

# Shiro Kuriwaki

## Curriculum Vitae

March 2025

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.](#)”  
A.B., Public Policy, Princeton University, *magna cum laude* June 2014

### Peer-Reviewed Publications

15. Shiro Kuriwaki, Yusaku Horiuchi, and Daniel M. Smith. “[Winning Elections with Unpopular Policies: Valence Advantage and Single-Party Dominance in Japan.](#)” *Quarterly Journal of Political Science*, Accepted conditional on replication (2025+)
14. Shiro Kuriwaki, Jeffrey B. Lewis, and Michael Morse. [Privacy Violations in Election Results.](#) *Science Advances* 11 (2025). DOI: [10.1126/adt1512](https://doi.org/10.1126/adt1512)
13. Shiro Kuriwaki. “[Ticket Splitting in a Nationalized Era.](#)” *Journal of Politics* (2024+). DOI: [10.1086/734263](https://doi.org/10.1086/734263)

12. Shiro Kuriwaki, Mason Reece, Samuel Baltz, Aleksandra Conevska, Joseph R. Loffredo, Can Mutlu, Taran Samarth, Kevin E. Acevedo Jetter, Zachary Djanogly Garai, Kate Murray, Shigeo Hirano, Jeffrey B. Lewis, James M. Snyder Jr., and Charles Stewart III. **Cast vote records: A database of ballots from the 2020 U.S. Election.** *Nature Scientific Data* 11, 1304 (2024). DOI: [10.1038/s41597-024-04017-1](https://doi.org/10.1038/s41597-024-04017-1)
11. Christopher T. Kenny, Cory McCartan, Shiro Kuriwaki, Tyler Simko, and Kosuke Imai. **“Evaluating Bias and Noise Induced by the U.S. Census Bureau’s Privacy Protection Methods.”** *Science Advances* 10:18 (2024). DOI: [10.1126/sciadv.adl2524](https://doi.org/10.1126/sciadv.adl2524)
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* 118:1 (2024). DOI: [10.1017/S0003055423000436](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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](https://doi.org/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

Stephen Ansolabehere and Shiro Kuriwaki. “Collective Representation in Congress.” Invited to revise and resubmit.

Aleksandra Conevska, Shigeo Hirano, Shiro Kuriwaki, Can Mutlu, Jeffrey B. Lewis, and James M. Snyder, Jr. “How Partisan are U.S. Local Elections? Evidence from 2020 Cast Vote Records.” Invited to revise and resubmit.

Under review: Book project with Stephen Ansolabehere, working title *Representation in America*.

### Awards, Fellowships, and Selected Research Grants

Yale University Democratic Innovations Research Grant, \$10,000	2025
Yale University Democratic Innovations Research Grant, \$20,000	2024
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

Shiro Kuriwaki. 2023. *An Instrumental Variable for Non-Ignorable Nonresponse*, *Harvard Data Science Review* 5(3). Invited Commentary. DOI: 10.1162/99608f92.cfb82819

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

4. Shiro Kuriwaki, Mason Reece, Samuel Baltz, Aleksandra Conevska, Joseph R. Loffredo, Can Mutlu, Taran Samarth, Kevin E. Acevedo Jetter, Zachary Djanogly Garai, Kate Murray, Shigeo Hirano, Jeffrey B. Lewis, James M. Snyder Jr., and Charles Stewart III. “Cast vote records: A database of ballots from the 2020 U.S. Election,” Harvard Dataverse. DOI: [10.7910/DVN/PQQ3KV](#)
3. McCartan, Cory, Christopher 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

### Ph.D. Committees

Nerea Cal (Yale University)  
Merlin Heidemanns (Columbia University) 2022

### B.A. and M.A. Theses at Yale

Zachary Donnini 2025  
Dylan Carlson Sirvent León (yearlong intensive major, *Department Prize for Best Senior Essay in American Politics*), Adia Keene (yearlong intensive), Theo Haaks (yearlong intensive) 2024

## Presentations

### Invited Seminars

Columbia University 2025  
University of North Carolina, Chapel Hill 2025  
MIT American Politics conference (invited speaker) 2024  
University of Chicago, Harris School 2024  
University of Rochester 2024  
University of Pennsylvania 2024  
Princeton University 2024  
Workshop on International Survey Methods (Vanderbilt) 2024  
Georgetown University 2023  
Stanford Law, Redistricting and Data Convening 2022  
University of Massachusetts, 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

Election Sciences, Reform, & Administration Conference (2019–2024), Japanese Society for Quantitative Political Science (2023), Junior Americanist Workshop Series (2021), 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 (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 (2017–2020, 2024), Polmeth Conference of the Society for Political Methodology (2017 – 2024 consecutive), Southern Political Science Association Annual Meeting (2019, 2020), European Political Science Association Annual Meeting (2018), Midwestern Political Science Association Annual Meeting (2016–2018, 2020, 2023–2024), American Association for Public Opinion Research (2022).

## Service

### Yale

CIPE Government Service Fellowship Committee	2024
Junior Faculty Search Committee (AP, CP, IR, QEM)	2023 - 2024
Quantitative Methods Exam Committee (PhD)	2022 - 2024
American Politics and Policy Workshop Coordinator	2022 - 2023

### 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) (4), *American Journal of Political Science* (AJPS) (3), *Journal of Politics* (JOP) (4), *Electoral Studies* (ES), *Legislative Studies Quarterly* (LSQ), *Political Analysis* (PA) (2), *Political Science Research and Methods*.  
*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) (2), *Socius*, *Statistics in Medicine*, *Urban Affairs Review*, *Party Politics*, *Public Choice*, *Journal of Economics*, *Race, and Policy*, *PNAS Nexus*.

## Discussant Service

Polmeth Conference of the Society for Political Methodology (2021, 2022), Midwest Political Science Association Annual Conference (2020, 2023, 2024), 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