

Isaiah Andrews

Contact Information

Harvard Department of Economics
Littauer Center M18
Cambridge, MA 02138
iandrews@fas.harvard.edu

Employment

Professor of Economics, Harvard	2018-
Silverman (1968) Family Career Development Associate Professor (untenured), MIT	2017-2018
Visiting Fellow, Yale Economics	Spring 2018
Visiting Fellow, Princeton Economics	Fall 2017
Silverman (1968) Family Career Development Assistant Professor, MIT	2016-2017
Junior Fellow, Harvard Society of Fellows	2014-2017

Education

Ph.D. in Economics, MIT	2014
B.A. in Economics and Mathematics (with Honors), Yale University	2009

Professional Activities

Associate Editor, American Economic Review	2019-
Associate Editor, Journal of Econometrics	2019-
Consulting Researcher, Microsoft Research	2017
NBER Research Associate (Labor Studies)	2016-

Publications

“A Simple Approximation for Evaluating External Validity Bias”
with Emily Oster
Economics Letters, 178, 58-62

“Weak Instruments in IV Regression: Theory and Practice”
with James Stock and Liyang Sun
Forthcoming, *Annual Review of Economics*

“Identification of and Correction for Publication Bias”
with Maximilian Kasy
Forthcoming, *American Economic Review*

“On the Structure of IV Estimands”
Forthcoming, *Journal of Econometrics*

“Valid Two-Step Identification-Robust Confidence Sets for GMM”
Review of Economics and Statistics (2018), 100(2), 337-348

“Measuring the Sensitivity of Parameter Estimates to Estimation Moments”
with Matthew Gentzkow and Jesse M. Shapiro
Quarterly Journal of Economics (2017), 132(4), 1553-1592

“Unbiased Instrumental Variables Estimation Under Known First-Stage Sign”

with Timothy B. Armstrong
Quantitative Economics (2017), 8(2), 479-503

“Conditional Linear Combination Tests for Weakly Identified Models”
Econometrica (2016), 84(6), 2155-2182

“The Allocation of Future Business: Dynamic Relational Contracts with Multiple Agents”
with Daniel Barron
American Economic Review (2016), 106(9), 2742-2759

“Conditional Inference with a Functional Nuisance Parameter”
with Anna Mikusheva
Econometrica (2016), 84(4), 1571-1612

“A Geometric Approach to Weakly Identified Econometric Models”
with Anna Mikusheva
Econometrica (2016), 84(3), 1249-1264

“Maximum Likelihood Inference in Weakly Identified DSGE Models”
with Anna Mikusheva
Quantitative Economics (2015), 6(1), 123-152

“Weak Identification in Maximum Likelihood: A Question of Information”
with Anna Mikusheva
American Economic Reviews: Papers and Proceedings (2014), 104(5), 195-199

Working Papers

“Statistical Reports for Remote Agents”
with Jesse M. Shapiro

“On the Informativeness of Descriptive Statistics for Structural Estimates”
with Matthew Gentzkow and Jesse M. Shapiro

“Inference on Winners”
with Toru Kitagawa and Adam McCloskey

“Sufficient Statistics for Optimal Social Insurance with Heterogeneity”
with Conrad Miller

“A Mean Likelihood Ratio Specification Test”

Honors and Awards

Sloan Research Fellowship	2018-2020
National Science Foundation CAREER Award	2017-2022
Robert M. Solow Prize for Excellence in Research and Teaching, MIT	2014
Review of Economic Studies Tour	2014
National Science Foundation Graduate Research Fellowship	2011-14
Ford Foundation Predoctoral Fellowship	2010-11
MIT Economics Departmental Fellowship	2009-11
Summa Cum Laude, Yale	2009
Excellence Award, Afro-American Cultural Center at Yale	2009
Phi Beta Kappa, Yale	2009
Richard U. Light Fellowship, Yale	2006

National Merit Scholarship 2005

Teaching Experience

Econometric Methods (Graduate), Harvard 2019

Statistical Methods in Economics (Graduate), MIT 2016

Nonlinear Econometrics (Graduate), MIT 2016

Seminar Presentations

2019 Boston College

2018 Berkeley, Brandeis, Harvard/MIT, Harvard Statistics, UC Irvine, UCLA, UConn, UCSD, Wisconsin, Yale

2017 Brown, Carlos III, CEMFI, CREST, Harvard Applied Statistics, Montreal Econometrics Seminar, Penn State, Princeton, Simon Fraser University, Toulouse School of Economics, UPenn

2016 Chicago, Columbia, Erasmus, ITAM, MIT, Ohio State, Stanford (Econ and GSB), Tilberg, Tinbergen Institute

2015 Boston University, Chicago Booth- Marketing, Maryland- Baltimore County, Maryland- College Park, Michigan- Ann Arbor, LSE, Oxford, UCL, Wesleyan, Yale

2014 Brown, Cambridge, Chicago Booth- Econometrics and Statistics, Colegio Carlo Alberto, Columbia, Cornell, FGV, INSEAD, Penn State, Princeton, Northwestern, NYU, UPenn, Wisconsin-Madison, Yale

Conference Presentations

UCL Advances in Econometrics Conference 2018, REStud Conference 2018, Vanderbilt Conference on Identification 2018, CEF 2017, Duke DITE conference 2017, Tinbergen Institute Conference on Inference Issues in Econometrics 2017, Duke CEME Conference 2016, Oxford Conference on New Approaches to the Identification of Macroeconomics Models 2016, Econometric Society World Congress 2015, Chicago Interactions Conference 2014, WISE Conference in Honor of Jerry Hausman 2014, Cowles Summer Conference 2014, NBER Summer Institute 2013, Econometric Society North American Winter Meeting 2012, 2013, 2015, Canadian Econometrics Study Group 2011