

BRENDAN KLINE

Department of Economics, University of Texas at Austin, 2225 Speedway, Stop C3100, Austin, TX 78712
Office: BRB 2.144 · E-mail: brendan.kline@austin.utexas.edu · Web: www.brendankline.com

EMPLOYMENT

University of Texas at Austin, Department of Economics, 2012-present

Associate Professor, 2018-present

Assistant Professor, 2012-2018

EDUCATION

Ph.D. in Economics, Northwestern University · 2012

M.A. in Economics, Northwestern University · 2007

B.S. in Economics, Iowa State University · 2006

B.S. in Mathematics, Iowa State University · 2006

RESEARCH TOPICS

My research focuses on microeconometrics, with particular interests in (partial) identification and Bayesian methods. Much of my research focuses on developing methods that are relevant for structural models, particularly models based on game theory or involving interactions among decision makers.

PUBLICATIONS

[Recent developments in partial identification](#), with Elie Tamer. *Annual Review of Economics* 15 (forthcoming), 2023.

[Bayes factors based on p-values and sets of priors with restricted strength](#). *The American Statistician* 76(3): 203–213, 2022.

[Moment inequalities and partial identification in industrial organization](#), with Ariel Pakes and Elie Tamer. In Kate Ho, Ali Hortacsu, and Alessandro Lizzeri, editors, *Handbook of Industrial Organization*, volume 4, chapter 5, 345–431. North Holland (Elsevier), 2021.

[Econometric analysis of models with social interactions](#), with Elie Tamer. In Bryan Graham and Aureo de Paula, editors, *The Econometric Analysis of Network Data*, chapter 7, 149–181. Academic Press (Elsevier), 2020.

- An empirical model of non-equilibrium behavior in games. *Quantitative Economics* 9(1): 141–181, 2018.
- Identification of treatment effects with selective participation in a randomized trial, with Elie Tamer. *The Econometrics Journal* 21(3): 332–353, 2018.
- Bayesian inference in a class of partially identified models, with Elie Tamer. *Quantitative Economics* 7(2): 329–366, 2016.
- Identification of the direction of a causal effect by instrumental variables. *Journal of Business and Economic Statistics* 34(2): 176–184, 2016.
- The empirical content of games with bounded regressors. *Quantitative Economics* 7(1): 37–81, 2016.
- Identification of complete information games. *Journal of Econometrics* 189(1): 117–131, 2015.
- The price elasticity of demand for heroin: matched longitudinal and experimental evidence, with Todd Olmstead, Sheila M. Alessi, Rosalie L. Pacula, and Nancy M. Petry. *Journal of Health Economics* 41: 59–71, 2015.
- Explaining trends in body mass index using demographic counterfactuals, with Justin L. Tobias. *Econometric Reviews* 33(1-4): 172–196, 2014.
- Comment on “Social networks and the identification of peer effects” by Paul Goldsmith-Pinkham and Guido W. Imbens, with Elie Tamer. *Journal of Business and Economic Statistics* 31(3): 276–279, 2013.
- Bounds for best response functions in binary games, with Elie Tamer. *Journal of Econometrics* 166(1): 92–105, 2012.
- The Bayesian and frequentist approaches to testing a one-sided hypothesis about a multivariate mean. *Journal of Statistical Planning and Inference* 141(9): 3131–3141, 2011.
- A restriction on lobbyist donations. *Economics Letters* 104(3): 129–132, 2009.
- The wages of BMI: Bayesian analysis of a skewed treatment-response model with nonparametric endogeneity, with Justin L. Tobias. *Journal of Applied Econometrics* 23(6): 767–793, 2008.

WORKING PAPERS

- Classical p-values and the Bayesian posterior probability that the hypothesis is approximately true. 2022.
- Identification of incomplete information games in monotone equilibrium. 2017.

HONORS

“Identification of treatment effects with selective participation in a randomized trial” selected for inclusion in “[Virtual Issue: The Econometrics of Treatment Effects](#),” 2019

Summer Research Assignment at the University of Texas at Austin, 2018

[Quantitative Economics Best Paper Prize](#) in 2016 for “Bayesian inference in a class of partially identified models,” awarded in 2017

[Honorable Mention for the Zellner Thesis Award in Business and Economic Statistics](#) from the American Statistical Association, 2014

Summer Research Assignment at the University of Texas at Austin, 2013

[Phi Beta Kappa](#), 2005

[National Merit Scholar](#), 2002

GRANTS

Co-investigator, Seton Healthcare Family-University of Texas at Austin, Center for Health and Social Policy, 2015.

Co-investigator, Community Care Collaborative, 2015.

PRESENTATIONS

Departmental seminars:

Concordia/McGill/University of Montreal/UQAM, Cornell University, Duke University, Harvard University/MIT, Johns Hopkins University, London School of Economics, New York University, Northwestern University, Ohio State University, Pennsylvania State University, Purdue University, Texas A&M University, University of Arizona, University of California-Los Angeles, University of Georgia, University of Illinois at Urbana-Champaign, University of Leicester, University of Southern California, University of Texas at Austin, University of Toronto, University of Wisconsin at Madison, Vanderbilt University, Yale University

Conference presentations:

Conference on Econometrics and Models of Strategic Interactions at Vanderbilt and cemmap, Cowles Foundation Econometrics Conference at Yale University, Econometric Society World Congress at the Palais des Congrès de Montréal, Institutions and Inference at Princeton University, International Association for Applied Econometrics Annual Conference, International Society for Bayesian Analysis World Meeting (ISBA 2014), Midwest Econometrics Group at Ohio State

University, Midwest Econometrics Group at Purdue University, NSF Conference on Econometrics and Mathematical Economics hosted by Stanford University, North American Summer Meeting of the Econometric Society, North American Winter Meeting of the Econometric Society, President-Elect Featured Session at Western Economic Association 93rd Annual Conference, Recent Advances in Econometrics at Toulouse School of Economics, Recent Contributions to Inference in Game Theoretic Models at cemmap and UCL, Texas Camp Econometrics hosted by Rice University, Texas Camp Econometrics hosted by Southern Methodist University, Texas Camp Econometrics hosted by University of Houston, Texas Camp Econometrics hosted by University of Texas at Austin, Texas Economic Theory Camp at the University of Texas at Austin

ADVISING

13 graduated Ph.D. dissertation committees (including 4 as co-Chair) and 6 completed undergraduate theses, not including current and planned

TEACHING

Assistant Professor & Associate Professor at the University of Texas at Austin

Advanced Econometric Theory I (PhD field, 392M.6) · Spring semesters 2013-2015

Econometrics II (PhD core, 388D) · Fall semesters 2015-2019, Spring semesters 2020-2023

Introduction to Econometrics (upper-division undergraduate, 341K/441K) · Fall semesters 2012-2015, Spring semesters 2017-2023

Teaching Assistant at Northwestern University

Introduction to Econometrics (PhD core, 480-3) · Spring quarter 2012

Introduction to Econometrics (PhD core, 480-2) · Winter quarters 2008-2009

Microeconomics (PhD core, 410-1) · Fall quarter 2007

SERVICE

Department:

Director of Ph.D. Admissions, 2019-2020 & 2020-2021 & 2021-2022 & 2022-2023 academic years

Member of Ph.D. Progress Review Committee, 2019-2020 & 2020-2021 & 2021-2022 & 2022-2023 academic years

Member of Ph.D. Admissions Committee, 2015-2016 & 2016-2017 & 2017-2018 & 2018-2019 academic years

Member of Executive Committee, 2022-2023 & 2023-2024 academic years

Member of Undergraduate Studies Committee, 2015-2016 academic year

Profession:

Associate Editor of *Journal of Business and Economic Statistics*, 2022-present

Associate Editor of *Journal of Econometrics*, 2019-present

Associate Editor of *Journal of Econometric Methods*, 2018-present

Ad hoc refereeing:

American Economic Review, Econometrica, Econometric Reviews, Econometric Theory, Econometrics Journal, Economics Letters, Games and Economic Behavior, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Econometric Methods, Journal of Econometrics, Journal of Economic Behavior and Organization, Journal of Economic Surveys, Journal of Economic Theory, Journal of Health Economics, Journal of Human Resources, Journal of Political Economy, Labour Economics, LABOUR: Review of Labour Economics and Industrial Relations, Oxford Bulletin of Economics and Statistics, Quantitative Economics, RAND Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, Southern Economic Journal, Stat, and various funding agencies