

Jann Spiess

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Academic Positions

STANFORD GRADUATE SCHOOL OF BUSINESS
Assistant Professor of Operations, Information & Technology, 2019–

STANFORD INSTITUTE FOR ECONOMIC POLICY RESEARCH
Faculty Fellow, 2021–

MICROSOFT RESEARCH NEW ENGLAND
Post-Doctoral Researcher in Economics, 2018/19

Degrees

HARVARD UNIVERSITY
PhD, Economics, 2018
AM, Economics, 2015
MPP, Public Policy, 2013

UNIVERSITY OF CAMBRIDGE
MASt, Mathematics (Part III of the Mathematical Tripos), with distinction, 2011

TECHNICAL UNIVERSITY OF MUNICH
BSc, Mathematics (TopMath), with high distinction, 2010

Research

Publications

Abadie, A., & Spiess, J. (2021). Robust Post-Matching Inference. *Journal of the American Statistical Association*.

Gillis, T. B., & Spiess, J. L. (2019). Big Data and Discrimination. *The University of Chicago Law Review*, 86(2), 459–488.

Ludwig, J., Mullainathan, S., & Spiess, J. (2019). Augmenting Pre-Analysis Plans with Machine Learning. *AEA Papers and Proceedings*, 109, 71–76.

Mullainathan, S., & Spiess, J. (2017). Machine Learning: An Applied Econometric Approach. *Journal of Economic Perspectives*, 31(2), 87–106.

Grants

A Welfare-Driven Approach to Explaining AI Decisions: The Case of Algorithmic Consumer Lending (with Laura Blattner), Stanford Human-Centered Artificial Intelligence (HAI) Seed Grant, 2021.

Advance the Science of Behavior Change through Machine Learning (with Behavior Change for Good Initiative and Katherine L. Milkman, Sendhil Mullainathan, Lyle Ungar), Schmidt Futures, 2019–2021.

Computational Applications for Behavioral Science (with ideas42 and Susan Athey, Guido Imbens, Jens Ludwig, Sendhil Mullainathan), Alfred P. Sloan Foundation and Schmidt Futures, 2019.

Professional Services

Refereeing

Management Science, Manufacturing & Service Operations Management, Quarterly Journal of Economics, Econometrica, American Economic Review, Review of Economic Studies, Economica, Economic Journal, Journal of Econometrics, Journal of Public Economics, Biometrika, Proceedings of the National Academy of Sciences

Program Committee

ML for Economic Policy, NeurIPS 2020

21th ACM Conference on Economics and Computation (EC'20)

20th ACM Conference on Economics and Computation (EC'19)

Session Organization

Welfare-Driven Optimal Experimentation and Targeting, INFORMS 2020

Leveraging Disparate Sources of Data and Machine Learning to Improve Causal Inference (with Johann Gagnon-Bartsch), 2019 Joint Statistical Meetings

Selected Honors

David A. Wells Prize for best dissertation, Department of Economics, Harvard University, 2018

Restud Tour, 2018

Harvard University Certificate of Distinction in Teaching, 2012, 2014, 2016

McCloy Fellow, John F. Kennedy School of Government, Harvard University, 2011–2013

Bateman Scholar, Trinity Hall, University of Cambridge, 2011

TopMath Study Award & TopMath Presentation Award, Technical University of Munich, 2010