

Zachary M. Jones

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Employment

Moore/Sloan Data Science Postdoctoral Fellowship, eScience Institute, *University of Washington*, 2017-2019.

Education

Ph.D. Political Science, *Pennsylvania State University*, 2017.

M.A. Political Science, *University of Georgia*, 2013.

B.A. Political Science and Philosophy, *Georgia Southern University*, 2010.

Research

Peer-Reviewed Publications

1. [mmpf: Monte-Carlo Methods for Prediction Functions](#), *The R Journal* (2018), Zachary M. Jones.
2. [Is There More Violence in the Middle?](#), *American Journal of Political Science* (2018), Zachary M. Jones and Yonatan Lupu.
3. [edarf: Exploratory Data Analysis using Random Forests](#), *Journal of Open Source Software* (2016), Zachary M. Jones and Fridolin Linder.
4. [mlr: Machine Learning in R](#), *Journal of Machine Learning Research* (2016), Bernd Bischl, Michel Lang, Lars Kotthoff, Julia Schiffner, Jakob Richter, Erich Studerus, Giuseppe Casalicchio and Zachary M. Jones.
5. [Enhancing Validity in Observational Settings When Replication is Not Possible](#), *Political Science Research and Methods* (2016), Christopher J. Fariss and Zachary M. Jones.
6. [Human Rights Texts: Converting Human Rights Primary Source Documents into Data](#), *PLoS One* (2015), Christopher J. Fariss, Fridolin Linder, Zachary M. Jones, Charles Crabtree, Megan Biek, Ana-Sophia Ross, Taranamol Kaur, and Michael Tsai.
7. [An Empirical Evaluation of Explanations for State Repression](#), *American Political Science Review* (2014), Daniel W. Hill Jr. and Zachary M. Jones.

Working Papers

1. [Interpretable Statistical Learning Methods](#), Zachary M. Jones.
2. [fanova: ANOVA Decomposition of Prediction Functions](#), Zachary M. Jones.

Editor-Reviewed Publications

1. [Git/GitHub, Transparency, and Legitimacy in Quantitative Research](#), *The Political Methodologist* (2013).

Software

- [fanova](#): Functional Analysis of Variance ([author and creator](#))
- [mmpf](#): Monte-Carlo Methods for Prediction Functions ([author and creator](#))
- [mlr](#): Machine Learning with R ([author and contributor](#))
- [edarf](#): Exploratory Data Analysis using Random Forests ([author and creator](#))

Invited Talks

1. [Interpretable Statistical Learning Methods](#), Zachary M. Jones, New Faces in Political Methodology, *Pennsylvania State University* (2018).
2. [Interpretable Statistical Learning Methods](#), Zachary M. Jones, *University of Colorado Boulder* (2016).
3. [Data Mining as Exploratory Data Analysis](#), Zachary M. Jones, *International Methods Colloquium* (2015).

Conference Presentations

1. [Inference on the Effects of Observed Features in Latent Space Models for Networks](#), Zachary M. Jones, *Society for Political Methodology* (2016).
2. [Inference on the Effects of Observed Features in Latent Space Models for Networks](#), Zachary M. Jones, *Political Networks* (2016).
3. [Data Mining as Exploratory Data Analysis](#), Zachary M. Jones, *Society for Political Methodology* (2015).
4. [An Empirical Evaluation of Explanations for State Repression](#), Daniel W. Hill Jr. and Zachary M. Jones, *Peace Science Society* (2013).

Fellowships and Awards

- Google Summer of Code Fellowship, [mlr: Machine Learning in R](#) (2015).
- Jesse M. MacKnight Memorial Scholarship, *Pennsylvania State University* (2014-2015).
- Robert W. Graham Endowed Fellowship, *Pennsylvania State University* (2013).
- Carlos A. Pelanda Paper Award, *University of Georgia* (2011).

Teaching

1. Social Data Analytics, *Pennsylvania State University* (2016) (graduate).
2. Advanced Maximum Likelihood, *ICPSR Summer Program* (2014) (assistant).
3. Modern Warfare, *University of Georgia* (2012).

Service

Reviewing

The R Journal (1), *Journal of Politics* (5), *International Political Science Review* (1), *Political Science Research and Methods* (1), *American Political Science Review* (3), *British Journal of Political Science* (1), *Political Analysis* (3), *American Journal of Political Science* (2), *Journal of Conflict Resolution* (2), *Journal of Peace Research* (2), *Conflict Management and Peace Science* (2), *International Interactions* (2)

References

1. Bruce Desmarais: bdesmarais@psu.edu
Associate Professor of Political Science, *Pennsylvania State University*
2. Christopher Zorn: zorn@psu.edu
Liberal Arts Research Professor of Political Science and Sociology, *Pennsylvania State University*
3. Christopher J. Fariss: cjf0006@gmail.com
Assistant Professor of Political Science, *University of Michigan*

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