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ACADEMIC POSITIONS

Columbia University, Department of Health Policy & Management.

Assistant Professor.

May 2019–

University of Miami, Department of Economics.

Assistant Professor.

2014 – 2019

EDUCATION

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

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

M.A. in Economics, University of Michigan, 2011.

Master in Economics, Universidad Torcuato Di Tella, 2005.

Licentiate in Economics, Universidad de Buenos Aires, 2002.

PUBLICATIONS

QUANTITATIVE METHODS AND ECONOMETRICS

1. “Multivalued Treatments and Decomposition Analysis: An application to the WIA Program” with Wallace Ao and Ying-Ying Lee.
Journal of Business & Economic Statistics, 39(1): 358-371, 2021.
2. “Optimal Bandwidth Choice for Robust Bias Corrected Inference in Regression Discontinuity Designs” with Matias Cattaneo and Max Farrell.
Econometrics Journal, 23(2): 192-210, 2020.
3. “Regression Discontinuity Designs using Covariates” with Matias Cattaneo, Max Farrell and Rocio Titiunik.
Review of Economics and Statistics, 101(3): 442-451, 2019.
4. “On the Effect of Bias Estimation on Coverage Accuracy in Nonparametric Inference” with Matias Cattaneo and Max Farrell.
Journal of the American Statistical Association, 113(522): 767-779, 2018.
5. “Optimal Data-Driven Regression Discontinuity Plots” with Matias Cattaneo and Rocio Titiunik.
Journal of the American Statistical Association, 110(512): 1753-1769, 2015.
6. “Robust Nonparametric Confidence Intervals for Regression-Discontinuity Designs” with Matias Cattaneo and Rocio Titiunik.
Econometrica, 82(6): 2295-2326, 2014.

APPLIED ECONOMICS AND PUBLIC HEALTH

7. “Association of negative financial shocks during the great recession with depressive symptoms and substance use in the United States: the CARDIA Study” with Swift SL, Elfassy T, Bailey Z, Florez H, Feaster D, Sidney S, Kiefe CI, Zeki Al Hazzouri A.
Journal of Epidemiology and Community Health, forthcoming.
8. “Racial discrimination in medical care settings and opioid pain reliever misuse in a U.S. cohort: 1992 to 2015” with SL Swift, Glymour M, Elfassy T, C Lewis, C Kiefe, S Sidney, D Feaster, Z Bailey, A Zeki Al Hazzouri.
PLOS ONE, 14(12), 2019.
9. “Associations of Income Volatility with Incident Cardiovascular Disease and All-Cause Mortality in a US Cohort” with Elfassy T, Swift SL, Glymour MM, Jacobs DR Jr, Mayeda ER, Kershaw KN, Kiefe C, Zeki Al Hazzouri A.
Circulation, 139(7): 850-859, 2019.
10. “The Women of the National Supported Work Demonstration” with Jeffrey Smith.
Journal of Labor Economics, 35(S1): S65-S97, 2017.
11. “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.
12. “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.

STATISTICAL SOFTWARE

13. “[nprobust](#): Nonparametric Kernel-Based Estimation and Robust Bias-Corrected Inference” with M Cattaneo and M Farrell.
Journal of Statistical Software, 91(8), 2019.
14. “[rdrobust](#): Software for Regression Discontinuity Designs” with M Cattaneo, M Farrell and R Titiunik.
Stata Journal, 17(2): 372-404, 2017.
15. “[rdrobust](#): An R Package for Robust Nonparametric Inference in Regression-Discontinuity Designs” with M Cattaneo and R Titiunik.
R Journal, 7(1): 38-51, 2015.
16. “Robust Data-Driven Inference in the Regression-Discontinuity Design” with M Cattaneo and R Titiunik.
Stata Journal, 14(4): 909-946, 2014.

BOOK CHAPTERS AND OTHERS

17. “Measuring the Impact of the US Financial Crisis on Salvadoran Migrants and Family Remittances”, with D. Aycinena, G. Inchauste, C. Martinez, and Dean 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.
18. “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, 245-270, 2009.
19. “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.
20. “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

21. “Coverage Error Optimal Confidence Intervals for Local Polynomial Regression”, with Matias Cattaneo and Max Farrell.
22. “Distributional Effects of Teachers and Peers in Nonseparable Models”.
23. “*mvte*: Estimation and Inference for Multi-valued Treatment Effects”, with Matias Cattaneo and David Drukker.
24. “Are Participants Good Evaluators? Evidence from the National Supported Work Demonstration”, with Jeffrey Smith.
25. “Evaluating early life risk factors for late life health outcome using probabilistic matching of early and late life cohorts”, with Adina Zeki Al Hazzouri, Katrina Kezios, Scott Zimmerman, and Maria Glymour.

RECENT CONFERENCES & SEMINARS

2021. Washington State University, Weill Cornell Medicine Division of Health Policy and Economics.
2020. ASSA Meeting San Diego, 8th UDEP Workshop for Young economists, Stony Brook Economics Seminar.
2019. American University of Beirut, NASMES, LACEA/LAMES, SEA, CMS Statistics.
2018. Vanderbilt University, University of Notre Dame, NASMES, IAAE, Syracuse University, Lima School of Economics, SEA, University of Georgia.
2017. UC-Davis ARE, NASMES (Washington University in St. Louis), Midwest Econometrics Group (Texas A&M University), GRADE, LACEA/LAMES, CMS Statistics (University of London).
2016. NBER Labor Studies Group Spring Meeting, Advances in Econometrics Conference, COMPIE, LACEA/LAMES.

SHORT COURSES AND WORKSHOPS

2020. Empirical Methods in Causal Inference, Lima School of Economics.
- 2017 - 2020. Regression Discontinuity Designs. University of Michigan ICPSR Summer Program.
2017. Regression Discontinuity Designs. Universidad Catolica de Montevideo, Uruguay.

HONORS AND AWARDS

2018. *Emerging Scholar Award*, University of Miami.
2017. *Statistical Software Award*, Society for Political Methodology. Software: [RD Packages](#)
2017. *Citations of Excellence Award*, Emerald Group Publishing.
Paper: “Robust Nonparametric Confidence Intervals for Regression-Discontinuity Designs”.
2015. *Gosnell Prize*, 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, University of St. Gallen.

TEACHING EXPERIENCE

Columbia University: Analytics for Decision-Making II.

University of Miami: Ph.D. Econometrics, Undergraduate Econometrics, Undergraduate Labor Economics.

EXTERNAL RESEARCH GRANTS

2019. NIH/NIA (1R56 AG061177-01A1). Statins and Dementia Risk: A Novel Quasi-Experimental Approach to Identify Causal Effects. PIs: Odden, Michelle Christina; Zeki Al Hazzouri, Adina. Role: Co-I.

PROFESSIONAL ACTIVITIES

1. Session organizer: “Advances in regression discontinuity models”. 12th International Conference on Computational and Methodological Statistics, University of London, UK, 2019.
2. University of Miami. Latin America and Caribbean Initiative Faculty Steering Group Member, 2018.
3. Program Committee Member LAMES/LACEA, 2018.
4. Session organizer: “Recent advances in nonparametric methods”. 11th International Conference on Computational and Methodological Statistics, University of Pisa, Italy, 2018.
5. Session organizer: “Recent developments on program evaluation methods”. 10th International Conference on Computational and Methodological Statistics, University of London, UK, 2017.
6. Program Committee Member LAMES/LACEA, 2016.
7. Referee Experience:

ECONOMICS: *American Economic Review*, *Review of Economics and Statistics*, *Journal of Econometrics*, *Journal of Business & Economic Statistics*, *Quantitative Economics*, *Journal of Applied Econometrics*, *Journal of Econometric Methods*, *Econometrics Journal*, *American Economic Journal: Economic Policy*, *Economic Letters*, *Economic Journal*, *Economic Development and Cultural Change*, *Journal of International Development*, *International Economic Review*, *Oxford Bulletin of Economics and Statistics*, *European Economic Review*, *Journal of Economic Surveys*, *Studies in Nonlinear Dynamics*.

STATISTICS: *Journal of the American Statistical Association*, *Journal of the Royal Statistical Society: Series A*, *Journal of Applied Statistics*, *Journal of Causal Inference*, *Annals of Applied Statistics*, *Entropy*, *Statistica Sinica*.

SOCIAL SCIENCES AND HEALTH POLICY: *American Journal of Political Science*, *American Political Science Review*, *British Journal of Political Science*, *Journal of Politics*, *Assessment in Education: Principles, Policy & Practice*, *Statistics in Medicine*, *Journal of Agricultural Economics*, *Stata Journal*, *Computational Economics*, *BMC Public Health*, *PLOS One*, *Science*.

8. Grant reviewer: *National Science Foundation*, *European Research Council*.
9. Consultant. Inter-American Development Bank, Research Department. 2005 – 2007.

ACADEMIC AFFILIATIONS

American Economic Association, Lima School of Economics Associate