Yuki Shiraito

Curriculum Vitae

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Contact Information

Center for Political Studies
Institute for Social Research, Room 4259
University of Michigan
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Positions

Assistant Professor, Department of Political Science, University of Michigan, 2018-present.

Postdoctoral Scholar, Program in Quantitative Social Science, Dartmouth College, 2017-2018.

Education

Ph.D. in Politics, Princeton University, 2017.

M.A. in Politics, Princeton University, 2012.

LL.M., The University of Tokyo, 2009.

LL.B., The University of Tokyo, 2007.

Fields of Interest

Quantitative methods, political economy, international relations.

Peer Reviewed Articles

"Large-scale Text Processing Pipeline with Apache Spark." 2016. *IEEE International Conference on Big Data*, Washington, DC, pp. 3928-3935 (with Alexey Svyatkovskiy, Kosuke Imai, and Mary Kroeger).

"Coethnic Bias and Wartime Informing." 2015. *Journal of Politics*, Vol. 77, No. 3 (July), pp. 833-848 (with Jason Lyall and Kosuke Imai).

"Neural Correlate of Human Reciprocity in Social Interactions." 2013. *Frontiers in Neuroscience*, Vol. 7 (with Sakaiya, Shiro, Junko Kato, Hiroko Ide, Kensuke Okada, Kouji Takano, and Kenji Kansaku).

Working Papers

"Uncovering Heterogeneous Treatment Effects."

"Strengtening Weak Instruments by Modeling Compliance" (with Marc Ratkovic).

"Policy Positions in Mixed Member Electoral Systems: Evidence from Japan" (with Shigeo Hirano, Kosuke Imai, and Masaki Taniguchi).

Work in Progress

"A Topic Modeling Approach to the Diffusion of Ideas and Precedents in Text Data."

"Probabilistic Modeling of Plagiarism" (with Mary A. Kroeger and Kosuke Imai).

"Finding Policy Diffusion: Large Scale Text Comparison Approach using All State Bills from 1995-2014" (with Mary A. Kroeger, Alexey Svyatkovskiy, and Kosuke Imai).

Statistical Software

"`endorse`: Bayesian Measurement Models for Analyzing Endorsement Experiments" (with Kosuke Imai and Bryn Rosenfeld) available through the Comprehensive R Archive Network. 2012.

"`poisbinom`: A Faster Implementation of the Poisson-Binomial Distribution" (with Santiago Olivella) available through the Comprehensive R Archive Network. 2017.

External Invited Presentations

The International Methods Colloquium. Rice University.
"Uncovering Heterogeneous Treatment Effects." March 2017.

New Faces in Political Methodology. Pennsylvania State University.
"Strengthening Weak Instruments by Modeling Compliance." April 2014.

Conference Presentations

Society for Political Methodology, Annual Summer Meeting (Madison, July 2017)
"Probabilistic Models of Plagiarism: An Application to Policy Diffusion." Poster Presentation.

Joint Quantitative Political Science Conference for Asia and Australasia (Sydney, January 2017)
"Uncovering Heterogeneous Treatment Effects."

Society for Political Methodology, Annual Summer Meeting (Houston, July 2016)
"A Bayesian Nonparametric Approach to Causal Heterogeneity." Poster Presentation.

Society for Political Methodology, Annual Summer Meeting (Rochester, July 2015)
"Topical N-gram Citation Model." Poster Presentation.

Midwest Political Science Association, Annual Meeting (Chicago, April 2014)
"Strengthening Weak Instruments by Modeling Compliance" (with Marc Ratkovic).

American Political Science Association, Annual Meeting (Chicago, August 2013)
"Dropping a Dime: Coethnic Bias and Wartime Informing" (with Jason Lyall and Kosuke Imai).

Midwest Political Science Association, Annual Meeting (Chicago, April 2013)
"A Reassessment of the Resource Curse: A Bayesian Dynamic Analysis of Panel Data" (with Devin Incerti and Gabriel Lopez-Moctezuma).

Society for Political Methodology, Annual Summer Meeting (Chapel Hill, July 2012)
"A Reassessment of the Resource Curse: A Bayesian Dynamic Analysis of Panel Data." Poster Presentation.

Honors, Awards and Fellowships

The Society for Political Methodology Poster Award at the annual summer Methodology Meeting, 2015.

Princeton Politics Department Formal and Quantitative Methods Graduate Fellowship, 2013-present.

Dean's Fund for Scholarly Travel, Princeton University, 2013.

Stafford Funding for Conference Travel, Department of Politics, Princeton University, 2013.

Graduate Student Felloship, Princeton University, 2010-present.

Yoshida Scholarship Foundation
    (competitive scholarship awarded to Japanese students enrolled in foreign universities)
    Fellowship, 2010-2012
    Research grant, 2012-2013

Teaching Experience

Advanced Quantitative Social Science
    Assistant Instructor, the University of Tokyo, Summer 2017 (Professor Kosuke Imai)

POL 349 Political Economy (Undergraduate)
    Assistant Instructor, Princeton University, Fall 2014 (Professor Thomas Romer)

Politics Math Camp (Graduate)
    Instructor, Princeton University, Summer 2014

POL 345 Quantitative Analysis and Politics (Undergraduate)
    Assistant Instructor, Princeton University, Fall 2013 (Professor Marc Ratkovic)

Politics Math Camp (Graduate)
    Instructor, Princeton University, Summer 2013

POL575 Formal Political Analysis I (Graduate)

Assistant Instructor, Princeton University, Spring 2013 (Professor Adam Meirowitz)

POL573 Quantitative Analysis III (Graduate)
Assistant Instructor, Princeton University, Fall 2012 (Professor Kosuke Imai)

Statistical and Formal Theory Consulting (consulting service to assist faculty members and students offered by the Program for Quantitative and Analytical Political Science)
Consultant, Fall 2012 and Spring 2013

Technical Workshops

"Writing Papers Using LaTeX," Program for Quantitative and Analytical Political Science, Princeton University, October 2012.

References

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