

# Pablo Barberá

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CONTACT INFORMATION	Center for Data Science New York University 726 Broadway, 7th Floor New York, NY 10003	<a href="mailto:pablo.barbera@nyu.edu">pablo.barbera@nyu.edu</a>  <a href="http://www.pablobarbera.com">www.pablobarbera.com</a>  <a href="https://twitter.com/p_barbera">@p_barbera</a>  <a href="https://github.com/pablobarbera">github.com/pablobarbera</a> 
ACADEMIC POSITIONS	<b>University of Southern California</b> Assistant Professor, School of International Relations, beginning July 2016  <b>New York University</b> Moore-Sloan Fellow, Center for Data Science, 2015–2016	
EDUCATION	<b>New York University</b> Ph.D. in Political Science, May 2015 * Committee: Jonathan Nagler, Joshua A. Tucker, Patrick Egan, Neal Beck, Richard Bonneau * Lab: Social Media and Political Participation (SMaPP) laboratory  <b>European University Institute</b> Master of Research in Political Science, 2010  <b>Pompeu Fabra University</b> M.A. in Political and Social Sciences, 2009 B.A. in Political Science and Administration (with highest honors), 2008	
RESEARCH INTERESTS	<i>Substantive:</i> Social Media and Elections, Comparative Electoral Behavior, Political Corruption and Accountability  <i>Methodological:</i> Analysis of Social Media Data, Social Network Analysis, Text as Data Methods, Bayesian Data Analysis, Ideal Point Estimation	
PUBLICATIONS	<a href="#">“The Critical Periphery in the Growth of Social Protests”</a> (with Ning Wang, Richard Bonneau, John T. Jost, Jonathan Nagler, Joshua Tucker and Sandra González-Bailón). <i>PLOS ONE</i> , 2015, 10 (11).  <a href="#">“Tweeting from Left to Right: Is Online Political Communication More Than an Echo Chamber?”</a> (with John T. Jost, Jonathan Nagler, Joshua Tucker and Richard Bonneau). <i>Psychological Science</i> , 2015, 26 (10), 1531–1542.  <a href="#">“Birds of the Same Feather Tweet Together. Bayesian Ideal Point Estimation Using Twitter Data”</a> . <i>Political Analysis</i> , 2015, 23 (1), 76–91. * 2015 <a href="#">Editors’ Choice article</a> Award.  <a href="#">“Political Expression and Action on Social Media: Exploring the Relationship Between Lower- and Higher-Threshold Political Activities Among Twitter Users in Italy”</a> (with Cristian Vaccari, Augusto Valeriani, Richard Bonneau, John Jost, Jonathan Nagler, and Joshua Tucker). <i>Journal of Computer-Mediated Communication</i> , 2015, 20 (2), 221–239.  <a href="#">“Rooting out corruption or rooting for corruption? The Heterogenous Electoral Consequences of Scandals”</a> (with Pablo Fernández-Vázquez and Gonzalo Rivero). <i>Political Science Research and Methods</i> , 2016, 4 (2), 379–397.	

[“Understanding the political representativeness of Twitter users”](#) (with Gonzalo Rivero). *Social Science Computer Review*, 2015, 33 (6), 721-729.

[“Social Media and Political Communication. A survey of Twitter users during the 2013 Italian general election”](#) (with Cristian Vaccari, Augusto Valeriani, Richard Bonneau, John Jost, Jonathan Nagler, and Joshua Tucker). *Italian Political Science Review*, 2013, 43 (3), 381-410.

[“The Electoral Consequences of Corruption Scandals in Spain”](#) (with Pedro Riera, Raul Gómez, Juan Mayoral, and José Ramón Montero). *Crime, Law and Social Change*, 2013, 60 (5), 515-534.

[“Voting for Parties or for Candidates? The Trade-Off Between Party and Personal Representation in Spanish Regional and Local Elections”](#) *Revista Española de Investigaciones Sociológicas*, 2010

BOOK  
CHAPTERS

[“Big Data, Social Media, and Protest: Foundations for a Research Agenda”](#) (with Joshua Tucker, Jonathan Nagler, Megan Metzger, Duncan Penfold-Brown, John Jost, and Richard Bonneau). 2016. *Computational Social Science. Discovery and Prediction*, edited by R. Michael Alvarez. Cambridge: Cambridge University Press.

WORK IN  
PROGRESS

[“How Social Media Reduces Mass Political Polarization. Evidence from Germany, Spain, and the United States.”](#)

[“A Bad Workman Blames His Tweets. The Consequences of Citizens’ Uncivil Twitter Use when Interacting with Party Candidates”](#) (with Yannis Theocaris, Sebastian Adrian Popa, and Zoltan Fazekas).

[“Vague concepts in survey questions: A general problem illustrated with the left-right scale”](#) (with Paul Bauer, Kathrin Ackermann and Aaron Venetz), *Under review*.

[“The Empirical Determinants of Social Media Adoption by World Leaders and its Empirical Consequences”](#) (with Thomas Zeitzoff), *Under review*.

[“Leaders or Followers? Measuring Political Responsiveness in the U.S. Congress Using Social Media Data.”](#) (with Richard Bonneau, Patrick Egan, John T. Jost, Jonathan Nagler, and Joshua Tucker).

[“Local Cartels: Parliamentary Representation and Subnational Electoral Success”](#) (with Pedro Riera and Elias Dinas)

[“Economic Conditions, Economic Perceptions, and Media Coverage of the United States Economy”](#) (with Amber Boydston, Suzanne Linn, and Jonathan Nagler)

[“Follow Your Ideology: A Measure of Ideological Location of Media Sources”](#) (with Gaurav Sood)

[When Duverger Becomes Autocratic: Electoral Systems and Opposition Fragmentation in Non-Democratic Regimes.](#)

FELLOWSHIPS AND AWARDS	<p>McCracken Scholarship, <i>GSAS, New York University</i>, 2010-2015.</p> <p>“La Caixa” Fellowship for Graduate Studies in the U.S., 2010-2012.</p> <p>“Salvador de Madariaga” Fellowship, European University Institute, 2009-2010.</p> <p>2nd National Prize to Excellence in Academic Performance, 2008.</p> <p>Pompeu Fabra University graduation prize for Exceptional Achievement, 2008.</p>
GRANTS	<p><i>Electoral Behavior in Spanish Local Elections: A Multilevel Approach</i>, 10,000€. Spanish Center for Sociological Research (CIS). With José Ramón Montero, Pedro Riera, Raúl Gómez, and Juan A. Mayoral. 2011.</p>
SOFTWARE	<p><a href="#">streamR package</a>: Access to Twitter Streaming API via R. Available on CRAN.</p> <p><a href="#">Rfacebook package</a>: Access to Facebook API via R. Available on CRAN.</p> <p><a href="#">instaR package</a>: Access to Instagram API via R. Available on CRAN.</p> <p><a href="#">smappR package</a>: R tools for analysis of Twitter data. Internal R package used at the Social Media and Political Participation Lab at NYU.</p>
INVITED TALKS	<p>2015: Conference on Political Polarization: Media and Communication Influences (Princeton University, CSDP), Big Data and Political Science Conference (University of Mannheim), Digital Media, Networks, and Political Communication research group (Annenberg School of Communication, UPenn), Workshop on Online Politics (University College Dublin)</p> <p>2014: Text as Data Workshop (Northwestern University), Department of Political Science (University of Rochester), Department of Political Science (Penn State), Department of Government (London School of Economics), Institute for Political Economy and Governance (Pompeu Fabra University), School of International Relations (University of Southern California).</p> <p>2013: Text as Data Workshop (London School of Economics), QMSS Master’s Program Speaker Series (Columbia University), Colloquium in Political Behavior (European University Institute)</p>
TEACHING	<p><i>Project Advisor</i></p> <ul style="list-style-type: none"> <li>Fall 2015: <a href="#">Capstone Project in Data Science</a>, MS in Data Science</li> </ul> <p><i>Teaching Assistant</i></p> <ul style="list-style-type: none"> <li>January 2014 and January 2015: <a href="#">Social Media and Political Participation</a> (undergraduate), Joshua Tucker.</li> <li>Fall 2013: <a href="#">Quantitative Methods III</a> (PhD), Neal Beck</li> <li>Fall 2012, Spring 2013: IR Senior Honors Seminar (undergraduate), Michael Gilligan</li> </ul> <p><i>Workshops</i></p> <ul style="list-style-type: none"> <li><a href="#">Scraping Twitter and Web Data with R</a> (2 hours) NYU Politics Datalab</li> <li><a href="#">Data Visualization with R and ggplot2</a> (2 hours) NYU Politics Datalab</li> <li><a href="#">Collecting and Analyzing Social Media Data with R</a> (2 hours) Introduction to Data Science, Georgetown University</li> <li><a href="#">Data Science and Social Science</a> (18 hours) Center for the Promotion of Research Involving Innovative Statistical Methodology (PRIISM), New York University. (Joint with Alex Hanna and Dan Cervone).</li> </ul>

## SKILLS

### *Software*

- Advanced: R, JAGS, stan, Stata,  $\LaTeX$
- Intermediate: Python, SPSS, MySQL, Gephi, Netlogo, mongoDB
- Code repository: [github.com/pablobarbera](https://github.com/pablobarbera)

### *Languages*

Spanish (native), Catalan (fluent), English (fluent)

## SERVICE AND MEMBERSHIP

*Referee:* American Political Science Review, American Journal of Political Science, The Journal of Politics, Political Analysis, Party Politics, Political Studies, Political Science Research and Methods, Policy and Internet, Public Opinion Quarterly, Political Communication, Social Science Computer Review, Economics & Politics, Journal of Communication, Kyklos, Wiley, South European Society and Politics, Revista Española de Investigaciones Sociológicas, Revista Española de Ciencia Política.

*Member:* American Political Science Association (Political Methodology and Political Networks sections), European Political Science Association, Midwest Political Science Association.

*Conferences:* chair (EPSA 2013, 2014), discussant (EPSA 2014, 2015; APSA 2015)

## MEDIA

“[Who is the most conservative Republican candidate for president?](#)” Published in The Monkey Cage / Washington Post, 2015.

[tuitometro.es](http://tuitometro.es), Real-time tracking of the Spanish 2011 legislative election in Twitter using automated sentiment analysis, with Gonzalo Rivero (NYU). Featured in the major Spanish newspapers.

“[A Breakout Role for Twitter? The Role of Social Media in the Turkish Protests](#),” SMaPP Data Report, 2013, with Megan Metzger and Sandra González-Bailón. Published on The Monkey Cage and AlJazeera English. Featured in Time, The Atlantic, Bloomberg Businessweek, CNN Turkey, Mashable, TechPresident, Foreign Policy, Mother Jones, and 30 other international online news outlets.

“[Tweeting the Revolution: Social Media Use and the #Euromaidan Protests](#),” with Megan Metzger. Published on The Huffington Post, 2014.

**Last updated: April 13, 2016**