

yusuke narita

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contact

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research interests

Substantive: Data-driven Design of Resource Allocations, with Education & Other Applications

Methodological: Causal Inference, History, Machine Learning, Structural Modeling, Theory

papers (economics)

Experiment-as-Market: Incorporating Welfare into Randomized Controlled Trials

Cowles Foundation Discussion Paper 2127

Revise and Resubmit at *Proceedings of the National Academy of Sciences*

Hearing the Voice of the Future

Meritocracy & Its Discontents: Long-run Effects of Repeated School Admission Reforms
with Chiaki Moriguchi and Mari Tanaka

Match or Mismatch? Learning and Inertia in School Choice

Breaking Ties: Regression Discontinuity Design Meets Market Design

with Atila Abdulkadiroglu, Josh Angrist, and Parag Pathak

NBER Working Paper 24172 & Cowles Foundation Discussion Paper 2170

Revise and Resubmit at *Econometrica*

A Theory of Quasi-Experimental Evaluation of School Quality

Management Science, 2020

Research Design Meets Market Design: Using Centralized Assignment for Impact Evaluation

with Atila Abdulkadiroglu, Josh Angrist, and Parag Pathak

Econometrica, 2017

Regression Discontinuity in Serial Dictatorship: Achievement Effects at Chicago's Exam Schools

with Atila Abdulkadiroglu, Josh Angrist, Parag Pathak, and Roman Zarate

American Economic Review Papers and Proceedings, 2017

Improving Schools through School Choice: A Market Design Approach

with John Hatfield and Fuhito Kojima

Journal of Economic Theory, 2016

Guilt Aversion Revisited: An Experimental Test of a New Model

with Toshiji Kawagoe

Journal of Economic Behavior & Organization, 2014

Comment on “Efficient Resource Allocation on the Basis of Priorities”

Econometrica Online Article Comments, 2009

papers (machine learning, artificial intelligence, and applied math)

A Large-scale Open Dataset for Bandit Algorithms

with Yuta Saito, Shunsuke Aihara, & Megumi Matsutani

Off-policy Bandit and Reinforcement Learning

with Shota Yasui and Kohei Yata

Efficient Counterfactual Learning from Bandit Feedback

with Shota Yasui and Kohei Yata

AAAI (Association for the Advancement of Artificial Intelligence, major refereed publication venue in artificial intelligence & machine learning), 2019

Many-to-many Matching with Max-min Preferences

with John Hatfield and Fuhito Kojima

Discrete Applied Mathematics, 2014

selected work in progress

Machine Learning is Natural Experiment

with Kohei Yata

Data-driven Demand Modeling

with Kota Saito

EXAMining Mobile Health Tech in Africa

with Eli Grant and Daniel Marszalec

courses

Data Analysis & Econometrics (Yale, undergraduate, Econ 132)

Labor Economics (Yale, graduate, Econ 631, with Joe Altonji)

Empirical Economics & Policy Analysis (Yale, graduate, Econ 556, with Tim Armstrong, Yuichi Kitamura, & Ed Vytlačil)

affiliation

2017-	Yale University, Department of Economics & Cowles Foundation Assistant Professor
2019-20	Stanford University Visiting Assistant Professor
2018-	The Council on East Asian Studies at Yale University Affiliate Faculty
2018-	Y-RISE (Yale Research Initiative on Innovation and Scale) Network on Evidence Aggregation and External Validity Affiliate Faculty
2018-	Columbia University, Market Design Initiative Advisory Member
2018-	Research Institute of Economy, Trade and Industry (RIETI, Policy Think Tank Affiliated with the Japanese Government) Visiting Fellow
2016-	MIT, School Effectiveness and Inequality Initiative (SEI) Affiliate Faculty
2011-	University of Chicago, Human Capital & Economic Opportunity Global Working Group Affiliate Faculty

past affiliation

2016-2017	Yale University, Cowles Foundation Postdoctoral Fellow
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education

2011–2016	Ph.D. at MIT <i>Thesis: Essays on Education Market Design</i> Committee: Parag Pathak, Josh Angrist, Daron Acemoglu, Nikhil Agarwal
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professional services

Program Committee: AI Track at EC'19 (Economics & Computation) Conference, EC'20 (Economics & Computation) Conference

Referees:

American Economic Journal: Applied Economics, American Economic Journal: Microeconomics, American Economic Review: Insights, Econometrica, EC (Economics & Computation) Conference, Economics Letters, Economic Theory, Games and Economic Behavior, International Economic Review, Journal of the American Statistical Association, Journal of Business & Economic Statistics, Journal of Economic Theory, Journal of European Economic Association, Journal of Human Resources, Journal of Public Economics, Management Science, Quarterly Journal of Economics, Theoretical Economics, National Science Foundation, Israel Science

Foundation

Invited/Refereed Presentations:

2020: Invited Talk at the European Economic Association Annual Congress, Econometric Society World Congress, Stanford University (Market Design Seminar), Stanford University (Faculty Brown Bag Seminar), Washington University/St Louis Fed (Labor/Public Seminar), Caltech (Social Sciences Seminar), Annual Empirical Microeconomics Conference at Arizona State University, Research Institute of Economy, Trade & Industry (RIETI), Columbia (Japan Economy Seminar), Econometric Society, American Economic Association

2019: Stanford (Market Design Seminar), Facebook, UC Berkeley (Labor Seminar), Columbia (Biostatistics Seminar), UC Irvine (Joint Labor/Public/Econometrics Seminar), Rice (Empirical Micro Seminar), University of Tennessee (Labor/Public Seminar), Stanford (Theory Seminar), University of Tokyo, NBER Japan Project Meeting, NBER Summer Institute Labor Studies Meeting, Kyoto University Empirical Micro Workshop, Nihon University, Hitotsubashi (IO/Labor Seminar), Yahoo!, Japanese Economic Association, "Machine Learning for Economics" GSE Summer Forum in Barcelona, "Structural Microeconometrics" GSE Summer Forum in Barcelona, Society of Labor Economists (SOLE) Annual Meeting, Columbia (Joint Econometrics/Theory Seminar), Pacific Conference for Development Economics at USC, Penn State (Econometrics Seminar), University of Warwick (Empirical Micro Seminar), London School of Economics (Empirical Micro Seminar), NYU (Joint Development & Econometrics Seminar), Research Institute of Economy, Trade & Industry (RIETI), AAAI-19 Conference on Artificial Intelligence, Yale (Quantitative Method Seminar)

2018: Y-RISE Evidence Action & External Validity Meeting, Conference on Evidence-Based Policy Making by RIETI, Yale (Econometrics Seminar), Education Conference at the FRB of Minneapolis, NBER Market Design Meeting, Advances with Field Experiments 2018 Conference, Praekelt Foundation, UPenn (Empirical Micro Seminar), Econometric Society, Economic Theory Conference IV at the University of Chicago, Stanford Institute for Theoretical Economics (SITE) Session 5: Psychology & Economics, NBER Summer Institute Development Meeting, ICML / IJCAI / AAMAS Workshop "Machine Learning for Causal Inference, Counterfactual Prediction, & Autonomous Action (CausalML)," Stanford Institute for Theoretical Economics (SITE) Session 2: Empirical Implementation of Theoretical Models of Strategic Interaction & Dynamic Behavior, University of Chicago (Econometrics Seminar), University of Tokyo (Microeconomics Seminar), University of Wisconsin Madison (Labor/Public Seminar), Society of Labor Economists (SOLE) Annual Meeting, Market Design Conference at Columbia, Junior IO Workshop at the University of Tokyo, Microsoft Research, RIKEN Center for Advanced Intelligence Project, Hitotsubashi (IO/Labor Seminar), American Economic Association

2017: NBER Market Design Meeting, Brown, RIKEN Center for Advanced Intelligence Project, Yokohama National University (Microeconomics Seminar), Hitotsubashi Summer Institute, European Summer Symposium in Economic Theory, University of Illinois at Urbana-Champaign Microeconomics Seminar, Conference "Econometrics Meets Theory" at NYU, Hitotsubashi (IO/Labor Seminar), Econometric Society

2016 or earlier: International Conference on Experimental Methods in Economics, Conference on Market Design & Micro Theory, Columbia University (Market Design Seminar), 11th Matching in Practice Workshop, NYU, UCLA, Yale, Rice, University of Tokyo, Osaka University, Kyoto University, NSF/CEME Decentralization Conference 2013 at Boston University, "Matching Problems: Economics Meets Mathematics" at the University of Chicago, NSF/NBER Mathematical Economics Conference at the University of Iowa