

Taisuke Imai

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Academic Position

The University of Osaka

Institute of Social and Economic Research
Professor
Specially Appointed Associate Professor

October 2023 – present
December 2021 – January 2022

LMU Munich

Department of Economics, Seminar for Economic Theory
Assistant Professor
The Center for Advanced Studies
Junior Researcher in Residence

August 2017 – September 2023
April 2021 – September 2021

California Institute of Technology

Division of the Humanities and Social Sciences
Postdoctoral Scholar in Behavioral and Experimental Economics

January 2016 – July 2017

Education

California Institute of Technology

Ph.D. in Social Science
“Essays in Revealed Preference Theory and Behavioral Economics”
Committee: Colin Camerer (chair), Jakša Cvitanić, Kota Saito, Matthew Shum

June 2016

University of Tokyo

Master of Economics
Bachelor of Economics

March 2009
March 2007

Research

Published Papers

1. Holzmeister F, Johannesson M, Camerer CF, Chen Y, Ho TH, Hoogeveen S, Huber J, Imai N, **Imai T**, Jin L, Kirchler M, Ly A, Mandl B, Manfredi D, Nave G, Nosek BA, Pfeiffer T, Sarafoglou A, Schwaiger R, Wagenmakers EJ, Waldén V, Dreber A (2025): “Examining the Replicability of Online Experiments Selected by a Decision Market,” *Nature Human Behaviour*, 9 (2), 316–330.

2. Pace D, **Imai T**, Schwardmann P, van der Weele J (2025): “Uncertainty About Carbon Impact and the Willingness to Avoid CO₂ Emissions,” *Ecological Economics*, 227, 108401.
3. Woerner A, **Imai T**, Pace D, Schmidt K (2024): “How to Increase Public Support for Carbon Pricing,” *Nature Sustainability*, 7 (12), 1633–1641.
4. Brown AL, **Imai T**, Vieider FM, Camerer CF (2024): “Meta-analysis of Empirical Estimates of Loss Aversion,” *Journal of Economic Literature*, 62 (2), 485–516
5. Echenique F, **Imai T**, Saito K (2023): “Approximate Expected Utility Rationalization,” *Journal of the European Economic Association*, 21 (5), 1821–1864
6. **Imai T**, Rutter TA, Camerer CF (2021): “Meta-Analysis of Present-Bias Estimation Using Convex Time Budgets,” *Economic Journal*, 131 (636), 1788–1814
7. Echenique F, **Imai T**, Saito K (2020): “Testable Implications of Models of Intertemporal Choice: Exponential Discounting and Its Generalizations,” *American Economic Journal: Microeconomics*, 12 (4), 114–143
8. Lin PH, Brown AL, **Imai T**, Wang JT, Wang SW, Camerer CF (2020): “Evidence of General Economic Principles of Bargaining and Trade from 2,000 Classroom Experiments,” *Nature Human Behaviour*, 4 (9), 917–927
9. Altmejd A, Dreber A, Forsell E, Huber J, **Imai T**, Johannesson M, Kirchler M, Nave G, Camerer CF (2019): “Predicting the Replicability of Social Science Lab Experiments,” *PLOS ONE*, 14 (12), e0225826
10. **Imai T**, Kang MJ, Camerer CF (2019): “When the Eyes Say Buy: Visual Fixations during Hypothetical Consumer Choice Improve Prediction of Actual Purchases,” *Journal of the Economic Science Association*, 5 (1), 112–122
11. Camerer CF, Dreber A, Holzmeister F, Ho TH, Huber J, Johannesson M, Kirchler M, Nave G, Nosek BA, Pfeiffer T, Altmejd A, Buttrick N, Chan T, Chen Y, Forsell E, Gampa A, Heikensten E, Hummer L, **Imai T**, Isaksson S, Manfredi D, Rose J, Wagenmakers EJ, Wu H (2018): “Evaluating Replicability of Social Science Experiments in *Nature* and *Science* between 2010 and 2015,” *Nature Human Behaviour*, 2 (9), 637–644
12. Camerer CF, Dreber A, Ho TH, Huber J, Johannesson M, Kirchler M, Almenberg J, Altmejd A, Chan T, Forsell E, Heikensten E, Holzmeister F, **Imai T**, Isaksson S, Nave G, Pfeiffer T, Razen M, Wu H (2016): “Evaluating Replicability of Laboratory Experiments in Economics,” *Science*, 351 (6280), 1433–1436

Working Papers

13. **Imai T**, Toussaert S, Baillon A, Dreber A, Ertac S, Johannesson M, Neyse L, Villeval MC: “Pre-Registration and Pre-Analysis Plans in Experimental Economics”
14. Dreber A, Johannesson M, Nave G, Apicella C, Geniole S, **Imai T**, Knight E, Manfredi D, Mehta P, Proietti V, Stanton SJ, Zeltikova A, Luberti F, Ortiz T, Carré JM “No Evidence of Effects of Testosterone on Economic Preferences: Results from a Large ($N = 1,000$) Double-blind Randomized Controlled Study”

15. **Imai T**, Pace D, Schwardmann P, van der Weele J: “Correcting Consumer Misperceptions about CO₂ Emissions”
16. Echenique F, **Imai T**, Saito K: “Decision Making under Uncertainty: An Experimental Study in Market Settings”
17. **Imai T**, Zemlianova K, Kotecha N, Camerer CF: “How Common Are False Positives in Laboratory Economics Experiments? Preliminary Evidence Using the *P*-Curve Method”
18. **Imai T**, Camerer CF: “Estimating Time Preferences from Budget Set Choices Using Optimal Adaptive Design”
19. **Imai T**, Camerer CF: “Dynamics of Nonlinear Probability Weighting in In-play Horse Race Betting”

Works in Progress

20. Sasaki S, Aida T, Kamijo Y, Kurokawa H, Takeuchi A, Mitani Y, **Imai T**: “Survey on Current Practices and Attitudes Toward Pre-Registration Among Economists in Japan”
21. Leight J, Asri V, **Imai T**: “Pathways from Registration to Publication: Evidence from the AEA RCT Registry”
22. Evans D, Toussaert S, **Imai T**: “Predicting Social Science Results”
23. Popova A, Toussaert S, **Imai T**: “Time to Untie Odysseus from the Mast? Evidence Review on Commitment Demand”
24. Echenique F, **Imai T**, Saito K: “Measuring Deviations from Theories of Choice Under Risk and Uncertainty”
25. **Imai T**, Bose D, Daviet R, Nave G, Camerer CF: “Social Preference Estimation Using Adaptive Experimental Design”
26. Echenique F, **Imai T**, Saito K: “Revealed Preference Tests of Behavior in Convex Time Budget Experiments”

Inactive Projects

27. **Imai T**, Rutter TA, Camerer CF: “Meta-Analysis of Estimation of Time Discounting of Rewards”
28. Barseghyan L, **Imai T**, Saito K, Teitelbaum JC: “Revealed Preference Tests of State-Dependent Expected Utility Theory: Evidence from Insurance Choices”
29. **Imai T**: “Risk Taking in a Natural High-Stakes Setting: Wagering Decisions in *Jeopardy!*”
30. Weber R, **Imai T**, Ray D, Golovin D, Krause A, Camerer CF: “Bayesian Rapid Optimal Adaptive Design (BROAD): Method and Application”

Honors, Grants, and Scholarship

Osaka University Prize	2024
JSPS, Fund for the Promotion of Joint International Research Home-Returning Researcher Development Research (PI)	October 2023 – March 2026
BITSS SSMART Grant (Co-PI)	June 2016 – March 2017
John O. Ledyard Prize for Graduate Research in Social Science	June 2012
The Nakajima Foundation Scholarship	September 2009 – August 2014
CEMANO–COE Distinguished TA Award	March 2008
JASSO Scholarship	April 2007 – March 2009

Conference Presentations

- 2025: Allied Social Science Associations Annual Meeting (talk [13])
- 2024: 18th Annual Meeting of the Association of Behavioral Economics and Finance (panel session [20])
META-REP Conference (talk [13])
CESifo Area Conference on Behavioral Economics (talk [22])
MAER-Net Colloquium (keynote [22])
Foundations of Utility and Risk (talk [16, 22])
Science of Decision Making Conference (keynote [24])
Behavioral Decision Research in Management (talk [22])
ESA Asia-Pacific Meeting (scheduled, talk [22])
12th BITSS Annual Meeting (talk [13])
Allied Social Science Associations Annual Meeting (panel session)
- 2023: 17th Annual Meeting of the Association of Behavioral Economics and Finance (talk [15])
Southern Europe Experimental Team's Meeting (talk [18])
- 2022: CEAR/MRIC Behavioral Insurance Workshop (talk [4])
CESifo Area Conference on Behavioral Economics (talk [15])
21st Annual SAET Conference [Hybrid conference] (talk [4])

- 12th International Conference of the French Association of Experimental Economics (talk [15])
- 8th Annual Bounded Rationality in Choice Conference (poster [4])
- 2021: Annual Conference of the German Economic Association (Verein für Socialpolitik) [Virtual conference] (talk [4])
- Annual Congress of the European Economic Association [Virtual conference] (talk [4])
- European Summer Meeting of the Econometric Society [Virtual conference] (talk [18])
- Subjective Probability, Utility, and Decision Making [Virtual conference] (talk [4])
- ESA Global Online Around-the-Clock Meetings [Virtual conference] (talk [15])
- Barcelona GSE Summer Forum: External Validity, Generalizability and Replicability of Economic Experiments [Virtual conference] (talk [4])
- 13th Maastricht Behavioral and Experimental Economics Symposium [Virtual conference] (talk [4])
- 2020: CESifo Area Conference on Behavioural Economics [Virtual conference] (talk [4])
- 12th World Congress of the Econometric Society [Virtual conference] (talk [16])
- Decision: Theory, Experiments, and Applications [Virtual conference] (talk [4])
- North American Winter Meeting of the Econometric Society (talk [16])
- 2019: European Winter Meeting of the Econometric Society (talk [6])
- CESifo Area Conference on Behavioural Economics (talk [6])
- MAER-Net Colloquium (talk [6, 4])
- European Summer Symposium in Economic Theory: Advances in Behavioral Theory (talk [16, 5])
- Bayesian Crowd Conference (talk [19])
- Barcelona GSE Summer Forum: External Validity, Generalizability and Replicability of Economic Experiments (talk [8])
- 7th Annual Bounded Rationality in Choice Conference (poster [16])
- Decision: Theory, Experiments, and Applications (talk [16])
- 2018: CESifo Area Conference on Behavioural Economics (talk [5])
- European Summer Meeting of the Econometric Society (talk [5])
- SABE-IAREP Conference (talk [27])
- Economic Science Association, World Meeting (talk [5])

- Foundations of Utility and Risk (talk [5])
- Econometrics in the Castle: Machine Learning in Economics and Econometrics (poster [9])
- 2017: MAER-Net Colloquium (talk [27])
- Western Economic Association International 92nd Annual Conference (talk [27])
- Barcelona GSE Summer Forum: Stochastic Choice (talk [18])
- 2016: Society for Judgment and Decision Making 37th Annual Conference (talk [27], poster [18])
- Economic Science Association, North American Meetings (talks [18, 27])
- Foundations of Utility and Risk (talk [30], poster [7])
- Southwest Experimental and Behavioral Economics Workshop (talk [7])
- Bay Area Behavioral and Experimental Economics Workshop (talk [30])
- International Meeting on Experimental and Behavioral Social Sciences (talks [7, 30])
- 2014: Economic Science Association, International Meetings (talks [7, 10])

Seminars and Invited Talks

- 2025: Virtual East Asia Experimental and Behavioral Economics Seminar Series (scheduled), Frontiers in Behavioral and Experimental Economics: Decision
- 2024: LMU Munich, Lab² Kick-Off Meeting, Behavioural Science Meets Metascience, Summer Workshop on Economic Theory, Otaru University of Commerce, Seoul National University, Korea Advanced Institute of Science and Technology, J-TREE, International Workshop on Theoretical and Experimental Economics, The University of Tokyo, University of Pittsburgh, Carnegie Mellon University
- 2023: SEEPS Workshop, International Workshop on Experimental Economics, RISL $\alpha\beta$ Workshop on Cognitive Economics, Berlin Behavioral Economics Seminar, CIRED, Paris School of Economics
- 2022: GATE-Shandong Workshop on Behavioral and Experimental Economics, CREST/LESSAC Workshop in Experimental Economics, UC Davis (virtual), Workshop on Intertemporal Decision Making at University of Konstanz
- 2021: Behavioural Insights for Business and Policy (BIBaP) Seminar (virtual), Osaka University (Institute of Social and Economic Research, virtual), BAdW Workshop on Beliefs and Information about CO₂ Emissions (virtual), Waseda Institute of Political Economy (virtual), 8th CRC Retreat in Schwanenwerder (virtual)
- 2020: Hitotsubashi University (virtual)
- 2019: Osaka University (School of International Public Policy), Kobe University, Kyoto University (Institute of Economic Research), Ghent University, 5th CRC Retreat in Schwanenwerder

- 2018: 13th Bavarian Micro Day, 1st Japanese-German Workshop on Contracts and Incentives, 4th Hitotsubashi Summer Institute: Microeconomic Theory, Humboldt University of Berlin, Birmingham Experimental Economics Workshop, Kiel Institute for the World Economy, 3rd CRC Retreat in Schwanenwerder
- 2017: University of Vienna, 11th Bavarian Micro Day, 2nd CRC Retreat in Tutzing, University of Melbourne, Ohio State University, University of Warwick, Kyoto University (Institute of Economic Research), Osaka University (Institute of Social and Economic Research), LMU Munich, University of Amsterdam, University College London
- 2016: Caltech, Claremont Graduate University, Tilburg University, Maastricht University, University of Amsterdam, LMU Munich, Waseda University, Osaka University (Institute of Social and Economic Research)
- 2013: Tamagawa-Caltech Joint Lecture Course: Reward and Decision-Making on Risk and Aversion

Teaching Experience

Osaka University:

Behavioral and Experimental Economics II	Spring/Summer 2025
Individual Decision Making: Theory and Experiment	Winter 2023 - 2024
Reproducibility and Transparency of Empirical Social Science Research	Spring 2024, Winter 2025

LMU Munich:

Junior Faculty Mentor for Ph.D. and Master of Quantitative Economics students	2019 - 2023
Mathematics for Economists (Lecture and Tutorial)	Fall 2018 – 2022
Behavioral Economic Theory (Lecture and Tutorial)	Summer 2018 – 2020, 2022 – 2023

California Institute of Technology:

Summer Undergraduate Research Fellowship (SURF) program Co-Mentor with Professor Colin Camerer	Summer 2016
Brain, Mind, and Society, (Undergraduate, CNS/Psy 102b) Teaching assistant of Professors Colin Camerer and John O'Doherty	Spring 2016
Frontiers of Behavioral Economics (Undergraduate, Ec/Psy109a) Guest lecturer	Fall 2015

The University of Tokyo:

Game Theory (Undergraduate)	
Teaching assistant of Professor Akihiko Matsui	Summer 2008
Microeconomics II (Graduate)	
Teaching assistant of Professor Akihiko Matsui	Winter 2007

Professional Activities

Affiliation

Toyota Konpon Research Institute	
Research Advisor	April 2024 –
The Replication Network	November 2019 –
CESifo Research Network	January 2019 –
LMU Open Science Center	June 2018 – September 2023
Collaborative Research Center Transregio 190 “Rationality and Competition”	
Member of project area Bo1	October 2017 – September 2023
Meta-Analysis of Economics Research Network (MAER-NET)	October 2017 –

Discussant

17th Annual Meeting of the Association of Behavioral Economics and Finance (2023)	
“Outcome-Dependent and Sign-Dependent Time Preferences: Incentivized Intertemporal Choices Involving Effort and Money” by Shohei Yamamoto, Shotaro Shiba, and Nobuyuki Hanaki	
Economic Science Association World Meeting (2023)	
Panel session: “Pre-Registration and Pre-Analysis Plans in Experimental Economics” with Astrid Hopfensitz, Arno Riedl, and Roberto Weber	
10th CRC Retreat in Schwanenwerder (2022)	
“Non-Additivity of Subjective Beliefs over Different Time Intervals” by Peter Haan, Chen Sun, Uwe Sunde, and Georg Weizsäcker	
Young Academy in the Bavarian Academy of Sciences and Humanities (2022)	
Fireside chat: “Perspectives on the replicability of research across scientific disciplines” organized by Peter Schwardmann and Hauke Marquardt	
3rd REECAP Meeting in Osnabrück (2019)	

Roundtable discussion: “Reproducibility in Experimental Economics: Crisis or Opportunity?”

Western Economic Association International 92nd Annual Conference (2017)

“Improving Incentives to Replicate Economic Studies” by Sebastian Galiani, Paul Gertler, and Mauricio Romero

8th Annual Southern California Conference in Applied Microeconomics (2017)

“Time-Inconsistent Charitable Giving” by James Andreoni and Marta Serra-Garica

Research Visit

Stockholm School of Economics

Host: Professor Anna Dreber

September 13, 2022 - September 20, 2022

University College London

Host: Professor Toru Kitagawa

July 15-27, 2018

Referee Service

Advances in Methods and Practices in Psychological Science; American Economic Journal: Applied Economics; American Economic Journal: Microeconomics; American Economic Review; Economic Journal; Econometrica; Experimental Economics; Frontiers in Neuroscience; International Economic Review; Journal of Banking & Finance; Journal of Behavioral and Experimental Economics; Journal of Behavioral and Experimental Finance; Journal of Economic Behavior & Organization; Journal of Economic Surveys; Journal of Economic Theory; Journal of Money, Credit and Banking; Journal of Political Economy; Journal of Political Economy Microeconomics; Journal of the Economic Science Association; Journal of the European Economic Association; Management Science; Nature; Quantitative Economics; Review of Economic Studies; Review of Economics and Statistics; Social Choice and Welfare; Theory and Decision

Other

Program committee member, Metascience Conference 2025

Organizer, Workshop “Frontiers in Behavioral and Experimental Economics: Decision” 2025

Organizer, Workshop “Pre-ESA Workshop: Frontiers in Behavioral and Experimental Economics” 2025

Program committee member, 38th meeting of the European Economic Association 2023

Program committee member, 37th meeting of the European Economic Association 2022

Organizer, CAS Workshop “Prediction, Registration, and Replication of Scientific Findings”

Summer 2021

Co-organizer, Berlin-Munich Joint Virtual Seminar Series

Summer 2020

Co-organizer, Microeconomics Workshop at LMU Munich

2020

Co-organizer, “2nd Japanese-German Workshop on Contracts and Incentives”	September 2019
Junior recruiting committee member, LMU Munich	2018 - 2020

Summer School and Workshop Participation

7th Lindau Nobel Laureate Meeting on Economic Sciences	2022
NSF Data Science Workshop	2015
Russell Sage Foundation 10th Summer Institute in Behavioral Economics	2012
ICF 2nd Summer School in Behavioral Finance, Yale School of Management	2011

Last updated: April 2025