

# Shiro Kuriwaki

## Curriculum Vitae

August 2022

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

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](https://doi.org/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](https://doi.org/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

Kuriwaki, Shiro, Stephen Ansolabehere, Angelo Dagonel, and Soichiro Yamauchi. “The Geography of Racially Polarized Voting: Calibrating Surveys at the District Level.”

Christopher T. Kenny, Cory McCartan, Tyler Simko, Shiro Kuriwaki, and Kosuke Imai. “Widespread Partisan Gerrymandering Mostly Cancels Nationally, but Reduces Electoral Competition”

Cory McCartan, Christopher T. Kenny, Tyler Simko, George Garcia III, Kevin Wang, Melissa Wu, Shiro Kuriwaki, and Kosuke Imai. “Simulated redistricting plans for the analysis and evaluation of redistricting in the United States: 50stateSimulations.”

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)).”

Eshima, Shusei, Yusaku Horiuchi, Shiro Kuriwaki, and Daniel Smith. “Winning Elections with Unpopular Policies: Understanding Single-Party Dominance in Japan.”

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

### Harvard

Jeanne Humphrey Block Dissertation Award, IQSS	2020
Awarded to 3 dissertation proposals in the social sciences	
<b>Dean's Award</b> 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
<b>MIT Election Data and Science Lab</b> New Initiatives Grant, \$10,000	2018
For "Ballot Image Logs: Data Collection and Standardization"	
Best Poster Award, Department Graduate Student Poster Session	2018
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**
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 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

### American Politics

The United States Congress, Yale Political Science 2022 - 2023

### 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

Math Prefresher (PhD-level), Department of Government 2017, 201

### Advising

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

Thesis Co-advisor, Dewi Amaliah (Monash University) 2021

Senior Thesis Advisor, Stephen Moon (Harvard College, Statistics) 2019 - 2020

### 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).

## 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

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), 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), American Association for Public Opinion Research (2022).

## Service

### Yale

Quantitative Methods Exam Committee (PhD)	2022 - 2023
American Politics and Policy Workshop	2022 - 2023

### Harvard (Graduate Student)

American Politics Speaker Series Coordinator	2019 - 2020
<b>Government Department Climate Survey</b> 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

<b>Department American Politics Conference</b> (inaugural, with others)	2020
<b>Harvard Experimental Political Science Graduate Student Conference</b> (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*, *Journal of Politics* (JOP) (2), *Electoral Studies* (ES), *Legislative Studies Quarterly* (LSQ), *Political Analysis* (PA).

*Comparative Political Studies* (CPS) (2), *Climatic Change* (CC), *Harvard Data Science Review* (HDSR) (2), *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), 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