

Jason Poulos

CONTACT	Department of Statistical Science Duke University Box 90251 Durham, NC 27708	 jason.poulos@duke.edu  jasonvpoulos.com  github.com/jvpoulos
EDUCATION	University of California, Berkeley Ph.D., Political Science with a Designated Emphasis in Computational Science and Engineering, 2019 M.A., Political Science, 2014 Massachusetts Institute of Technology Non-degree graduate coursework in Economics, 2011-2013 Harvard University Non-degree graduate coursework in Economics, 2010 University of Massachusetts, Amherst B.A., Economics, Phi Beta Kappa, 2008	
PROFESSIONAL APPOINTMENTS	Duke University and SAMSI , Durham, NC Postdoctoral Associate, Department of Statistical Science, August 2019 – Faculty Mentor: Prof. Fan Li	
REFEREED ARTICLES	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.	
PAPERS UNDER REVIEW	“RNN-Based Counterfactual Prediction, with an Application to Homestead Policy and Public Schooling.” Invited to Revise & Resubmit , <i>Journal of the Royal Statistical Society, Series C</i> . arXiv:1712.03553 . “Estimating Population Average Treatment Effects from Experiments with Non-compliance” (with Kellie Ottoboni). Revised & Resubmitted (second round) , <i>Journal of Causal Inference</i> . arXiv:1901.02991 . “State-Building through Public Land Disposal? An Application of Matrix Completion for Counterfactual Prediction.” arXiv:1903.08028 . “Character-Based Handwritten Text Transcription with Attention Networks” (with Rafael Valle). arXiv:1712.04046 .	

GRANTS AND FELLOWSHIPS	<p>PI, National Science Foundation XSEDE Startup Allocation: “RNN-Based Counterfactual Time-Series Prediction” (SES180010), 2018-2021 (\$1,122)</p> <p>Berkeley Empirical Legal Studies Graduate Fellowship, University of California, Berkeley, School of Law, 2016-2017 (\$1,000)</p> <p>National Science Foundation Graduate Research Fellowship, 2013-2018</p>
OTHER PROFESSIONAL EXPERIENCE	<p>Research Support Associate, Department of Political Science, Massachusetts Institute of Technology, 2011 - 2013</p> <p>Research Assistant, Department of Economics, Harvard University, 2010 - 2011</p> <p>Research Assistant, Harvard Kennedy School, Harvard University, 2009 - 2010</p>
INVITED TALKS	<p>“Statistical Methods for Computational Advertising” Workshop, Banff International Research Station, April, 2020</p>
CONFERENCE PRESENTATIONS	<p>American Political Science Association 2014 (poster), 2015 (paper), 2018 (paper; discussant)</p> <p>Midwest Political Science Association 2018 (paper)</p>
TEACHING INTERESTS	<p>Applied Machine Learning; Causal Inference; Empirical Political Economy</p>
TEACHING & MENTORING	<p>Graduate Student Instructor, Department of Political Science, University of California, Berkeley, 2017 - 2019</p> <p>Introduction to American Politics (undergraduate) with Prof. Paul Pierson, spring 2017 and spring 2018</p> <p>Introduction to Empirical Analysis & Quantitative Methods (undergraduate) with Prof. Andrew Little, fall 2018</p> <p>Research Mentor, Undergraduate Research Apprentice Program (URAP), University of California, Berkeley, fall 2016 and spring 2017</p>
SERVICE	<p>Reviewer: <i>Economics & Politics</i>; <i>European Journal of Operational Research</i>; <i>NeurIPS 2019</i>; <i>Statistics and Public Policy</i></p>