fall 2021–present
Department of Economics, The Pennsylvania State University

ECON 500 — Mathematics for Economics (first-year Ph.D.)
Fall 2024, 2025 — Miaomiao Dong; Fall 2026 — Jose Higueras.

ECON 510 — Econometrics (master's)
Spring 2025 — Andrés Aradillas-López.

ECON 483 — Forecasting
Spring 2024 — Keisuke Hirano.

ECON 402 — Game Theory
Spring 2026 — Leah Hunt.

ECON 304 — Intermediate Macroeconomic Analysis
Fall 2023 — Paul Kagundu.

ECON 102 — Introductory Microeconomic Analysis and Policy
Fall 2022 — Mark McLeod; Spring 2023 — Austin Boyle.

ECON 315 — Labor Economics
Fall 2021, Spring 2022 — Jadrian Wooten.

Skills and Languages

Programming and software Python, Julia, Stata, LaTeX.
Languages Japanese (native), English (fluent).

References

Andrés Aradillas-López
(Advisor)
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