

Ben Fifield

CONTACT INFORMATION	300 Manhattan Avenue Apartment 5E New York, NY 10026	<i>Mobile:</i> 1-203-858-9407 <i>E-mail:</i> benfifield@gmail.com <i>Website:</i> benfifield.com <i>Github:</i> Link
EDUCATION	Princeton University , Princeton, NJ Ph.D., Politics On leave, Sept. 2015 - Feb. 2017 Princeton University , Princeton, NJ M.A., Politics General Examinations: American Politics, Formal and Quantitative Methodology Washington University in St. Louis , St. Louis, MO B.A. <i>magna cum laude</i> , Political Science	<i>Expected:</i> 2018 Oct. 2013 May 2010
DISSERTATION PROJECT	<i>Essays on Political Methodology with Applications to American Political Campaigns</i> Advisors: Kosuke Imai (Chair), David Nickerson, Nolan McCarty	
PROFESSIONAL EXPERIENCE	Details in “Related Work Experience” Facebook , Menlo Park, CA <i>Intern</i> , Growth Population and Survey Sciences Hillary For America , New York, N.Y. <i>Senior Data Scientist</i> , Department of Analytics Democratic National Committee , Washington, D.C. <i>Research Analyst</i> , Department of Compliance	Aug. 2017 - Oct. 2017 Sept. 2015 - Nov. 2016 Jul. 2010 - Apr. 2011
WORKING PAPERS	A New Automated Redistricting Simulator Using Markov Chain Monte Carlo (with Michael Higgins, Kosuke Imai, and Alexander Tarr) Political Control and Agency Human Capital in the Department of Homeland Security (with David Lewis, Charles Cameron, and John de Figueiredo)	
WORKS IN PROGRESS	Redistricting and Polarization in State Legislatures (with Kosuke Imai and James Lo)	
SOFTWARE	R package redist : Markov Chain Monte Carlo Methods for Redistricting Simulation. R package persuasion : Statistical Methods for Persuasion Modeling.	
GRANTS AND AWARDS	Q-APS Graduate Fellowship, Princeton University NSF Funding for the Annual Society for Political Methodology Conference Alpheus Thomas Mason '23 Fellow, Princeton University University Fellowship, Princeton University CSDP Fellowship, Princeton University Grossman-Alexander Prize, Washington University Office of Undergraduate Research Grant, Washington University	AY2014, 2015 2014 AY2012 AY2011 - present AY2011 - present 2010 2010

TEACHING EXPERIENCE	<i>Instructor</i>	
	Statistical Programming Camp (with Katherine McCabe)	Jan. 2014
	Statistical Programming Camp (with Alex Ruder)	Jan. 2013
	<i>Teaching Assistant</i>	
	POL 329 Policymaking in America (U), Professor Charles Cameron	Fall 2014
	POL 572 Quantitative Analysis II (G), Professor Kosuke Imai	Spring 2013
PRESENTATIONS	“Reputation and Influence in Regulatory Decisionmaking.” Paper presented at the Annual Meeting of the Midwest Political Science Association (2015)	
	“Political Control and Agency Human Capital in the Department of Homeland Security,” with David Lewis, Charles Cameron, and John de Figueiredo. Paper presented at the Annual Meeting of the Midwest Political Science Association (2015)	
	“Political Control and Agency Human Capital in the Department of Homeland Security,” with David Lewis, Charles Cameron, and John de Figueiredo. Paper presented at the Annual Meeting of the Southern Political Science Association (2015)	
	“A New Automated Redistricting Simulator Using Markov Chain Monte Carlo,” with Michael Higgins, Kosuke Imai, and Alexander Tarr. Paper presented at the Annual Meeting of the American Political Science Association (2014)	
	“A New Automated Redistricting Simulator Using Markov Chain Monte Carlo,” with Michael Higgins, Kosuke Imai, and Alexander Tarr. Paper presented at the Society for Political Methodology Conference (2014)	
DEPARTMENTAL SERVICE	<i>Co-Captain</i> , Leviathan, Princeton Politics Department Softball Team	2015
	<i>Organizer</i> , Political Methodology Seminar, Princeton University	AY2014
PROFESSIONAL MEMBERSHIPS	American Political Science Association	2011 - present
	Midwest Political Science Association	2013 - present
COMPUTATIONAL SKILLS	Languages: R, C++, Python, Bash OS Environments: Mac OS, Unix-like Data Management: SQL (Vertica) Document Preparation: L ^A T _E X, Beamer, knitr, RMarkdown Project Management: git, svn Data Visualization: ggplot2, GIS High Performance Computing APIs: OpenMP, MPI Bayesian Computing Environments: JAGS, stan Misc.: Qualtrics, Amazon Mechanical Turk	
REFERENCES	Kosuke Imai Department of Politics kimai@princeton.edu Princeton University	David Nickerson Department of Political Science david.nickerson@temple.edu Temple University
	Nolan McCarty Department of Politics nmccarty@princeton.edu Princeton University	

RELATED WORK EXPERIENCE	Hillary for America , New York, N.Y. <i>Senior Data Scientist</i> , Department of Analytics	Sept. 2015 - Nov. 2016
	<ul style="list-style-type: none"> - Team leader responsible for managing three Ph.D.-level data scientists - Built and directed methodological development of all persuasion models on the Data Science team in the Analytics Department - Developed Bayesian forecasting models to predict the election outcome by pooling internal and public polling, and provided daily reports to campaign leadership - Developed statistical models of voter turnout and candidate support to optimize primary and general election resource allocation - Implemented advances in machine learning and predictive modeling to improve and automate weighting of opinion surveys 	