

Juan Estrada

CONTACT INFORMATION	Analysis Group 800 17 Street NW Washington, DC 20006 United States	 : +1 (202) 785 6300  : juan.estrada@analysisgroup.com  : www.juanestrada.info/  : github.com/jjestra  : linkedin.com/in/juan-estrada-610411191/
POSITIONS	<ul style="list-style-type: none">• Associate, 01/22/2024-Present Analysis Group, Washington, DC• Postdoctoral Fellow, 2022-2024 Quantitative Theory and Methods Department Emory University, Atlanta, Georgia <p>Working with Professor Cliff Carrubba. <i>Topics</i>: legislative behavior, roll-call vote analysis, and peer effects.</p>	
EDUCATION	<ul style="list-style-type: none">• Ph.D. in Economics, 2022 Emory University, Atlanta, Georgia• M.Sc. in Economics, 2020 Emory University, Atlanta, Georgia• M.Sc. in Economics (Distinction), 2016 Universidad EAFIT, Medellín, Colombia• B.Sc. in Economics, 2014 Universidad EAFIT, Medellín, Colombia Major: Quantitative Economics.	
RESEARCH INTERESTS	Econometrics of Networks, Causal Inference, Applied Microeconomics, American Politics	
PUBLISHED, FORTHCOMING AND ACCEPTED PAPERS	“Survival Analysis of Banknote Circulation: Fitness, Network Structure, and Machine Learning,” (joint with Kim P. Huynh, David Jacho-Chávez and Diego Rojas) Chapter 9, pp. 235-262, in <i>Advances in Econometrics: The Econometrics of Networks</i> , 2020, edited by Áureo de Paula, Elie Tamer, and Marcel Voia. Emerald Group Publishing.	
WORKING PAPERS	<ol style="list-style-type: none">1. “netivreg: Estimation of Peer Effects in Endogenous Social Networks,” with Pablo Estrada, Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon. (revise and resubmit)2. “On the Estimation of Social Effects with Observational Network Data and Random Assignment,” with TszKim Julian Chan, Kim P. Huynh, David Jacho-Chávez, Chungsang Tom Lam and Leonardo Sánchez-Aragón. (revise and resubmit).3. “Causal Inference in Multilayer Social Networks.” (under review)	

4. “Legislative Activity Relational Database: A New Open Source Database to Answer Questions about Legislative Politics,” with Cliff Carrubba, Brian Crisp and Matthew Gabel.
([revise and resubmit](#)).
5. “Bayesian Inference of Network Formation Models with Payoff Externalities,” with Cheng Ding and Santiago Montoya-Blandon.
6. “On the Identification and Estimation of Endogenous Peer Effects in Multiplex Networks,” with Kim Huynh, David Jacho-Chavez, and Leonardo Sanchez-Aragon.
7. “ Estimating Network Effects and Their Impact on Congressional Polarization,” with Cliff Carrubba.

RESEARCH EXPERIENCE	<p>Emory University, Atlanta, Georgia - United States</p> <ul style="list-style-type: none"> • Research Assistant to Prof. David T. Jacho-Chávez Aug, 2018 to May, 2019 <p>Universidad EAFIT, Medellín - Colombia</p> <ul style="list-style-type: none"> • Junior Researcher, International Development Research Centre (IDRC) Jul, 2016 to Dec, 2016 • Research Assistant to Dr. Mónica Ospina Apr, 2015 to Jul, 2016
TEACHING EXPERIENCE	<p>Emory University, Atlanta, Georgia - United States. Main Instructor</p> <ul style="list-style-type: none"> • <i>Quantitative Theory and Methods Department</i> Fall 2023 QTM-151: Intro. to Stat.Computing II Undergraduate level • <i>Quantitative Theory and Methods Department</i> Fall 2022 QTM-151: Intro. to Stat.Computing II Undergraduate level • <i>Department of Economics</i> Spring 2021 Econ 101: Principles Of Microeconomics Undergraduate level <p>Emory University, Atlanta, Georgia - United States. Lab Instructor</p> <ul style="list-style-type: none"> • <i>Institute for Quantitative Theory and Methods</i> Fall 2020 Intro. to Statistical Inference Undergraduate level with Prof. Jin Kim • <i>Institute for Quantitative Theory and Methods</i> Spring 2020 Probability and Statistics Undergraduate level with Prof. Zhongjian Lin <p>Emory University, Atlanta, Georgia - United States. Teaching Assistant</p> <ul style="list-style-type: none"> • Teaching Assistant, <i>Department of Economics</i> Spring 2022 Advanced Econometrics Ph.D. level with Prof. David T. Jacho-Chávez • Teaching Assistant, <i>Department of Economics</i> Fall 2021 Probab. Theory & Stat. Inference Ph.D. level with Prof. Stefan Hoderlein • Teaching Assistant, <i>Department of Economics</i> Fall 2020 Probab. & Stat. for Economists Undergraduate level with Prof. Elena Pesavento • Teaching Assistant, <i>Department of Economics</i> Spring 2019, Spring 2020 Advanced Econometrics Ph.D. level with Prof. David T. Jacho-Chávez

- Teaching Assistant, *Department of Economics* Spring 2020
Empirical Methods & Machine Learning
Undergraduate level with Prof. David T. Jacho-Chávez

Universidad EAFIT, Medellín - Colombia
Teaching assistant, Advanced Econometrics Aug,2016 to Sep, 2016
Master level

CONFERENCES
AND SEMINARS

1. “NYU Methods Workshop Seminar,” New York University, New York, USA. September, 11, 2023
2. “2023 American Political Science Association Annual Meeting & Exhibition,” Los Angeles, California, USA. August 31 – September 3, 2023
3. “40th annual meeting of the Society for Political Methodology,” Stanford University, California, USA. July 9-11, 2023
4. “80th Annual Midwest Political Science Association Conference,” Chicago, Illinois, USA. April 13-16, 2023
5. “European Winter Meetings of The Econometric Society,” Humboldt University, Berlin, Germany. December 16-18, 2022
6. “Midwest Econometrics Group (MEG),” Michigan State University, Michigan, USA. October 28-29, 2022
7. “North America Summer Meetings of The Econometric Society,” University of Miami, Florida, USA. June 16-19, 2022
8. “European Winter Meetings of The Econometric Society,” University of Barcelona, Barcelona, Spain (Online). December 13-15, 2021
9. “16th Economics Graduate Students’ Conference,” Washington University in St. Louis, Missouri, USA. October 23, 2021
10. “LACEA LAMES Annual-Meeting 2021,” Universidad del Rosario, Bogotá, Colombia (Online). October 18-22, 2021
11. “2021 Stata Conference,” (Online). August 5-6, 2021
12. “IAAE 2021 Annual Conference,” Erasmus School of Economics, Rotterdam, The Netherlands (Online). June 22-25, 2021
13. “Young Academics Networks Conference,” University of Cambridge, INET (Online). June 1-3, 2021
14. “Sixth annual conference on Network Science and Economics,” Online. March 26-28, 2021
15. “Microeconometrics: Survey Methodology and Data Science Conference,” Ottawa, Ontario, Canada. September 26-27, 2019
16. “Advances in Econometrics: The econometrics of Networks,” Paltinis, Sibiu, Romania. May 16-17, 2019
17. “Fifth annual conference on Network Science and Economics,” Bloomington, Indiana, United States. April 26-28, 2019
18. “LACEA-LAMES Annual Meeting,” Medellín, Colombia. November 10-12, 2016

19. “7 Seminario Internacional de Investigación sobre Calidad de la Educación,” Bogotá, Colombia. November 3-4, 2016
20. “Innova-TE 330,” Bogotá, Colombia. June 27-30, 2016.
21. “17 Annual Global Development Conference,” Lima, Perú. March 17-18, 2016
22. “Construcción de Metodologías comparativas e Indicadores para medir el uso de TIC y sus impactos en el salón de clase,” Bogotá, Colombia. March 15-17, 2016

ACADEMIC AWARDS	• Outstanding Graduate Teaching Associate Award from Laney Graduate School, Emory University	2022
	• Economics Graduate Student Research Award of Excellence from Emory University Department of Economics	2022
	• Ph.D. Full Scholarship at Emory University	2017
	• Graduation with Honors in the M.Sc. in Economics at Universidad EAFIT	2016
	• Masters Full Scholarship at Universidad EAFIT	2015

LANGUAGES & OTHER SKILLS *Software:* Python, R, Stata, Eviews, MatLab, L^AT_EX, SQL.
Languages: Spanish (Native), English (Fluent)

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| OTHERS | • CRC TR 224 Summer School on the Econometrics of Peer Effects and Social Interactions, Annweiler, Germany, July 15-19, 2019. Instructors: Bryan Graham (UC Berkeley) and Aureo de Paula (University College London). |
| | • Course on “Real Analysis and Optimization for Economics”, Universidad de los Andes Summer School |

REFERENCES	Clifford Carrubba, Ph.D. Samuel Candler Dobbs Professor Political Science Department Department Chair Quantitative Theory and Methods Department Emory University, Atlanta, USA	☎: +1 (404) 727-6830 ✉: ccarrub@emory.edu
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