

# Shiro Kuriwaki

## Curriculum Vitae

May 2023

Department of Political Science, Yale University <https://www.shirokuriwaki.com>  
Office: 77 Prospect St A104, New Haven CT 06511 [shiro.kuriwaki@yale.edu](mailto:shiro.kuriwaki@yale.edu)  
Mail: 115 Prospect St, PO Box 208301, New Haven CT 06511 Office: 203-436-3960

ORCID: [0000-0002-5687-2647](https://orcid.org/0000-0002-5687-2647)

Google Scholar: [V9l8P0IAAAAJ](https://scholar.google.com/citations?user=V9l8P0IAAAAJ)

### 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. “[The Geography of Racially Polarized Voting: Calibrating Surveys at the District Level](#)”  
(first author), with Stephen Ansolabehere, Angelo Dagonel, and Soichiro Yamauchi. *Forthcoming, American Political Science Review*
9. “[Widespread Partisan Gerrymandering Mostly Cancels Nationally, but Reduces Electoral Competition](#)” with Christopher T. Kenny, Cory McCartan, Tyler Simko, and Kosuke Imai. *Forthcoming, Proceedings of the National Academy of Sciences*

8. “[Comment: The Essential Role of Policy Evaluation for the 2020 Census Disclosure Avoidance System](#),” with Christopher T. Kenny, Cory McCartan, Evan Rosenman, Tyler Simko, Kosuke Imai. *Harvard Data Science Review* (2023). DOI: [10.1162/99608f92.abc2c765](#)
7. “[Simulated redistricting plans for the analysis and evaluation of redistricting in the United States: 50stateSimulations](#),” with Cory McCartan, Christopher T. Kenny, Tyler Simko, George Garcia III, Kevin Wang, Melissa Wu, and Kosuke Imai. *Nature Scientific Data* (2022). DOI: [10.1038/s41597-022-01808-2](#)
6. “[Unrepresentative Big Surveys Significantly Overestimated US Vaccine Uptake](#),” (first author) with Valerie C. Bradley, Michael Isakov, Dino Sejdinovic, Xiao-Li Meng, and Seth Flaxman. *Nature* 600 (2021). DOI: [10.1038/s41586-021-04198-4](#).
5. “[The Use of Differential Privacy for Census Data and its Impact on Redistricting: The Case of the 2020 U.S. Census](#),” with Christopher T. Kenny, Cory McCartan, Tyler Simko, Evan Rosenman, and Kosuke Imai. *Science Advances* 7:41 (2021). DOI: [10.1126/sciadv.abk3283](#)
4. “[Congressional Representation: Accountability from the Constituent’s Perspective](#),” with Stephen Ansolabehere. *American Journal of Political Science* 66:1 (2022). DOI: [10.1111/ajps.12607](#)
3. “[Towards Principled Unskewing: Viewing 2020 Election Polls Through a Corrective Lens from 2016](#),” with Michael Isakov. *Harvard Data Science Review* 2:4 (2020). DOI: [10.1162/99608f92.86a46f38](#).
2. “[The ‘Math Prefresher’ and The Collective Future of Political Science Graduate Training](#),” with Gary King and Yon Soo Park. *PS: Political Science & Politics* 53:3 (2020). DOI: [10.1017/S1049096519002245](#).
1. “[Wealth, Slave Ownership, and Fighting for the Confederacy: An Empirical Study of the American Civil War](#),” with Andrew B. Hall, Connor Huff. *American Political Science Review* 113:3 (2019). DOI: [10.1017/S0003055419000170](#).

### **Selected Working Papers**

- 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, *Congressional Representation*. 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

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, 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](https://doi.org/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](https://doi.org/10.7910/DVN/DGDRDT)

1. Shiro Kuriwaki, “Cumulative CES Common Content”, Harvard Dataverse. DOI: [10.7910/DVN/II2DB6](https://doi.org/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 - 2023  
For undergraduates, includes programming. [Syllabus]

### Statistics and Data Science in the Social Sciences

- Applied Quantitative Research Design, Yale Political Science 2022 - 2023  
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

- Ph.D. Committee, Merlin Heidemanns (Columbia University) 2022

### B.A. and M.A. Theses

- Theo Haaks (Yale Political Science) 2023  
Adia Keene (Yale Political Science) 2023  
Isabella Marin (Yale Political Science) 2022  
Thesis Co-advisor, Dewi Amaliah (Monash) 2021  
Senior Thesis Advisor, Stephen Moon (Harvard) 2019 - 2020

## Presentations

### Invited Seminars

- Stanford Law, Redistricting and Data Convening 2022  
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, 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

Quantitative Methods Exam Committee (PhD)	2022 - 2024
American Politics and Policy Workshop	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 (inaugural in 2016, with others)	2016, 2018

## 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* (AJPS), *Journal of Politics* (JOP) (3), *Electoral Studies* (ES), *Legislative Studies Quarterly* (LSQ), *Political Analysis* (PA).

*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