Maximilian Kasy

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Employment

Professor, Department of Economics, University of Oxford	2022-present
Visiting Professor, Department of Economics, MIT	fall 2022
Associate Professor, Department of Economics, University of Oxford	2020-2021
Associate Professor, Department of Economics, Harvard University	2016-2019
Assistant Professor, Department of Economics, Harvard University	2012-2016
Assistant Professor, Department of Economics, UCLA	2011-2012

Education

Habilitation, WU Vienna	May 2018
Ph.D. in Economics, UC Berkeley	May 2011
M.A. in Statistics, UC Berkeley	May 2008
Mag.rer.nat. in Mathematics, University of Vienna	June 2006
Mag.rer.soc.oec. in Economics, University of Vienna	June 2005

Affiliations

Executive Committee, ACM EAAMO conference	2021-present
Advisory board, Momentum Institut	2023-present
Associate of the Department of Economics, Harvard University	2020
Jain Family Institute senior research fellow (Basic Income Initiative)	2019-2021
Consulting Researcher, MSR Alice (Artificial Intelligence Project)	2017
Junior Associate Professor, Institute of Advanced Studies, Vienna	2011-present

Grants and Awards

Alfred P. Sloan Foundation research grant *"Social foundations for statistics and machine learning"*	2022-2025
Alfred P. Sloan Foundation research grant *"Publication bias and specification searching"*	2018-2022
NSF Grant SES-1354144 *"Statistical Decisions and Policy Choice"*	2014-2016

Master of Arts by Resolution, Oxford University	2020
ECINEQ Anthony Atkinson Award (with P. Fessler and P. Lindner)	2019
Marquand Award for Excellence in Advising and Support	2019
ASciNA Award Junior PI	2016
Young Economist Award, Economic Association of Austria	2014

Publications

"An Adaptive Targeted Field Experiment: Job Search Assistance for Refugees in Jordan"
(with Stefano Caria, Grant Gordon, Soha Osman, Simon Quinn, and Alex Teytelboym)
Conditionally accepted, Journal of the European Economic Association, 2023

"Matching with semi-bandits" (with Alexander Teytelboym)
Econometrics Journal, 2023, volume 26, issue 1

"Which findings should be published?" (with Alexander Frankel)
American Economic Journal: Microeconomics, 2022, volume 14, number 1

"Who wins, who loses? Tools for distributional policy evaluation"
Journal of Econometrics, 2022

"Adaptive treatment assignment in experiments for policy choice" (with Anja Sautmann)
Econometrica, 2021

"Of forking paths and tied hands: Selective publication of findings, and what economists should do
about it," *Journal of Economic Perspectives,* 2021

"Fairness, equality, and power in algorithmic decision making" (with Rediet Abebe)
ACM Conference on Fairness, Accountability, and Transparency, 2021

"Adaptive targeted infectious disease testing" (with Alexander Teytelboym)
Oxford Review of Economic Policy, 2020

"Approximate cross-validation: Guarantees for model assessment and selection" (with Lester Mackey
and Ashia Wilson), *Artificial Intelligence and Statistics,* 2020

"Identification of and correction for publication bias" (with Isaiah Andrews)
American Economic Review, 2019, volume 109, issue 8

"Choosing among regularized estimators in empirical economics" (with Alberto Abadie)
Review of Economics and Statistics, 2019, volume 101, issue 5

"How to use economic theory to improve estimators" (with Pirmin Fessler)
Review of Economics and Statistics, 2019, volume 101, issue 4

"No data in the void: Values and distributional conflicts in empirical policy research and artificial
intelligence," *Economics For Inclusive Prosperity*, 2019

"Uniformity and the delta method"
Journal of Econometric Methods, 2019, volume 8, number 1

"Survey methodology and the measurement of income inequality" (with Pirmin Fessler and Peter
Lindner) *The Journal of Economic Inequality,* 2019, volume 16, issue 4

"Optimal taxation and optimal insurance using machine learning"
    The Journal of Public Economics, 2018, volume 167

"Why experimenters might not always want randomize, and what they could do instead"
    Political Analysis, 2016, volume 24, number 3

"Partial identification, distributional preferences, and the welfare ranking of policies"
    Review of Economics and Statistics, 2016, volume 98, number 1

"Erratum 'Instrumental variables with unrestricted heterogeneity and continuous treatment'," (with
    Stefan Hoderlein, Hajo Holzmann, and Alexander Meister)
    Review of Economic Studies, 2016

"Identification in a model of sorting with social externalities and the causes of urban segregation"
    Journal of Urban Economics, 2015, volume 85

"Nonparametric inference on the number of equilibria"
    The Econometrics Journal, 2015, volume 18, number 1

"Instrumental variables with unrestricted heterogeneity and continuous treatment"
    Review of Economic Studies, 2014, volume 81, number 4
    (don't cite, please see erratum)

"The impact of changing family structures on the income distribution among Costa Rican women
    1993-2009," (with Alvaro Ramos-Chaves)
    Feminist Economics, 2014, volume 20, number 2

"Identification in Triangular Systems Using Control Functions,"
    Econometric Theory, 2011, volume 27, number 3

"A nonparametric test for path dependence in discrete panel data"
    Economics Letters, 2011, volume 113, number 2

"Semiparametrically Efficient Estimation of Conditional Instrumental Variable Parameters,"
    International Journal of Biostatistics, 2009, volume 5, issue 1, article 2

Working papers and work in progress

"Rationalizing Pre-Analysis Plans: Statistical Decisions Subject to Implementability"
    (with Jann Spiess), *Under review*

"Employing the unemployed of Marienthal: Evaluation of a guaranteed job program"
    (with Lukas Lehner)

"Adaptive maximization of social welfare" (with Nicolò Cesa-Bianchi and Roberto Colomboni)

"Evaluation of a Basic Income pilot in Germany"
    (with Susann Fiedler, Jürgen Schupp, and Frederik Schwerter)

"Surrogates, multi-tasking, and the alignment problem" (with Rediet Abebe)

Online textbook

"Empirical research on economic inequality"
     http://inequalityresearch.net/

Conferences

"Social foundations for statistics and machine learning"
https://maxkasy.github.io/home/social_foundations_workshop/

"Machine learning and economic inequality"
https://maxkasy.github.io/home/ML_inequality_conference/

"Statistics in a social context"
https://maxkasy.github.io/home/StatisticsSocialConference/

Web-apps

App for treatment assignment in adaptive experiments for policy choice
https://maxkasy.shinyapps.io/exploration_sampling_dashboard/

App for optimal treatment assignment in experiments for treatment effect estimation
https://maxkasy.github.io/home/treatmentassignment/

App for estimating publication bias using meta-studies
https://maxkasy.github.io/home/metastudy/

App for Thompson sampling for contextual bandits
https://maxkasy.github.io/home/hierarchicalthompson/

Teaching

Oxford University	Foundations of machine learning (graduate)
	Labor economics (undergraduate)
	Quantitative Economics (tutorial)
MIT	Nonlinear Econometrics (second year PhD)
Harvard University	Advances in causality and foundations of machine learning (second year PhD)
	Microeconometric methods (first year PhD)
	Empirical Research on Economic Inequality (undergraduate)
	Applied Econometrics (undergraduate)
	Topics in Econometrics (second year PhD)
	Econometrics I (first year PhD)
	Foundations of Econometrics (first year PhD)
Brown University	Advances in causality and foundations of machine learning (PhD elective)
University of Zurich	Empirical Research on Economic Inequality (PhD elective)
IHS Wien	Applied Microeconometrics (master program)
	Topics in Econometrics (master program)
	Empirical Research on Economic Inequality (master program)
UCLA	Statistics for Economists (undergraduate),
	Econometrics: Identification and Parameters of Interest (second year PhD)

| Sabancı University | Introduction to Econometrics (undergraduate) |
| UC Berkeley | GSI Graduate Macroeconomics, Graduate Econometrics |

Presentations

2023 Warwick machine learning and econometrics workshop, Lugano, IHS Vienna, MIT EECS Symposium on Social and Ethical Responsibility of Computing, Harvard Kennedy School conference Economists for Inclusive Prosperity, Behavioral Insights London, Munich, Barcelona microeconometrics workshop, Global Priorities Institute Oxford, NOeG Austria keynote

2022 AEA Winter Meetings, Econometric Society Winter Meetings, UC Irvine, Marie Jahoda Conference Sussex, University of Vienna, Berkeley Initiative on Transparency in the Social Sciences, University of Wyoming, Conference in Honor of Jim Powell at Berkeley, ENSAI-CREST Rennes, NBER Summer Institute, Asian Meeting of the Econometric Society, ETH Zurich AI & Economics Workshop, Uni Luxembourg, Harvard/MIT Econometrics

2021 Econometric Society Winter Meetings, Bristol/Warwick, Oxford econometrics lunch Paris School of Economics, Oxford Law Algorithms at Work seminar, FAccT conference, Harvard philosophy of causality seminar, UC Santa Barbara, Tilburg, ETH Zurich, Aix-Marseille, INEQ seminar Vienna, Munich Prediction, Registration, and Replication workshop, IHS Vienna, Philosophy of Science Sorbonne, Oxford Economics, Innsbruck, Philadelphia Fed, Alternative Monetary and Economics Systems conference, UK economic data science seminar, University of Florida, EAAMO conference, UCLA, University of East Anglia, BRIQ University of Bonn, INFORMS conference, Deputy ministers of Pakistan, Cologne Field Days keynote, UC Irvine, Southern Economic Association, ML & Econ at NeurIPS

2020 Workshop on Causality and Machine Learning St Gallen, Financial Conduct Authority London, Oxford Computer Science, Oxford Economics, CEU Budapest, Berkeley, University of Potsdam, DIW Berlin, DICE Düsseldorf, Gary Chamberlain Seminar of Econometrics, JFI Research Session, Econometric Society World Congress, Georgetown/World Bank, Stanford, UCL, AI Austria, NeurIPS conference, Salzburg

2019 McGill University, University of Toronto, Brandeis, Oxford, Amazon, University of Pittsburgh, Carnegie Mellon, Syracuse, Jain Family Institute, Harvard, conference "Statistics in a social context," conference honoring Whitney Newey

2018 North American Meeting of the Econometric Society, AEA machine learning session, CEU Budapest, Brandeis, CUNY, ITAM Mexico City, Federal Reserve NY, conference honoring Gary Chamberlain, Warwick, machine learning conference Munich, Bonn, Applied Econometrics Meetings Montreal, Econometric Society European meetings, Bocconi, CUNY, LSE, Humboldt University Berlin, Philosophy of Causality conference at Harvard, Northwestern University, BITTS conference at UC Berkeley, Sciences Po Paris

2017 University of Vienna, CREST Paris, Microsoft Research, IHS Wien, University of Göttingen, NBER SI Labor meetings, "Interactions" keynote at University of Toronto, keynote at "Sozialstaatsenquete" Austria, Columbia University, Sciences Po, FU Berlin

2016 Harvard reverse AGT workshop, University of Maryland, Penn State, University of Virginia, LSE, UCL, WU Wien, LMU Munich, University of Zurich, Harvard/MIT Econometrics, Harvard Development retreat, WIFO Vienna

2015 North American Meeting of the Econometric Society (Boston), University of Pittsburgh, Duke, UBC, SFU, University of Graz, Hebrew University, Tel Aviv University, WU Wien, University of Linz, Austrian National Bank, University of Rochester, Bank of Canada, Brown,

2014 North American Meeting of the Econometric Society (Philadelphia), Harvard Development Retreat, Harvard Public Finance, Georgetown, NYU, CEMFI Madrid, Warwick University, Oxford, NOeG meetings Vienna, "Interactions" workshop at the University of Chicago, UMass Amherst

2013 Harvard Labor Economics, Harvard School of Public Health, UT Austin, Princeton, Columbia, Stanford microeconometrics conference, European meeting of the Econometric Society (Gothenburg), Northwestern University, RAND Los Angeles, Stanford, UC Berkeley

2012 North American Meeting of the Econometric Society (Chicago), Harvard, USC, UCR, Conference on Partial Identification and Statistical Decisions (Cornell), Institute of Advanced Studies (Vienna), Yale University, Harvard Institute for Quantitative Social Science, University of Toronto, Boston College, Boston University

2011 UCLA, USC, NYU, Brown University, UPenn, LSE, UCL, Sciences Po Paris, Toulouse School of Economics, University of Mannheim, Université de Montreal, Penn State, California Econometrics Conference (USC), UCSD

2010 North American Meeting of the Econometric Society (Atlanta), California Econometrics Conference (Stanford), University of Amsterdam, Austrian Academy of Sciences, Institute of Advanced Studies (Vienna), University of Vienna

2009 European Meeting of the Econometric Society (Barcelona), Austrian National Bank

2008 Latin American Meeting of the Econometric Society (Rio de Janeiro)

Last update: January 2023