

# Jason Poulos

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CONTACT	Department of Statistical Science Duke University Box 90251 Durham, NC 27708	 <a href="mailto:jason.poulos@duke.edu">jason.poulos@duke.edu</a>  <a href="http://jasonvpoulos.com">jasonvpoulos.com</a>  <a href="https://github.com/jvpoulos">github.com/jvpoulos</a>
PROFESSIONAL APPOINTMENTS	<b>Duke University</b> and <b>SAMSI</b> , Durham, NC Postdoctoral Associate, Department of Statistical Science, August 2019 – Faculty Mentor: Prof. Fan Li	
EDUCATION	<b>University of California, Berkeley</b> Ph.D., Political Science with a Designated Emphasis in Computational Science and Engineering, 2019  M.A., Political Science, 2014  <b>University of Massachusetts, Amherst</b> B.A., Economics, Phi Beta Kappa, 2008	
REFEREED ARTICLES	Kellie Ottoboni and Jason Poulos (n.d.). “Estimating Population Average Treatment Effects from Experiments with Noncompliance.” <i>Journal of Causal Inference</i> , accepted. <a href="https://arxiv.org/abs/1901.02991">arXiv:1901.02991</a> .  Jason Poulos (2019). “Land Lotteries, Long-term Wealth, and Political Selection.” <i>Public Choice</i> , 178(1): 217-230.  Jason Poulos and Rafael Valle (2018). “Missing Data Imputation for Supervised Learning.” <i>Applied Artificial Intelligence</i> 32(2): 186-196. <a href="https://arxiv.org/abs/1610.09075">arXiv:1610.09075</a> .	
PAPERS UNDER REVIEW	“RNN-Based Counterfactual Prediction, with an Application to Homestead Policy and Public Schooling.” <b>Invited to Revise &amp; Resubmit, <i>Journal of the Royal Statistical Society, Series C</i></b> . <a href="https://arxiv.org/abs/1712.03553">arXiv:1712.03553</a> .  “State-Building through Public Land Disposal? An Application of Matrix Completion for Counterfactual Prediction.” <a href="https://arxiv.org/abs/1903.08028">arXiv:1903.08028</a> .  “Character-Based Handwritten Text Transcription with Attention Networks” (with Rafael Valle). <a href="https://arxiv.org/abs/1712.04046">arXiv:1712.04046</a> .  “Adversarial Machine Learning: Perspectives from Adversarial Risk Analysis” (with David Rios Insua, Roi Naveiro, and Victor Gallego). <a href="https://arxiv.org/abs/2003.03546">arXiv:2003.03546</a> .	
GRANTS AND FELLOWSHIPS	PI, <b>National Science Foundation</b> Frontera Startup Allocation: “RNN-Based Counterfactual Prediction on High-Dimensional Longitudinal Health Data” (SES20001), 2020-2021	

PI, **National Science Foundation** XSEDE Startup Allocation: “RNN-Based Counterfactual Time-Series Prediction” (SES180010), 2018-2019, 2020-2021 (\$2,172)

Berkeley Empirical Legal Studies Graduate Fellowship, **University of California, Berkeley**, School of Law, 2016-2017 (\$1,000)

**National Science Foundation** Graduate Research Fellowship, 2013-2018

OTHER  
PROFESSIONAL  
EXPERIENCE

Research Support Associate, Department of Political Science,  
**Massachusetts Institute of Technology**, 2011 - 2013

Research Assistant, Department of Economics, **Harvard University**, 2010 - 2011

Research Assistant, Harvard Kennedy School, **Harvard University**, 2009 - 2010

CONFERENCE &  
WORKSHOP  
PRESENTATIONS

“Big Data Meets Survey Science” (**BigSurv20**) Conference, Nov.-Dec. 2020

International Conference on Advances in Interdisciplinary Statistics and Combinatorics (**AISC**), Oct. 2020

“Data Science, Statistics & Visualization” Conference, **SAMSI**, July 2020

“Statistical Methods for Computational Advertising” Workshop,  
**Banff International Research Station**, April 2020

**Society for Political Methodology** 2020 (paper)

**American Political Science Association** 2014 (poster), 2015 (paper), 2018 (paper; discussant)

**Midwest Political Science Association** 2018 (paper)

TEACHING &  
MENTORING

Graduate Student Instructor, Department of Political Science,  
**University of California, Berkeley**, 2017 - 2019

Introduction to American Politics (undergraduate) with Prof. Paul Pierson,  
spring 2017 and spring 2018

Introduction to Empirical Analysis & Quantitative Methods (undergraduate)  
with Prof. Andrew Little, fall 2018

Research Mentor, Undergraduate Research Apprentice Program (URAP),  
**University of California, Berkeley**, fall 2016 and spring 2017

SERVICE

**Reviewer:** *Distributed and Parallel Databases; Economics & Politics; European Journal of Operational Research; IEEE Transactions on Sustainable Computing; NeurIPS 2019; Springer (Mathematics program); Statistics and Public Policy*