

Kohei Yata

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Employment

Assistant Professor of Economics, University of Wisconsin–Madison August 2022–present

Past Positions

Visiting Scholar, University of Tokyo July 2022, December 2024–January 2025
Visiting Scholar, Hitotsubashi University July–September 2020

Education

Ph.D. in Economics, Yale University, May 2022
Dissertation: “*Econometric Methods for Program Evaluation and Policy Choice*”
Committee: Yuichi Kitamura (Chair), Timothy B. Armstrong, Yusuke Narita
M.Phil. in Economics, Yale University, May 2019
M.A. in Economics, Yale University, May 2018
M.A. in Economics, University of Tokyo, March 2016
B.A. in Economics, University of Tokyo, March 2014

Working Papers

1. “Optimal Estimation for Regression Discontinuity Design with Binary Outcomes” (with Takuya Ishihara and Masayuki Sawada)
2. “When to Target Customers? Retention Management using Constrained Dynamic Off-Policy Policy Learning” (with Ryuya Ko, Kosuke Uetake, and Ryosuke Okada)
3. “Optimal Decision Rules Under Partial Identification,” revise and resubmit at *Review of Economic Studies*
4. “Algorithm as Experiment: Machine Learning, Market Design, and Policy Eligibility Rules” (with Yusuke Narita), revise and resubmit at *Management Science*

Publications

1. “Counterfactual Learning with General Data-Generating Policies” (with Yusuke Narita, Kyohei Okumura, and Akihiro Shimizu), *Proceedings of the AAAI Conference on Artificial Intelligence*, 37(8), 9286–9293, 2023.
2. “Debiased Off-Policy Evaluation for Recommendation Systems” (with Yusuke Narita and Shota Yasui), *Proceedings of the 15th ACM Conference on Recommender Systems*, 372–379, 2021.
3. “Efficient Counterfactual Learning from Bandit Feedback” (with Yusuke Narita and Shota Yasui), *Proceedings of the AAAI Conference on Artificial Intelligence*, 33(01), 4634–4641, 2019.

Fellowships and Awards

Arnold Zellner Thesis Award in Econometrics and Statistics, Honorable Mention	2023
George Trimis Prize (Distinguished Dissertation), Yale University	2022
Best Paper Award at the ACM conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO 2021)	2021
University Dissertation Fellowship, Yale University	2020–2021
Besen and Dublirer Families Endowed Fellowship	2017–2019
University Fellowship, Yale University	2016–2020
Cowles Foundation Fellowship	2016–2020
Research Fellowship for Young Scientists (DC1), Japan Society for Promotion of Sciences	2016

Grants

Kikawada Foundation Research Grant	2016–2018
Research Grant for Research Fellows of the Japan Society for Promotion of Sciences	2016

Teaching Experience

University of Wisconsin–Madison (Instructor)	
Econometric Methods (2nd-year Ph.D.)	Fall 2024, 2025
Econometrics I & II (Masters)	Spring 2023–2025
Introductory Econometrics (Undergraduate)	Fall 2022–2025

Seminar Presentations

2024	Boston University, Michigan State University
2023	Northwestern University, University of Toronto, Cornell University
2022	University of Bristol, Penn State University, UC Irvine, Western University, University of Notre Dame, University of Wisconsin–Madison, Toulouse School of Economics, University of College London
2021	Yale University, Happy Hour Seminar!
2018	RIKEN AIP Open Seminar

Conference and Workshop Presentations

2024	GSE-OSIPP-ISER Joint Conference in Economics 2024
2023	CREPE Day 2023, Applied Microeconometrics Conference in Honor of Professor Hidehiko Ichimura, Bravo/JEA/SNSF Workshop on Using Data to Make Decisions, IAAE 2023, AAAI 2023
2022	CMStatistics 2022
2021	Bayesian Causal Inference for Real World Interactive Systems Workshop (KDD 2021), Machine Learning for Consumers and Markets Workshop (KDD 2021), Reinforcement Learning for Real Life Workshop (ICML 2021), Annual Meetings of the Society of Labor Economists (SOLE), North American Winter Meeting of the Econometric Society
2020	European Winter Meeting of the Econometric Society, World Congress of the Econometric Society
2019	AAAI 2019
2016	Japanese Economic Association Spring Meeting

Professional Activities

Referee: *AISTATS 2022, American Economic Review, Biometrika, Econometric Theory, Journal of the American Statistical Association, Journal of Business & Economic Statistics, Journal of Econometrics, Journal of Political Economy, Journal of Political Economy Microeconomics, Journal of the Royal Statistical Society: Series B, Quantitative Economics, Review of Economic Studies, Review of Economics and Statistics*

Program Committee: EAAMO 2022

Discussant: Cowles Conference on Econometrics 2023