

Jason Poulos

CONTACT

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EDUCATION

University of California, Berkeley

Ph.D., Political Science with a Designated Emphasis in Computational and Data Science and Engineering (*Expected May 2019*)

Coursework: Applied & Theoretical Statistics; Causal Inference; Deep Learning; Machine Learning; Nonparametric Statistics; Parallel Computing; Statistical Computing

M.A., Political Science, 2014

University of Massachusetts, Amherst

B.A., Economics, Phi Beta Kappa, 2008

Massachusetts Institute of Technology

Special Graduate Student, 2011-2013

Harvard University

Non-degree graduate coursework, 2010

REFEREED ARTICLES

“Land Lotteries, Long-term Wealth, and Political Selection,” Accepted for publication, *Public Choice*.

Jason Poulos and Rafael Valle (2018). “[Missing Data Imputation for Supervised Learning](#).” *Applied Artificial Intelligence* 32(2): 186-196. [\[Code\]](#)

PROJECTS

“[Building State Capacity through Public Land Disposal: An Application of RNN-Based Counterfactual Time-Series Prediction](#)”

Invited for Resubmission to *Journal of the Royal Statistical Society, Series A*

“[Character-Based Handwritten Text Transcription with Attention Networks](#)”
(with Rafael Valle) [\[Code\]](#)

“[RNN-Based Counterfactual Time-Series Prediction](#)”

“Estimating Population Average Treatment Effects from Experiments with Noncompliance” (with Kellie Ottoboni)

Invited for Resubmission to *Journal of Causal Inference*

GRANTS AND FELLOWSHIPS

Principal Investigator, NSF XSEDE Startup Allocation: “RNN-Based Counterfactual Time-Series Prediction” (SES180010), 2018-2019

Berkeley Empirical Legal Studies Graduate Fellowship, University of California, Berkeley, School of Law, 2016-2017

NSF Graduate Research Fellowship, 2013-2018

PROFESSIONAL EXPERIENCE

MIT Department of Political Science, Cambridge, MA

Research Support Associate

August 2011 – May 2013

- R and Stata programming for RCT on information interventions in East Africa

National Bureau of Economic Research (NBER), Cambridge, MA

Research Assistant

November 2010 – April 2011

- Stata programming for project on for-profit higher education sector

Harvard Decision Science Laboratory, Cambridge, MA

Research Assistant

October 2009 – November 2010

- Subject recruitment and experimentation in behavioral decision making

TECHNICAL SKILLS

Languages: R (expert); Python (moderate); bash (novice); C/C++/UPC (novice)

VCS: git + github

Frameworks & libraries: Keras; TensorFlow; scikit-learn; Open MPI

Operating systems: Linux (Ubuntu)

REFERENCES

Prof. Sean Gailmard
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