

# Jason Poulos

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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 (2020). “Estimating Population Average Treatment Effects from Experiments with Noncompliance.” <i>Journal of Causal Inference</i> , 8(1):1-23. <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” (with Shuxi Zeng). R&R, <i>Journal of the Royal Statistical Society, Series C</i> . <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). R&R, <i>Neural Computing and Applications</i> . <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, <b>National Science Foundation</b> XSEDE Startup Allocation: “RNN-Based Counterfactual Time-Series Prediction” (SES180010), 2018-2019, 2020-2021 (\$2,172)
	Berkeley Empirical Legal Studies Graduate Fellowship, <b>University of California, Berkeley</b> , School of Law, 2016-2017 (\$1,000)
	<b>National Science Foundation</b> Graduate Research Fellowship, 2013-2018
OTHER PROFESSIONAL EXPERIENCE	Research Support Associate, Department of Political Science, <b>Massachusetts Institute of Technology</b> , 2011 - 2013
	Research Assistant, Department of Economics, <b>Harvard University</b> , 2010 - 2011
	Research Assistant, Harvard Kennedy School, <b>Harvard University</b> , 2009 - 2010
CONFERENCE & WORKSHOP PRESENTATIONS	International Conference on Advances in Interdisciplinary Statistics and Combinatorics ( <b>AISC</b> ), Oct. 2021
	“Big Data Meets Survey Science” ( <b>BigSurv20</b> ) Conference, Nov.-Dec. 2020
	“Data Science, Statistics & Visualization” Conference, <b>SAMSI</b> , July 2020
	<b>Society for Political Methodology</b> 2020 (paper)
	<b>American Political Science Association</b> 2014 (poster), 2015 (paper), 2018 (paper; discussant)
	<b>Midwest Political Science Association</b> 2018 (paper)
SERVICE	<b>Reviewer:</b> <i>Applied Artificial Intelligence; Distributed and Parallel Databases; Economics &amp; Politics; European Journal of Operational Research; NeurIPS (2019, 2020); Springer Mathematics; Statistics and Public Policy</i>
TECHNICAL SKILLS	<b>Languages:</b> R (expert); Python (moderate); bash (moderate); C/C++/UPC (novice) <b>VCS:</b> git + github; SVN <b>Frameworks &amp; libraries:</b> TensorFlow; Keras; scikit-learn; Open MPI <b>Operating systems:</b> Linux (CentOS; Ubuntu)

## REFERENCES

Prof. Sean Gailmard  
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