

Zubin Jelveh

CONTACT INFORMATION	Crime Lab New York University of Chicago Urban Labs 291 Broadway, Suite 1101 New York, NY 10007	646-552-9775 zjelveh@uchicago.edu
CURRENT POSITION	University of Chicago - Crime Lab New York <i>Research Director, Data Science</i>	Jan. 2017 – Present
EDUCATION	New York University , New York, NY, USA <i>Ph.D.</i> , Computer Science	2017
	Columbia University , New York, NY, USA <i>M.A.</i> , Quantitative Methods in the Social Sciences	2011
	<i>M.S.</i> , Journalism	2003
	University of Chicago , Chicago, IL, USA <i>B.A.</i> , Economics	1999
CONFERENCE AND WORKSHOP PAPERS	S. Tahamont, Z. Jelveh , A. Chalfin, S. Yan, and B. Hansen. “Not so Conservative after All: Exact Matching and Attenuation Bias in Randomized Experiments.” <i>Association for Public Policy Analysis and Management</i> , Chicago, USA 2017.	
	A. Chalfin, O. Danieli, A. Hillis, Z. Jelveh , M. Luca, J. Ludwig, and S. Mullainathan. “Productivity and Selection of Human Capital with Machine Learning.” <i>American Economic Review: Papers and Proceedings</i> , San Francisco, USA 2016.	
	Z. Jelveh and M. Luca. “Towards Diagnosing Accuracy Loss in Discrimination-Aware Classification: An Application to Predictive Policing.” <i>Workshop on Fairness, Accountability, and Transparency in Machine Learning</i> , Lille, France, July 2015.	
	Z. Jelveh , B. Kogut and S. Naidu. “Detecting Latent Ideology in Expert Text: Evidence From Academic Papers in Economics.” <i>Empirical Methods in Natural Language Processing</i> , Doha, Qatar 2014.	
	Z. Jelveh and K. W. Ross. “Profiting From Filesharing: A Measurement Study of Economic Incentives in Cyberlockers.” <i>IEEE International Conference on Peer-to-Peer Computing</i> , Tarragona, Spain 2012.	
	R. Dey, Z. Jelveh and K. W. Ross. “Facebook Users Have Become Much More Private: A Large-Scale Study.” <i>IEEE International Workshop on Security and Social Networking</i> , Lugano, Switzerland 2012.	
WORKING PAPERS AND WORKS IN PROGRESS	A. Chalfin, V. Gilbert and Z. Jelveh. “Cross-Sectional and Longitudinal Predictability: Combining Synthetic Controls and Machine Learning for Better Counterfactual Construction.” Ongoing.	
	S. Tahamont, Z. Jelveh , A. Chalfin, S. Yan, and B. Hansen. “Administrative Data Linking and Statistical Power Problems in Randomized Experiments.” NBER working paper series, 2019.	
	Z. Jelveh, B. Kogut and S. Naidu. “Political Language in Economics.” December 2019.	
	Z. Jelveh, B. Kogut and S. Naidu. “P-Hacking and Ideology.” Ongoing.	

Z. Jelveh and M. Luca. “Returns to Online Reputation: Evidence from Real Estate Agents.” Ongoing.

A. Chalfin, Z. Jelveh, M. Luca and J. Ludwig. “Using Machine Learning to Reduce Domestic Violence in New York City.” Ongoing.

POSTERS AND
INVITED
PRESENTATIONS

Z. Jelveh. “The Effect of Record Linkage on Treatment Effect Estimation and Prediction.” School of Criminal Justice, Rutgers University, Newark, NJ, USA, March 2019.

Z. Jelveh. “Machine Learning in Public Policy.” Department of Criminology & Criminal Justice, University of Maryland, College Park, MD, USA, November 2018.

Z. Jelveh. “Machine Learning in Public Policy.” Quantitative Methods in the Social Sciences Seminar, Columbia University, New York, NY, USA, April 2016.

Z. Jelveh, B. Kogut and S. Naidu. “Politics in Economics.” Text-as-Data Speaker Series, Center for Data Science, New York University, New York, NY, USA, October 2015.

Z. Jelveh and M. Luca. “Algorithmic Statistical Discrimination.” *Workshop on Fairness, Accountability, and Transparency in Machine Learning*, Lille, France, July 2015.

Z. Jelveh and M. Luca. “Algorithmic Statistical Discrimination.” *ACM Conference on Economics and Computation*, Portland, Oregon, USA, June 2015.

Z. Jelveh, B. Kogut and S. Naidu. “Politics in Economics.” *Text Analysis Conference*, Princeton, NJ, USA, May 2015.

Z. Jelveh and M. Luca. “Detecting Opinion Spam/Algorithmic Statistical Discrimination.” Microsoft Research, New York, NY, USA, November 2014.

Z. Jelveh, B. Kogut and S. Naidu. “Detecting Latent Ideology in Expert Text: Evidence From Academic Papers in Economics.” *Empirical Methods in Natural Language Processing*, Doha, Qatar, October 2014.

Z. Jelveh, B. Kogut and S. Naidu. “Detecting Latent Ideology in Expert Text: Evidence From Academic Papers in Economics.” Doctoral Forum at *SIAM International Conference on Data Mining*, Philadelphia, PA, USA April 2014.

Z. Jelveh, B. Kogut and S. Naidu. “Methods for Detecting Ideology from Text.” Quantitative Methods Seminar, Politics Department, New York University, New York, NY, USA, April 2014.

PREVIOUS
PROFESSIONAL
EXPERIENCE

University of Chicago - Crime Lab New York
Data Scientist

Sep. 2015 – Jan. 2017

Consultant
Data Scientist

Oct. 2013 – Oct. 2015

LinkedIn Corp., Mountain View, CA, USA
Data Science Intern

May 2012 – Aug. 2012

The New Republic, Washington, D.C., USA
Economics Blogger

Mar. 2009 – Mar. 2010

Conde Nast Portfolio, New York, NY, USA
Economics Writer-Producer

Dec. 2006 – Dec. 2008

Reuters, New York, NY, USA
Treasury Market Reporter

Jun. 2006 – Nov. 2006

The New York Times, New York, NY, USA
Business Section Producer

Aug. 2003 – Jun. 2006

TEACHING
EXPERIENCE

Teaching Associate, Columbia University
School of Social Work
Macroeconomics and Policy Analysis

Feb. 2014 – May 2014

AWARDS AND
FELLOWSHIPS

“Using Machine Learning to Identify High Risk Domestic Violence Offenders in New York City.” National Institute of Justice, Research and Evaluation on Violence Against Women Award, \$452,553. (2017-VA-CX-0033). PI: Jens Ludwig, Co-PIs: Sendhil Mullainathan, Aaron Chalfin.
Crime Lab New York Doctoral Fellow 2014
National Science Foundation IGERT Fellowship, 2011-2013
New York Times Punch Award
Malofiej Silver Award for Infographics