Sebastian Calonico
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Contact Information

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Academic Positions

Assistant Professor. Department of Economics, University of Miami. 2014 - present.

Education

Ph.D. in Economics, University of Michigan. 2014.

M.A. in Statistics, University of Michigan. 2012.

M.A. in Economics, Torcuato Di Tella University, Argentina. 2005.

B.A. in Economics, University of Buenos Aires, Argentina. 2002.

Main Publications

1. "On the Effect of Bias Estimation on Coverage Accuracy in Nonparametric Inference", with Matias Cattaneo and Max Farrell.
   Journal of the American Statistical Association, forthcoming.

2. "The Women of the National Supported Work Demonstration", with Jeffrey Smith.
   Journal of Labor Economics, 35(S1): S65-S97, 2017.

3. "Long-term Health Spending Persistence among the Privately Insured", with Richard Hirth, Teresa Gibson, Helen Levy, Jeffrey Smith, and Anup Das.
   Fiscal Studies, 37(3-4): 749-783, 2016.

4. "Optimal Data-Driven Regression Discontinuity Plots", with Matias Cattaneo and Rocio Titiunik.
   Journal of the American Statistical Association, 110(512): 1753-1769, 2015.

5. "New Evidence on the Persistence of High Health Spending", with Richard Hirth, Teresa Gibson, Helen Levy, Jeffrey Smith, and Anup Das.
   Medical Care Research and Review, 72(3): 277-297, 2015.

6. "Robust Nonparametric Confidence Intervals for Regression-Discontinuity Designs", with Matias Cattaneo and Rocio Titiunik.
   Econometrica, 82(6): 2295-2326, 2014.

Statistical Software Publications

7. "`rdrobust` : Software for Regression Discontinuity Designs", with Matias Cattaneo, Max Farrell and Rocio Titiunik. *Stata Journal*, 17(2): 372-404, 2017. [`software`]

8. "`rdrobust`: An `R` Package for Robust Nonparametric Inference in Regression-Discontinuity Designs", with Matias Cattaneo and Rocio Titiunik. *R Journal*, 7(1): 38-51, 2015. [`CRAN`]

9. "Robust Data-Driven Inference in the Regression-Discontinuity Design", with Matias Cattaneo and Rocio Titiunik. *Stata Journal*, 14(4): 909-946, 2014. [`software`]

Book Chapters and Other Publications

10. "Measuring the Impact of the US Financial Crisis on Salvadoran Migrants and Family Remittances", with D. Aycinena, G. Inchauste, C. Martinez, and D. Yang. Chapter in *Financing the Family: Remittances to Central America in a Time of Crisis*, ed. by G. Inchauste and E. Stein, Palgrave Macmillan, 143-164, 2013.

11. "Gender Segregation in the Workplace and Wage Gaps: Evidence from Urban Mexico 1994-2004", with Hugo Nopo. Chapter in *Occupational and Residential Segregation (Research on Economic Inequality, Vol. 17)*, ed. by Y. Fluckiger, S. Reardon and J. Silber, Emerald Group Publishing Ltd., 245-270, 2009.

12. "To What Extent Do Latin Americans Trust and Cooperate? Field Experiments on Social Exclusion in Six Latin American Countries", with N. Candelo, J. C. Cardenas, A. Chong and H. Nopo. Chapter in *Outsiders? The Changing Patterns of Exclusion in Latin America and the Caribbean*, ed. by J. Mazza; G. Marquez; H. Nopo; S. Duryea and A. Chong, Harvard University Press, 123-148, 2007.

13. "Where did you go to School? Private-Public Differences in Schooling Trajectories and their Role on Earnings", with Hugo Nopo. *Well-Being and Social Policy* 3(1): 25-46, 2007.

Working Papers

14. "Regression Discontinuity Designs using Covariates", with Matias Cattaneo, Max Farrell and Rocio Titiunik.
Revision requested by *Review of Economics and Statistics*.

15. "Multivalued Treatments and Decomposition Analysis: An application to the WIA Program", with Wallice Ao and Ying-Ying Lee.

16. "`nprobust`: Nonparametric Kernel-Based Estimation and Robust Bias-Corrected Inference", with Matias Cattaneo and Max Farrell. [`software`]

17. "Identifying Distributional Effects of Teachers and Peers in Nonseparable Models".

18. "Coverage Error Optimal Confidence Intervals for Regression Discontinuity Designs", with Matias Cattaneo and Max Farrell.

19. "Are Participants Good Evaluators? Evidence from the National Supported Work Demonstration", with Jeffrey Smith.

Presentations & Invited Conferences

2018. Vanderbilt University (scheduled), University of Notre Dame (scheduled), University of Georgia (scheduled), Syracuse University (scheduled).

2017. UC-Davis ARE, North American Summer Meeting of the Econometric Society (Washington University in St. Louis), Midwest Econometrics Group Annual Meeting (Texas A&M University), Latin American Meeting of the Econometric Society (Universidad de San Andres), CMS Statistics (University of London).

2016. NBER Labor Studies Group Spring Meeting, Advances in Econometrics Conference, COMPIE, LACEA/LAMES Annual Meeting.

2015. Institute for Fiscal Studies, Barcelona GSE Summer Forum, University of Michigan Summer Econometrics Workshop, Econometric Society World Congress, Inter-American Development Bank Research Department.

2014. University of Miami, IFPRI, Emory University, University of Iowa.

2013. Midwest Econometrics Group Annual Meeting, University of Michigan Econometrics Seminar.

Professional Activities

1. Session organizer, "Recent developments on program evaluation methods", 10th International Conference on Computational and Methodological Statistics, University of London, UK, 16-18 December 2017.

2. Referee Experience: *Review of Economics and Statistics, Journal of Econometrics, Journal of the American Statistical Association, Journal of Business & Economic Statistics, Journal of Applied Econometrics, Journal of Econometric Methods, Journal of Applied Statistics, European Economic Review, Studies in Nonlinear Dynamics, American Political Science Review, Assessment in Education: Principles, Policy & Practice, Statistics in Medicine, Journal of Agricultural Economics, Stata Journal, Computational Economics, Science, National Science Foundation.*

3. Consultant Experience: Inter-American Development Bank, Research Department. $2005 - 2007$.

Awards, Fellowships and Grants

2017. *Statistical Software Award* for developing statistical software that makes a significant research contribution, Society for Political Methodology. Software: RD Designs Packages [software]

2017. *Citations of Excellence Award* for highly cited papers relating to the areas of Business Management, Finance, Accounting, Economics and Marketing, Emerald Group Publishing.
Paper: "Robust Nonparametric Confidence Intervals for Regression-Discontinuity Designs".

2015. *Gosnell Prize* for best work in methodology presented at any political science conference, Society for Political Methodology. Paper: "Robust Nonparametric Confidence Intervals for Regression-Discontinuity Designs".

2013. Rackham One-Term Dissertation Fellowship, University of Michigan.

2007. Regents Fellowship. Rackham Graduate School, University of Michigan.

2007. Academic Club Award for Best M.A. Thesis, University of St. Gallen.

Teaching Experience

Department of Economics, University of Miami: Ph.D. Econometrics I (ECO 600), Undergraduate Econometrics (ECO 430), Labor Economics (ECO 311).

Department of Economics, University of Michigan: Ph.D. Econometrics I & II (ECO 671/672), Undergraduate Econometrics (ECO 406).

Short Courses and Workshops

2018. Regression Discontinuity Designs, ICPSR Summer Program. University of Michigan (scheduled).

2017. Regression Discontinuity Designs, ICPSR Summer Program. University of Michigan.

2017. Regression Discontinuity Designs, Winter School in Methodology and Data Analysis. Universidad Catolica. Montevideo, Uruguay.