

Shiro Kuriwaki

Curriculum Vitae

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Department of Political Science
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Appointments

Assistant Professor of Political Science, Yale University Expected July 2022 -
Postdoctoral Research Fellow, Stanford University June 2021 -

Education

Ph.D., Government, Harvard University May 2021
Dissertation: “[The Swing Voter Paradox: Electoral Politics in a Nationalized Era.](#)”
Committee: Stephen Ansolabehere, Kosuke Imai, James M. Snyder, Jr.
A.B., Public Policy, Princeton University, *magna cum laude* June 2014
Advisor: Susan T. Fiske

Peer-Reviewed Publications

6. Valerie C. Bradley, Shiro Kuriwaki, Michael Isakov, Dino Sejdinovic, Xiao-Li Meng, and Seth Flaxman. “Unrepresentative Big Surveys Significantly Overestimate US Vaccine Uptake.” *Nature*, In Press. Working Paper version at [arXiv:2106.05818](#).
5. Christopher T. Kenny, Shiro Kuriwaki, Cory McCartan, Tyler Simko, Evan Rosenman, and Kosuke Imai. 2021. “The Use of Differential Privacy for Census Data and its Impact on Redistricting: The Case of the 2020 U.S. Census.” *Science Advances* 7 (41). DOI: [10.1126/sciadv.abk3283](#)
4. Stephen Ansolabehere and Shiro Kuriwaki. 2021. “Congressional Representation: Accountability from the Constituent’s Perspective.” *American Journal of Political Science*. DOI: [10.1111/ajps.12607](#)

3. Michael Isakov and Shiro Kuriwaki. 2020. “Towards Principled Unskewing: Viewing 2020 Election Polls Through a Corrective Lens from 2016.” *Harvard Data Science Review* 2 (4). DOI: [10.1162/99608f92.86a46f38](https://doi.org/10.1162/99608f92.86a46f38).
2. Gary King, Shiro Kuriwaki, and Yon Soo Park. 2020. “The ‘Math Prefresher’ and The Collective Future of Political Science Graduate Training.” *PS: Political Science & Politics* 53 (3) 537-541. DOI: [10.1017/S1049096519002245](https://doi.org/10.1017/S1049096519002245).
1. Andrew Hall, Connor Huff, and Shiro Kuriwaki. 2019. “Wealth, Slave Ownership, and Fighting for the Confederacy: An Empirical Study of the American Civil War.” *American Political Science Review* 113 (3): 658–673. DOI: [10.1017/S0003055419000170](https://doi.org/10.1017/S0003055419000170).

Selected Working Papers

Shiro Kuriwaki. “[Ticket Splitting in a Nationalized Era](#).”

Shiro Kuriwaki and Soichiro Yamauchi. “[Synthetic Area Weighting for Measuring Public Opinion in Small Areas](#).”

Shiro Kuriwaki. “[A Clustering Approach for Characterizing Voter Types: An Application to High-Dimensional Ballot and Survey Data](#).”

Max Goplerud, Shiro Kuriwaki, Marc Ratkovic, and Dustin Tingley. “[Sparse Multilevel Regression \(and Poststratification \(sMRP\)\)](#).”

Yusaku Horiuchi, Shiro Kuriwaki, and Daniel Smith. “Are Voters’ Decisions Consistent with Their Policy Preferences? A Conjoint Design-Based Approach.”

Book project with Stephen Ansolabehere, Representation in Congress. Article-length chapters include:

“The Seats-Votes Curve for Issue Preferences.”

“A Measure of Representation through Districts and Parties.”

“The 60 percent Congress: How well does Congress Represent the American Public?”

Awards, Fellowships, and Selected Research Grants

Harvard

Jeanne Humphrey Block Dissertation Award, IQSS	2020
Awarded to 3 dissertation proposals in the social sciences	
Dean’s Award for Excellence in Student Teaching, Harvard Kennedy School	2020
Awarded to 5-6 teaching fellows each year based on student nominations	
Distinction in Student Teaching, Harvard Kennedy School	2020
Based on numeric course evaluations	
Tom Carsey Scholar, APSA State Politics and Policy Section	2020

IQSS Research Grant, \$1,920	2019
MIT Election Data and Science Lab New Initiatives Grant, \$10,000	2018
For “Ballot Image Logs: Data Collection and Standardization”	
Department of Government, \$300	2018
For “The Anatomy of Voting, Up and Down the Ticket”	
Best Poster Award, Department Graduate Student Poster Session	2018
Center for American Political Studies Research Grant \$1,000	2016
Douglas Dillon Fellowship, Graduate School of Arts and Sciences	2015 - 2016

Princeton

Lieutenant John A. Larkin Jr. Memorial Prize	2014
For the best department undergraduate senior thesis in political economy	

Other Writing

- Shiro Kuriwaki. 2019. “[The Administration of Cast Vote Records in U.S. States.](#)”
- Shiro Kuriwaki and Shun Yamaya. 2019. “[Charleston Exit Poll Technical Report.](#)” (Center for American Political Studies, Harvard University.)
- “[Math Prefresher for Political Scientists.](#)” (contributor and repository maintainer, 2017 -)

Public Datasets

- Jeremiah Cha, Shiro Kuriwaki, and James M. Snyder, Jr. “Candidates in American General Elections”, Harvard Dataverse. DOI: [10.7910/DVN/DGDRDT](#)
- Shiro Kuriwaki, “Cumulative CCES Common Content”, Harvard Dataverse. DOI: [10.7910/DVN/II2DB6](#)

Software

- [dataverse](#): Provides access to Dataverse APIs enabling data search, retrieval, and deposit. [CRAN] (Maintainer)
- [ccesMRPprep](#): Portable Routines for Preparing CCES and ACS data for MRP
- [ddi](#): The Data Defect Index for Samples that May not be IID. [CRAN] (Creator)
- [DirectEffects](#): Estimating Controlled Direct Effects for Explaining Causal Findings. [CRAN] (Author, with others)
- [sparsereg](#): Sparse Bayesian Models for Regression and Subgroup Analysis. (Author, with Marc Ratkovic and Dustin Tingley)
- [ballot](#): Package to facilitate reading and tidying transcripts of ballot images. (Creator).

Teaching

Political Science

American Public Opinion, Department of Government	2018
Includes R and Stata instruction	
Introduction to American Government, Harvard Summer School	2019
Government and Politics of Modern Japan, Department of Government	2018

Statistics and Data Science in the Social Sciences

Harvard Kennedy School MPA-ID Program, R teaching fellow	2019 - 2020
For two courses in probability, regression, and causal inference	
Quantitative Analysis (MPP-level), Harvard Kennedy School MPP Program	2017, 2018
Accelerated Track. Includes R and Stata instruction	
Math Prefresher (PhD-level), Department of Government*	2017, 2018
R training, Harvard Kennedy School MPP Program*	2020
Math Camp R training, Harvard Kennedy School MPA-ID Program*	2019

(★ indicates main or sole instructor, including curriculum design)

Advising

Thesis Co-advisor, Dewi Amaliah (Monash University)	2021
Senior Thesis Advisor, Stephen Moon (Harvard College, Statistics)	2019 - 2020

Presentations

Invited Seminars

University of Massachusetts, Amherst	2021
Stanford Political Science (Guest Speaker Workshop)	2021
UCLA Department of Political Science, American Politics Workshop	2021
Stanford Democracy Policy Lab	2019
MIT Election Data Science Lab	2019

Specialized Conferences

Making of Research Articles (Invited, Japanese)	2021
Junior Americanist Workshop Series	2021
Election Sciences, Reform, & Administration Conference	2019, 2020
Special Conference on MRP, Columbia University	2020
State Politics and Policy Conference, conference canceled	2020
Asian Political Methodology Meeting	2019
Yale University Workshop on Japanese Politics and Diplomacy (Invited)	2018
Harvard Experimental Political Science Graduate Student Conference	2017
NYU Center for Experimental Social Science, Annual Conference	2017

Data Science Workshops

Toronto Data Workshop on Reproducibility (Invited)	2021
Toronto Data Workshop (Invited)	2020
Department of Psychology Methodology Dinner (Invited)	2019
Harvard Initiative for Learning & Teaching, Data Science Workshop (Invited)	2019

Association Conferences

American Political Science Association Annual Meeting (2017, 2018, 2019, 2020), Polmeth Conference of the Society for Political Methodology (2017, 2018, 2019, 2020, 2021), Southern Political Science Association Annual Meeting (2019, 2020), European Political Science Association Annual Meeting (2018), Midwestern Political Science Association, Annual Meeting (2016, 2017, 2018, 2020).

Working Group Grants

Center for American Political Studies, \$2,000; Weatherhead Center for International Affairs, \$4,000. with Gabrielle Malina, Shom Mazumder, and David Romney	2017
Institute for Quantitative Social Science, \$4,500 with Gabrielle Malina, Alex Mierke-Zatwarnicki, and David Romney	2017
Institute for Quantitative Social Science, \$1,500; Weatherhead Center for International Affairs, \$1,800. with Connor Huff and Christopher Lucas	2015

Service

Department

American Politics Speaker Series Coordinator	2019 - 2020
Government Department Climate Survey Committee Member	2018 - 2019
Harvard Graduate Student Council Department Representative	2017 - 2018
American Politics Research Workshop Coordinator	2016 - 2017
Harvard Experimental Working Group Coordinator	2016 - 2018
Departmental Professionalization Workshops Note-taker	2015 - 2016

Organized Conferences

Department American Politics Conference (inaugural) with Gwen Calais-Haase, Connor Phillips, and Mitchell Kilborn	2020
Harvard Experimental Political Science Graduate Student Conference with Gabrielle Malina, Shom Mazumder, and David Romney (2018); Connor Huff, Dominika Kruszewska, and Christopher Lucas (2016, inaugural)	2016, 2018

Discipline

Instructor for the Diversity and Inclusion Hackathon APSA Annual Meeting (2018), Co-organizer for the APSA Japan Dinner (2018)

Referee Service

American Political Science Review, *Journal of Politics* (2), *Electoral Studies*, *Legislative Studies Quarterly*, *Comparative Political Studies*, *Climatic Change*, *Harvard Data Science Review*.

Discussant Service

Midwest Political Science Association Annual Conference (2020), Southern Political Science Association Annual Conference (2020), American Political Science Association Annual Conference (2019), Asian Political Methodology Meeting (2019).

Past Employment

Analyst Institute in Washington D.C.	
Part-time Analyst	2016
Full-time Analyst	2014 - 2015