Shiro Kuriwaki

Curriculum Vitae

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Department of Political Science, Yale University   https://www.shirokuriwaki.com
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Appointments

Assistant Professor of Political Science, Yale University   July 2022 -
    Resident Fellow, Institution of Social and Policy Studies (ISPS)
    Faculty Affiliate, Center for the Study of American Politics (CSAP)

Postdoctoral Research Fellow, Stanford University   2021 - 2022

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

10. Shiro Kuriwaki, Stephen Ansolabehere, Angelo Dagonel, and Soichiro Yamauchi. "The Geography of Racially Polarized Voting: Calibrating Surveys at the District Level." *American Political Science Review* (2023). DOI: 10.1017/S0003055423000436

9. Christopher T. Kenny, Cory McCartan, Tyler Simko, Shiro Kuriwaki, and Kosuke Imai. "Widespread Partisan Gerrymandering Mostly Cancels Nationally, but Reduces Electoral Competition" with *Proceedings of the National Academy of Sciences* (2023). vol. 120(25). DOI: 10.1073/pnas.2217322120

8. Christopher T. Kenny, Shiro Kuriwaki, Cory McCartan, Evan Rosenman, Tyler Simko, and Kosuke Imai. "Comment: The Essential Role of Policy Evaluation for the 2020 Census Disclosure Avoidance System." *Harvard Data Science Review* (2023). DOI: `10.1162/99608f92.abc2c765`

7. Cory McCartan, Christopher T. Kenny, Tyler Simko, George Garcia III, Kevin Wang, Melissa Wu, Shiro Kuriwaki, Kosuke Imai. "Simulated redistricting plans for the analysis and evaluation of redistricting in the United States: 50stateSimulations," with *Nature Scientific Data* (2022). DOI: `10.1038/s41597-022-01808-2`

6. Valerie C. Bradley, Shiro Kuriwaki, Michael Isakov, Dino Sejdinovic, Xiao-Li Meng, and Seth Flaxman. (co-first author) "Unrepresentative Big Surveys Significantly Overestimated US Vaccine Uptake," *Nature* 600 (2021). DOI: `10.1038/s41586-021-04198-4`.

5. Christopher T. Kenny, Shiro Kuriwaki, Cory McCartan, Tyler Simko, Evan Rosenman, and Kosuke Imai. "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 (2021). DOI: `10.1126/sciadv.abk3283`

4. Stephen Ansolabehere and Shiro Kuriwaki. "Congressional Representation: Accountability from the Constituent's Perspective," *American Journal of Political Science* 66:1 (2022). DOI: `10.1111/ajps.12607`

3. Michael Isakov and Shiro Kuriwaki. "Towards Principled Unskewing: Viewing 2020 Election Polls Through a Corrective Lens from 2016," *Harvard Data Science Review* 2:4 (2020). DOI: `10.1162/99608f92.86a46f38`.

2. Gary King, Shiro Kuriwaki, and Yon Soo Park. "The 'Math Prefresher' and The Collective Future of Political Science Graduate Training," *PS: Political Science & Politics* 53:3 (2020). DOI: `10.1017/S1049096519002245`.

1. Andrew B. Hall, Connor Huff, and Shiro Kuriwaki. "Wealth, Slave Ownership, and Fighting for the Confederacy: An Empirical Study of the American Civil War," *American Political Science Review* 113:3 (2019). DOI: `10.1017/S0003055419000170`.

Selected Working Papers

Shiro Kuriwaki, Jeffrey B. Lewis, and Michael Morse. "The Still Secret Ballot: The Limited Privacy Cost of Transparent Election Results."

Christopher T. Kenny, Shiro Kuriwaki, Cory McCartan, Tyler Simko, and Kosuke Imai. "Evaluating Bias and Noise Induced by the U.S. Census Bureau's Privacy Protection Methods."

Shiro Kuriwaki. "Ticket Splitting in a Nationalized Era."

Shusei Eshima, Yusaku Horiuchi, Shiro Kuriwaki, and Daniel Smith. "Winning Elections with Unpopular Policies: Valence Advantage and Single-Party Dominance in Japan."

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))."

Book project with Stephen Ansolabehere, tentatively titled *Congressional Representation.*

Awards, Fellowships, and Selected Research Grants

Tom Carsey Scholar, APSA State Politics and Policy Section	2020
MIT Election Data and Science Lab New Initiatives Grant, $10,000	2018
For "Ballot Image Logs: Data Collection and Standardization"	

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
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

Susan T. Fiske and Shiro Kuriwaki. 2021. "Words to the Wise on Writing Scientific Papers"

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

3. McCartan, Cory, Chriastopher T. Kenny, Tyler Simko, Shiro Kuriwaki, George Garcia III, Kevin Wang, Melissa Wu, Kosuke Imai. 2021, "50-State Redistricting Simulations", Harvard Dataverse. DOI: `10.7910/DVN/SLCD3E`

2. Jeremiah Cha, Shiro Kuriwaki, and James M. Snyder, Jr. "Candidates in American General Elections", Harvard Dataverse. DOI: `10.7910/DVN/DGDRDT`

1. Shiro Kuriwaki, "Cumulative CES 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)

Teaching

American Politics

The United States Congress, Yale	2022 Fall, 2024 Spring
For undergraduates, includes programming. [Syllabus]	
American Elections with Comparative Perspective, Yale	2023 Spring
For graduates. [Syllabus]	

Statistics and Data Science in the Social Sciences

Applied Quantitative Research Design, Yale Political Science	2022 Fall, 2023 Fall
For advanced BA, BA/MA, and PhD students. [Syllabus]	
Math Prefresher (PhD-level), Department of Government	2017, 201

Teaching Fellow

Introduction to American Government (2019); American Public Opinion (2018); Government and Politics of Modern Japan (2018); Quantitative Analysis, Econometrics, and R Training at the MPP-level and MPA level (2017, 2018, 2019, 2020).

Advising

(Yale unless otherwise noted)

Ph.D. Committees

Merlin Heidemanns (Columbia University)	2022

B.A. and M.A. Theses

Theo Haaks, Adia Keene	2023
Thesis Co-advisor, Dewi Amaliah (Monash)	2021
Senior Thesis Advisor, Stephen Moon (Harvard)	2019 - 2020

Presentations

Invited Seminars

University of Pennsylvania	2024
Princeton University	2024
Georgetown University	2023
Stanford Law, Redistricting and Data Convening	2022

University of Massachussets, Amherst	2021
Making of Research Articles (Invited, Japanese)	2021
Stanford Political Science	2021
UCLA Department of Political Science, American Politics Workshop	2021
Stanford Democracy Policy Lab	2019
MIT Election Data Science Lab	2019

Specialized Conferences

Japanese Society for Quantitative Political Science	2023
Junior Americanist Workshop Series	2021
Election Sciences, Reform, & Administration Conference	2019, 2020, 2023
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, 2022, 2023), 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, 2023), American Association for Public Opinion Research (2022).

Service

Yale

Junior Faculty Search Committee	2023 - 2024
Quantitative Methods Exam Committee (PhD)	2022 - 2024
American Politics and Policy Workshop Coordinator	2022 - 2023

Harvard (Graduate Student)

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 others)   2020
Harvard Experimental Political Science Graduate Student Conference   2016, 2018
    (inaugural in 2016, with others)

Discipline

Advisory Board Member for the 2022 Cooperative Election Study (2022–), 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 (APSR) (2), *American Journal of Political Science* (2) (AJPS), *Journal of Politics* (JOP) (3), *Electoral Studies* (ES), *Legislative Studies Quarterly* (LSQ), *Political Analysis* (PA) (2).

Comparative Political Studies (CPS) (2), *Climatic Change* (CC), *Harvard Data Science Review* (HDSR) (3), *Nature Human Behavior*, *Political Research Quarterly* (PRQ), *Journal of Computational Social Science* (JCSO), *Socius*, *Statistics in Medicine*.

Discussant Service

Polmeth Conference of the Society for Political Methodology (2021, 2022), Midwest Political Science Association Annual Conference (2020, 2023), 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