

## Jason Abrevaya

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### Education

Massachusetts Institute of Technology, Ph.D. (Economics), 1996  
Thesis advisers: Jerry Hausman, Whitney Newey

Harvard University, A.B. (Applied Mathematics and Economics), summa cum laude, 1992

### Employment

Professor, University of Texas, Department of Economics, August 2007 – present  
Murray S. Johnson Chair in Economics, September 2015 – present  
Department Chair, September 2011 – present  
Graduate Advisor, September 2009 – August 2011

Research Associate, University of Texas, Population Research Center, August 2008 – present

Associate Professor, Purdue University, Department of Economics, July 2002 – August 2007  
Director of Graduate Studies and Area Coordinator, July 2005 – June 2007

Associate Professor, University of Chicago Grad. School of Business, July 2000 – June 2002  
Visiting Associate Professor, Fall 2002 and Spring 2004

Assistant Professor, University of Chicago Grad. School of Business, July 1996 – June 2000

### Courses Taught

Econometrics I (Ph.D.), Microeconometrics (Ph.D.), Advanced Econometrics (Ph.D.), Panel Data Econometrics (Ph.D.), Econometrics (M.A.), Applied Regression Analysis (MBA), Business Statistics (MBA), Business and Economics of the Sports Industry (MBA), Introduction to Econometrics (undergraduate), Hazard/Duration Modeling (graduate)

### Honors and Grants

National Science Foundation grant (SES-0921208), July 2009 – June 2012  
("Empirical approaches using correlated random effects models")

Robert Wood Johnson Foundation, September 2005 – August 2008  
("The effectiveness of cigarette taxation in deterring smoking during subsequent pregnancies")

National Science Foundation grant (SES-0451660), July 2005 – June 2007  
 (“Topics in bootstrapping and estimation for semiparametric econometric models”)

University Faculty Scholar, Purdue University, 2005 – 2007

Honeywell Research Award, Purdue University, Krannert School of Management, 2005

Kinley Trust Grant, Purdue University, 2004 – 2005  
 (Project title: “The effectiveness of cigarette taxation for reducing smoking during pregnancy and improving birth outcomes”)

John & Mary Willis Young Faculty Scholar, Purdue University, Krannert School of Management, 2002 – 2003

National Science Foundation grant (SES-9986298), July 2000 – June 2002  
 (Project title: “Testing for curvature in economic applications”)

IBM Corporation Scholar, University of Chicago GSB, 2000 – 2001

National Science Foundation grant (SBR-9730155), April 1998 – March 1999  
 (Project Title: “Rank estimation of econometric models”)

Zellner Thesis Award in Business and Economic Statistics, honorable mention, 1997

National Science Foundation Graduate Fellowship, 1992 – 1995

Phi Beta Kappa (“Junior 12”), Harvard University, 1991

## **Publications**

A GMM approach for dealing with missing data on regressors (with Stephen Donald), forthcoming, *Review of Economics and Statistics*.

Estimating conditional average treatment effects (with Yu-Chin Hsu and Robert Lieli), 2015, *Journal of Business and Economic Statistics*, 33: 485-505.

Estimation of censored panel-data models with slope heterogeneity (with Shu Shen), 2014, *Journal of Applied Econometrics*, 523-548.

Reversal of fortune: a statistical analysis of penalty calls in the National Hockey League (with Robert McCulloch), 2014, *Journal of Quantitative Analysis in Sports*, 10: 207-224.

“Beauty is the promise of happiness”? (with Daniel Hamermesh), 2013, *European Economic Review*, 64: 351-368.

The projection approach for unbalanced panel data, 2013, *Econometrics Journal*, 16: 161-178.

- Taxes, cigarette consumption, and smoking intensity: comment (with Laura Puzzello), 2012, *American Economic Review*, 102: 1751-1763.
- Charity and favoritism in the field: are female economists nicer (to each other)? (with Daniel Hamermesh), 2012, *Review of Economics and Statistics*, 94: 202-207.
- Effectiveness of state-level vaccination mandates: evidence from the varicella vaccine (with Karen Mulligan), 2011, *Journal of Health Economics*, 30: 966-976.
- Rank estimation of partially linear index models (with Youngki Shin), 2011, *Econometrics Journal*, 14: 409-437.
- Body mass index in families: spousal correlation, endogeneity, and intergenerational transmission (with Hongfei Tang), 2011, *Empirical Economics*, 41: 841-864.
- Temper, temperature, and temptation: heat-related retaliation in baseball (with Richard Larrick, Thomas Timmerman, and Andrew Carton), 2011, *Psychological Science*, 22(4): 423-428. Winner of the 2012 Cialdini Award from the Society for Personality and Social Psychology.
- Testing for causal effects in a generalized regression model with endogenous regressors (with Jerry Hausman and Shakeeb Khan), 2010, *Econometrica*, 78: 2043-2061.
- Are there missing girls in the United States? Evidence from birth data, 2009, *American Economic Journal: Applied Economics*, 1(2): 1-34. (lead article)
- The effects of birth inputs on birthweight: evidence from quantile estimation on panel data (with Christian Dahl), 2008, *Journal of Business and Economic Statistics*, 26: 379-397. (lead article)
- Trends and determinants of second-pregnancy smoking among young-adult mothers who smoked during their first pregnancy, 2008, *Nicotine and Tobacco Research*, 10: 951-957.
- On recombinant estimation for experimental data, 2008, *Experimental Economics*, 11: 25-52.
- Reply to “Comment on ‘Fit to be tied: the incentive effects of overtime rules in professional hockey,’” 2008, *Journal of Sports Economics*, 5: 555-556.
- Adoption of technology-mediated distance education: a longitudinal analysis (with Zafer Ozdemir), 2007, *Information and Management*, 44: 467-479.
- Estimating the effect of smoking on birth outcomes using a matched panel-data approach, 2006, *Journal of Applied Econometrics*, 21: 489-519.
- On the bootstrap of the maximum score estimator (with Jian Huang), 2005, *Econometrica*, 73: 1175-1204.

A nonparametric approach to measuring and testing curvature (with Wei Jiang), 2005, *Journal of Business and Economic Statistics*, 23: 1-19. (lead article)

Isotonic quantile regression: asymptotics and bootstrap, 2005, *Sankhya*, 67: 187-199.

Response error in a transformation model with an application to earnings-equation estimation (with Jerry Hausman), 2004, *Econometrics Journal*, 7: 366-388.

Fit to be tied: the incentive effects of overtime rules in professional hockey, 2004, *Journal of Sports Economics*. 5: 292-306.

Pairwise-difference rank estimation of the transformation model, 2003, *Journal of Business and Economics Statistics*, 21: 437-447.

Computing marginal effects in the Box-Cox model, 2002, *Econometric Reviews*, 21: 383-393

Ladder tournaments and underdogs: lessons from professional bowling, 2002, *Journal of Economic Behavior and Organization*, 47: 87-101.

The effects of demographics and maternal behavior on the distribution of birth outcomes, 2001, *Empirical Economics*, 26: 247-257.

Rank estimation of a generalized fixed-effects regression model, 2000, *Journal of Econometrics*, 95: 1-23. (lead article)

Testing for a treatment effect in a heterogeneous population: a modified sign-test statistic and a leapfrog statistic, 2000, *Journal of Applied Statistics*, 27: 679-687.

Leapfrog estimation of a fixed-effects model with unknown transformation of the dependent variable, 1999, *Journal of Econometrics*, 93: 203-228. (lead article)

Semiparametric estimation with mismeasured dependent variables: an application to duration models for unemployment spells, 1999, *Annales d'Economie et de Statistique*, 55/56: 243-275 (with Jerry Hausman).

Rank estimation of a transformation model with observed truncation, 1999, *Econometrics Journal*, 2: 292-305.

Computation of the maximum rank correlation estimator, 1999, *Economics Letters*, 62: 279-285.

Rank regression for current-status data: asymptotic normality, 1999, *Statistics and Probability Letters*, 43: 275-287.

Misclassification of the dependent variable in a discrete-response setting, 1998, *Journal of Econometrics*, 87: 239-269 (with Jerry Hausman and Fiona Scott-Morton).

The equivalence of two estimators of the fixed-effects logit model, 1997, *Economics Letters*, 55: 41-43.

## **Papers under Submission/Revision**

On estimation of partial effects in non-linear panel data models (with Yu-Chin Hsu), revise and resubmit.

Missing dependent variables in fixed-effects models, submitted.

## **Working Papers and Work in Progress**

Gender asymmetry in the relationship between adolescent bodyweight and human capital formation

## **Book Chapters**

“Hockey: game design and overtime,” 2012, in *The Oxford Handbook of Sports Economics: The Economics of Sports Volume 1*, pp. 177-193.

## **Reviews**

Review of *Nonparametric Econometrics* (by Adrian Pagan and Aman Ullah), 2001, *Economic Journal*, F471-F472.

## **Professional Activities**

Editor, *Journal of Econometric Methods*, 2010-present (Founding Co-Editor)

Associate Editor, *Journal of Econometrics*, 2013-present

Associate Editor, *Journal of Applied Econometrics*, 2008-present

Associate Editor, *Journal of Business and Economic Statistics*, 2006-2016

Associate Editor, *Empirical Economics*, 2006-2012

Coordinator, Midwest Econometrics Group annual meeting, 2005-2012

External department reviewer, IUPUI (2012, chair)

Referee/reviewer: *American Economic Journal: Applied Economics*, *American Economic Review*, *American Journal of Political Science*, *American Journal of Public Health*, *Annals of Finance*, *Annals of the Institute of Statistical Mathematics*, *Annual Review of Economics*, *BE Journal of Economic Analysis and Policy*, *Biometrics*, *Computational Statistics and Data Analysis*, *Demographic Research*, *Demography*, *Eastern Economic Journal*, *Econometric Reviews*, *Econometrics Journal*, *Econometric Theory*, *Econometrica*, *Economica*, *Economic Development and Cultural Change*, *Economic Inquiry*, *Economics Letters*, *Economic Theory*,

*Empirical Economics, European Economic Review, European Research Council, Experimental Economics, Games and Economic Behavior, Health Economics, Industrial and Labor Relations Review, International Economic Review, International Journal of Industrial Organization, Journal of Applied Econometrics, Journal of Business, Journal of Business and Economic Statistics, Journal of Development Economics, Journal of Econometrics, Journal of Economic Education, Journal of Health Economics, Journal of Human Capital, Journal of Human Resources, Journal of Population Economics, Journal of Productivity Analysis, Journal of Sports Analytics, Journal of Sports Economics, Journal of Statistical Planning and Inference, Journal of the American Statistical Association, Journal of the Economic Science Association, National Science Foundation, Oxford Bulletin of Economics and Statistics, Pediatrics, Political Analysis, Population Research and Policy Review, Preventive Medicine, Production and Operations Management, Quarterly Journal of Economics, Review of Economics and Statistics, Research Grants Council of Hong Kong, Review of Economic Studies, Robert Wood Johnson Foundation, Sankhya, Scandinavian Journal of Statistics, Social Science and Medicine, Southern Economic Journal, Statistica Sinica, Telecommunications Policy Journal, Transportation Research (Part B)*

Textbook/manuscript reviewer: Academic Press, Addison-Wesley, Cambridge University Press, Kluwer, McGraw-Hill, MIT Press, Routledge, Springer-Verlag, USDA (Agricultural Resource Management Survey)

Invited university seminar presentations: University of Arizona, Brown University, UC-Berkeley, UC-Davis, UC-Irvine, Caltech, University of British Columbia, University of Chicago (GSB and economics), Clemson University, Columbia University, Cornell University, Duke University, University of Georgia, University of Houston, University of Illinois, Indiana University, IUPUI, Johns Hopkins University, University of Michigan, Michigan State University, New York University, Northern Illinois University, Northwestern University, Ohio State University, University of Oklahoma, University of Pennsylvania, Princeton University, Purdue University, Rice University, University of Rochester, Simon Fraser University, University of Southern California, Stanford University (GSB and economics), Syracuse University, University of Tennessee, University of Texas, Texas A&M, Tulane University, Vanderbilt University, University of Virginia, University of Wisconsin, University of Wisconsin-Milwaukee, Yale University. Australia: University of Adelaide, Australian National University, Deakin University, University of Melbourne, Monash University, University of New South Wales, University of Sydney, University of Wollongong.