L. Jason Anastasopoulos

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RESEARCH INTERESTS

Causal Inference, Machine Learning, Bayesian Inference, Stochastic Optimization, Race and Ethnicity, Political Violence, American Politics.

ACADEMIC AND PROFESSIONAL EMPLOYMENT

University of Georgia, Athens, GA
Assistant Professor, Department of Public Administration and Policy
Assistant Professor, Department of Political Science
Core Faculty, Georgia Informatics Institute   Aug. 2016 -

University of California, Berkeley, Berkeley, CA
Professional Faculty and Data Science Fellow, School of Information   June 2015-Aug. 2016

Harvard University, Cambridge, MA
Democracy Fellow, John F. Kennedy School of Government   Aug. 2013-July 2015

EDUCATION

University of California, Berkeley

PhD, Political Science, 2008-2013

- Dissertation: "Essays on the Politics of Diversity in Modern America: A Causal Inference Approach."

M.A., Political Science, 2008-2009

- Thesis: "The Political Economy of Taft-Hartley and the Right-to-Work Laws." *Nominated for the Midwest Political Science Association's Robert H. Durr Award "for the best paper applying quantitative methods to a substantive problem."*

Harvard University

A.M., Statistics, 2003-2005

Cornell University

B.S., Industrial and Labor Relations, 1999-2003

HONORS AND AWARDS

Harvard University, Ash Center for Democratic Governance and Innovation, Democracy Postdoctoral Fellowship, 2013.

Northeastern University and Harvard University. Computational Social Science Postdoctoral Fellowship (Declined), 2013

U.C. Berkeley School of Law: Berkeley Empirical Legal Studies Fellowship, 2011.

National Science Foundation Integrative Graduate Education and Research Training (IGERT) Fellowship, 2011.

BOOKS

Anastasopoulos, L.J.. *Machine Learning for Social Research.* Manuscript in progress.

Anastasopoulos, L.J.. *Big and Little Sorts: Diversity, Polarization and the Rise of Urban Liberalism.* Manuscript in progress.

PEER REVIEWED PUBLICATIONS

CAUSAL INFERENCE

Anastasopoulos, L.J.. 2016. Estimating the gender penalty in House of Representative elections using a regression discontinuity design. 2016. *Electoral Studies* 43: Pages 150-157.

Press coverage: Boston Globe, Will Hillary Clinton's Gender Hurt Her in November?

EXPERIMENTS

Tetlock, Philip E., Gregory Mitchell and **L.J. Anastasopoulos**. 2013. "Detecting and Punishing Unconscious Bias." *Journal of Legal Studies* 42(1): 83-110.

UNDER REVIEW

Anastasopoulos, L.J. and Jake Williams. "Understanding political events though scalable, multi-mode, social action identification."

Anastasopoulos, L.J. "The Effects of Urban Diversity on Geographic Polarization: Evidence from Hurricane Katrina Migration."

Anastasopoulos, L.J."An Experiment on the Policy Effects of Immigrant Skin Tone."

Press coverage: The New York Times Op-Ed, The Anti-PC Vote

Anastasopoulos, L.J.. "An Agent-Based Model Simulating Political Migration and Geographic Polarization."

SELECTED WORKS IN PROGRESS

COMPUTER VISION/IMAGE ANALYSIS

Anastasopoulos, L.J., Dhruvil Badani, Crystal Lee and Shiry Ginosar. "Image as Data: A Supervised Learning Framework for the Analysis of Political Images."

TEXT ANALYSIS AND NLP

Anastasopoulos, L.J., Tarek Masoud and Richard Zeckhauser. "Thou Shalt Kill? Measuring Violence in the Bible and the Quran."

Anastasopoulos, L.J. "An Algorithm for the Multidimensional Scaling of Business-Friendly Legislation." (Draft available upon request)

Anastasopoulos, L.J. and John Brooks. "The Policy Effects of Unlimited Spending in State Referenda."

BAYESIAN INFERENCE

Anastasopoulos, L.J., Ryan Bakker and Justin Norris. "Bayesian Inference for Experimental Data: Constructing Informative Priors for Treatment Effect Estimates." (Draft available upon request)

EXPERIMENTS

Anastasopoulos, L.J. and Maya Sen. "An Experiment on the Political Effects of Online Comments."

Anastasopoulos, L.J., Brian Williams and P. Daniel Silk. "Reducing racial bias in American police departments: evidence from a large-scale field experiment."

BIG DATA

Anastasopoulos, L.J., Jamie Monogan and Keith Poole. "The Big Data Revolution in Political Campaigning and Governance."

SOFTWARE
16 Layer Convolutional Neural Network for Predicting Race from Faces (with Crystal Lee, Dhruvil Badani and Shiry Ginosar) (Python)

Using SQlite and Python to Extract Tweets by Hashtag (Python)

Visualizing Subway Ridership Data (R)

Python Openstates Downloaders (Python)

INVITED TALKS, CONFERENCES AND SEMINAR PRESENTATIONS

New York University, Center for Data Science, December, 2016. "Visible Partisanship: Convolutional Neural Networks and Deep Learning for Analyzing Political Images."

APSA Annual Meeting 2016.

"Measuring Violence in Religious Scriptures with Supervised Machine Learning."

"Identifying and predicting violent and non-violent collective action with scalable machine learning and a massive geocoded Twitter database."

"The Policy Effects of Unlimited Spending in State Referenda." September, 2016

Society for Political Methodology Annual Meeting, Rice University. "Visible Partisanship: Convolutional Neural Networks for Political Image Analysis." July, 2016.

Society for Political Methodology Annual Meeting, University of Rochester. "An Unbiased Measure of Media Bias Using Latent Topic Models." July, 2015.

Center for Applied Scientific Computing (CASC), Lawrence Livermore National Laboratory. "Polarization and Protests: Understanding Complex Social and Political Processes Using Spatial Data and Agent-Based Modeling Simulations." May, 2015.

Department of Political Science and Department of Computer Science, Northeastern University. "An Unbiased Measure of Media Bias Using Latent Topic Models." April, 2015.

Department of Political Science, University of Michigan. "Political Migration and Geographic Polarization." February, 2015.

Founder and Director of the Workshop on Immigration, Race and Ethnicity (WIRE) at the Harvard Kennedy School of Government.

Research Workshop on American Politics, Harvard University. "Big and Little Sorts: Diversity, Conservative Flight and Geographic Polarization." February, 2014.

Applied Statistics Workshop, Harvard University. "(When) Race Matters: How Undocumented Immigrant Race and Place Shape Immigration Policy Attitudes." December, 2013.

Society for Political Methodology Annual Meeting, University of Virginia. "Big and Little Sorts: Diversity, Conservative Flight and Geographic Polarization." July, 2013.

Midwest Political Science Association Annual Meeting. "Estimating the Causal Effect of Gender on Election Outcomes. A Regression Discontinuity Approach." April, 2013.

Society for Political Methodology Annual Meeting, University of North Carolina, Chapel Hill. ''Estimating the Causal Effect of Gender on Election Outcomes. A Regression Discontinuity Approach." July, 2012.

Midwest Political Science Association Annual Meeting. "Right to Grow? The Political Economy of Taft-Hartley and the Right-to-Work Laws, 1947-1954." April, 2009.

Society for Political Methodology Annual Meeting. Yale University. "Re-Assessing The Effect of Neighborhood Intergroup Inequality on Interethnic Affect." July, 2009.

TEACHING

Assistant Professor, **University of Georgia**.

- Fall 2016: Research Methods in Public Administration.
- Spring 2017: Applied Machine Learning for Social Research.

Master of Information in Data Science Lecturer, **University of California, Berkeley School of Information**.

- Fall 2015, Spring 2016: Research Design and Applications for Data Analysis.

Graduate Student Instructor, **University of California, Berkeley**.

- Spring 2013: Political Science 3, Introduction to Quantitative Methods.
- Spring 2011: Political Science 3, Introduction to Quantitative Methods.
- Spring 2010: Political Science 153, The American Legal System.
- Spring 2009: Legal Studies 145, Law and Economics.

Teaching Fellow, **Harvard College**.

- Fall 2003/2004: Statistics 100: Introduction to Quantitative Methods.
- Spring 2004/2005: Statistics 105: Introduction to Biostatistics.

COMPUTER SKILLS

- Statistical Packages: R, Stata, S-Plus, SPSS.
- Languages: Python, Java, C, C++, Perl, Unix shell scripts.
- Applications: ArcGIS, GRASS GIS, MASON, basic Windows and Unix spreadsheet software.

REFERENCES

Sean Gailmard, University of California, Berkeley
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Tarek Masoud, Harvard Kennedy School of Government
Sultan of Oman Associate Professor of International Relations
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