Maestría en Economía. Universidad Nacional de La Plata. 2019

Métodos de Evaluación de Impacto de Políticas Públicas

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Objetivo del curso

Este curso tiene como objetivo estudiar las técnicas microeconométricas más comúnmente utilizadas para la evaluación de impacto de políticas públicas, con énfasis en programas sociales. Se estudiarán las distintas técnicas para evaluar programas con diseños experimentales y no experimentales, enfatizando los supuestos necesarios para la validez de cada técnica. Las principales metodologías de evaluación de impacto serán ilustradas con ejemplos tanto argentinos como internacionales.

Evaluación: Trabajos prácticos (1/3 nota final), referato (1/6 nota final) y un examen presencial (1/2 nota final). Para aprobar el curso también es necesario asistir como mínimo al 75% de las clases dictadas.

Entrega TPs:
Primer TP: 3/5
Segundo TP: 7/6
Entrega referato: 7/6

Clases Prácticas: Viernes 26/4, 13:00 hs y Viernes 31/5 , 13:00

Fecha de entrega Examen Final: a confirmar

Material del curso: Las filminas del curso pueden obtenerse de la página https://sites.google.com/a/cedlas.org/program_evaluation/

Textos sugeridos:

Abadie, Alberto y Matias D. Cattaneo. (2018). Econometric Methods for Program Evaluation Annual Review of Economics, 10:1, 465-503

Angrist, J. y J.S. Pischke. (2014). Mastering 'Metrics: The Path from Cause to Effect, Princeton University Press.

Angrist, Joshua and Jorn-Steffen Pischke. (2008) Mostly Harmless Econometrics: An Empiricists's Companion. Princeton University Press.

Cunningham, Scott. (2018). Causal Inference: The Mixtape

Gerber, A and D Green (2012) Field Experiments, W.W. Norton Company

Glennerster, R and K. Takavarasha (2013): Running Randomized Evaluations, a practical guide, Princeton University Press

Imbens G and D Rubin (2015): Causal Inference for Statistics, Social and Biomedical Sciences, Cambridge University Press

Shadish, W., Cook, T., y Campbell, D. (2002). Experimental and quasi-experimental designs for generalized causal inference. Hoghgton Mifflin.

Wooldridge, Jeffrey.(2010) Econometric Analysis of Cross Section and Panel Data. Cambridge, MA: MIT Press, Second Edition.

Blogs útiles para la materia:
Blog del Banco Mundial http://blogs.worldbank.org/impactevaluations/
Blog de Chris Blattman http://chrisblattman.com/

1) A. Introducción:

Ayres, Ian. Super Crunchers.(2007) Bantam Books: New York. Capítulos 1 y 2.

B. El ideal experimental

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Angrist, Joshua and Alan Krueger. 1999. "Empirical Strategies in Labor Economics," in Orley Ashenfelter and David Card, eds., Handbook of Labor Economics, Vol.3. Amsterdam: Elsevier Science.

C. Análisis de Regresión
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D. El problema fundamental de la evaluación.

Angrist, J.D, and Alan B. Krueger, (2001), "Instrumental Variables and the Search for Identification: From Supply and Demand to Natural Experiments", Journal of Economic Perspectives—15 (4) – 69-85.

Hamermesh, D, (1999) "The Art of Labormetrics", NBER Working Paper, 6927

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McCloskey, D.N.and S. T. Ziliak, (1996), “The Standard Error of Regressions”, Journal of Economic Literature, 34,(1) pp. 97-114.

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2) Experimentos Aleatorios y Experimentos Naturales

Shadish, W., Cook, T., y Campbell, D. (2002). Experimental and quasi-experimental designs for generalized causal inference. Hoghgton Mifflin.

Duflo, Esther, Rachel Glennerster y Michael Kremer (2006). Using Randomization in Development Economics Research: A Toolkit, BREAD Working Paper No. 136, December

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List, John, Sally Sadoff and Mathis Wagner (2010) So you want to run an experiment, now what? Some Simple Rules of Thumb for Optimal Experimental Design, NBER Working paper 15701

Aplicaciones**:**

Alzua, Maria Laura and Cardenas, Juan and Djebbari, Habiba, Community Mobilization Around Social Dilemmas: Evidence from Lab Experiments in Rural Mali (December 1, 2013). Available at SSRN: http://ssrn.com/abstract=2438914, CEDLAS Working Paper

Angelucci, M and G. De Giorgi, (2009), “Indirect Effects of an Aid Program: How Do Cash Transfers Affect Ineligibles’ Consumption?”, American Economic Review, 99:1, 486–508.

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Ashraf, Nava and Bandiera, Oriana and Jack, B. Kelsey, No Margin, No Mission? A Field Experiment on Incentives for Pro-Social Tasks (February 2012). CEPR Discussion Paper No. DP8834. Available at SSRN: http://ssrn.com/abstract=2013825

Bertrand, M. and S. Mullainathan (2004), “Are Emily and Brendan More Employable than Latoya and Tyrone? Evidence on Racial Discrimination in the Labor Market from a Large Randomized Experiment,”, American Economic Review.

Busso, Matias y Sebastian Galiani, “The Causal Effect of Competition on Prices and Quality: Evidence from a Field Experiment”, IADB Working Paper

Card, David, Stefano Della Vigna and Ulrike Malmendier. 2011. “The Role of Theory in Experiments.” Journal of Economic Perspectives, 25(3): 39 – 62.

Cardenas, Juan Camilo & Jeffrey Carpenter, 2008. "Behavioural Development Economics: Lessons from Field Labs in the Developing World," Journal of Development Studies, Taylor & Francis Journals, vol. 44(3), pages 311-338.

Chaudhuri, Ananish (2009) “Experiments in Economics: Playing Fair with Money”, Taylor and Francis

Djebbari, Habiba and Jeffrey Smith, (2008) " Heterogeneous impacts in PROGRESA", Journal of Econometrics, 145, 64–80

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Gertler, P. (2004): Do conditional cash transfers improve child health? Evidence from PROGRESA’s control randomized experiment. American Economic Review, 94.

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Jensen, Robert T., and Nolan H. Miller. 2008. "Giffen Behavior and Subsistence Consumption." American Economic Review, 98(4): 1553-77. DOI: 10.1257/aer.98.4.1553

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3) Varios Experimentos Sociales: Cálculos de potencia estadística y muestreo, etc

Notas clases

Programa Optimal Design

Abadie, A, Chingos y West, “ENDOGENOUS STRATIFICATION IN RANDOMIZED EXPERIMENTS” Working Paper 19742

Bland, JM, (2009) “The tyranny of power: is there a better way to calculate sample size? BMJ2009;339:b3985

Bloom, Howard S, Lashawn Richburg-Hayes and Alison Rebeck Black
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MDRC Working Papers on Research Methodology

Bruhn M and D. MacKenzie, “IN PURSUIT OF BALANCE: RANDOMIZATION IN PRACTICE IN DEVELOPMENT FIELD EXPERIMENTS”, World Bank WP

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4) Estimador de Diferencias en Diferencias y métodos longitudinales

DID Lineal:

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Bertrand, M., Duflo, E., and Mullainathan, S. (2004): “How Much Should We Trust Differences in differences Estimates?”, The Quarterly Journal of Economics, 119(1), pp.249-275.

Brewer, M. T.F. Crossley and R. Joyce, "Inference with Differences-in-Differences Revisited" IZA DP 7742.

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DID no lineales:

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Aplicaciones

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5) Estimadores de apareamiento

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Dehejia, Rajeev and Sadek Wahba. (1999). “Propensity Score_Matching Methods for Non-experimental Causal Studies,” Review of Economics and Statistics, 84(1): 151-161.

Heckman, James, Hidechiko Ichimura and Petra Todd. (1997). “Matching as an Econometric Evaluation Estimator: Evidence from Evaluating a Job Training Programme,” Review of Economic Studies, 64(4): 605-654.

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Imbens, Guido W. and Jeffrey M. Wooldridge, (2009) “Recent Developments in the Econometrics of Program Evaluation”, Journal of Economic Literature, 47:1, 5–86

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Dehejia, R. and S. Wahba (1999). "Causal Effects in Nonexperimental Studies: Re-evaluating the Evaluation of Training Programs", Journal of the American Statistical Association 94

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6) Variables Instrumentales

Angrist, Joshua and Jorn-Steffen Pischke. Mostly Harmless Econometrics, Chapter 6.

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Aplicaciones

Alzua, M.L, C. Rodríguez y E. Villa, (2009) The Quality of Life in Prisons: does education reduce in jail conflict?, CEDLAS, Working paper

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“Using Maimonides' Rule to Estimate the Effect of Class Size on Scholastic Achievement”, Quarterly Journal of Economics, 114,(2) 533-575

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Lundborg, Peter, Erik Plug y Astrid Wurtz Rasmussen. (2017). "Can Women Have Children and a Career? IV Evidence from IVF Treatments". American Economic Review, 107:1611-37.

7) Regresión Discontinua

Angrist, Joshua and Jorn-Steffen Pischke. Mostly Harmless Econometrics, Chapter 6.
Cattaneo, Idrobo and Titiunik (2019): A Practical Introduction to Regression Discontinuity Designs: Volume I. Cambridge Elements: Quantitative and Computational Methods for Social Science, Cambridge University Press.

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Hahn, Jinyoung, Petra Todd and Wilbert van der Klaauw. (2001). "Identification and Estimation of Treatment Effects with a Regression- Discontinuity Design," Econometrica, 69(1): 201-209.

Imbens, Guido & Lemieux, Thomas,(2008) "The regression discontinuity design--Theory and applications", Journal of Econometrics, Special Issue on Regression Discontinuity Design, 142 (2).

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Aplications

Amarante, Verónica, Marco Manacorda, Edward Miguel, and Andrea Vigorito. (2016). "Do Cash Transfers Improve Birth Outcomes? Evidence from Matched Vital Statistics, Program, and Social Security Data." American Economic Journal: Economic Policy, 8 (2): 1-43.

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Bagues, Manuel y Pamela Campa. (2018). Can Gender Quotas in Candidate Lists Empower Women? Evidence from a Regression Discontinuity Desig. CEPR Discussion Paper No. 12149, IZA Discussion Paper No. 10888.

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8) Interacciones y Equilibrio General

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9) Estudios de eventos

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10) Big data and Machine learning

Notas de clase

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11) Misceláneas

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