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# Christopher T. Kenny

Ph.D. Candidate  
Harvard University

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## Education

### Harvard University

Ph.D. (Government) Expected May 2025  
Committee: Kosuke Imai (chair), Steve Ansolabehere, Gary King, Nick Stephanopoulos  
MA (Government) May 2021

### Cornell University

B.A. (Mathematics and Government) May 2019

## Peer-Reviewed Publications

7. “Evaluating Bias and Noise Induced by the U.S. Census Bureau’s Privacy Protection Methods.” 2024. **Christopher T. Kenny**, Cory McCartan, Shiro Kuriwaki, Tyler Simko, and Kosuke Imai. *Science Advances*.
6. “Census Officials Must Constructively Engage with Independent Evaluations.” 2024. **Christopher T. Kenny**, Cory McCartan, Tyler Simko, and Kosuke Imai. *Proceedings of the National Academy of Sciences of the United States of America*.
5. “Widespread Partisan Gerrymandering Mostly Cancels Nationally, but Reduces Electoral Competition.” 2023. **Christopher T. Kenny**, Cory McCartan, Tyler Simko, Shiro Kuriwaki, and Kosuke Imai. *Proceedings of the National Academy of Sciences of the United States of America*.
4. “Comment: The Essential Role of Policy Evaluation for the 2020 Census Disclosure Avoidance System.” 2023. **Christopher T. Kenny**, Shiro Kuriwaki, Cory McCartan, Evan T. R. Rosenman, Tyler Simko, and Kosuke Imai. *Harvard Data Science Review*.
3. “Simulated redistricting plans for the analysis and evaluation of redistricting in the United States.” 2022. Cory McCartan, **Christopher T. Kenny**, Tyler Simko, George Garcia III, Kevin Wang, Melissa Wu, Shiro Kuriwaki, and Kosuke Imai. *Scientific Data*.
2. “The Impact of the U.S. Census Disclosure Avoidance System on Redistricting and Voting Rights Analysis.” 2021. **Christopher T. Kenny**, Shiro Kuriwaki, Cory McCartan, Evan T. R. Rosenman, Tyler Simko, and Kosuke Imai. *Science Advances*.
1. “The Essential Role of Empirical Validation in Legislative Redistricting Simulation.” 2020. Benjamin Fifield, Kosuke Imai, Jun Kawahara, and **Christopher T. Kenny**. *Statistics and Public Policy*.

## Selected Working Papers

1. “Individual and Differential Harm in Redistricting.” Cory McCartan and **Christopher T. Kenny**.

2. “Inequality in Administrative Democracy: Methods and Evidence from Financial Rulemaking.” Daniel P. Carpenter, Angelo Dagonel, Devin Judge-Lord, **Christopher T. Kenny**, Brian Libgober, Steven Rashin, Jacob Waggoner, and Susan Webb Yackee.
3. “Redistricting Reforms Reduce Gerrymandering by Constraining Partisan Actors” Cory McCartan, **Christopher T. Kenny**, Tyler Simko, Emma Ebowe, Michael Y. Zhao, and Kosuke Imai.
4. “Official Statistics Moderately Overestimate Residential Segregation in the United States.” Jacob R. Brown, **Christopher T. Kenny**, and Tyler Simko. (Draft available upon request.)

## Works-in-Progress

1. *Algorithm-Assisted Redistricting Methodology*. Kosuke Imai, **Christopher T. Kenny**, Cory McCartan, and Tyler Simko.

## Fellowships and Awards

### Fellowships

Pre-Doctoral Fellow, Election Law Clinic Harvard Law School	2022
Ashford Fellow, Harvard University	2019-Present
V.O. Key Fellow, Department of Government, Harvard University	2019

### Awards

Statistical Software Award, Society for Political Methodology (for <a href="#">redist</a> )	2022
Certificate of Distinction in Teaching for Gov 2001	Fall 2021
Herbert Kaufman Award for best paper presented, APSA section for Public Administration for “Inequality in Administrative Democracy”	2021

## Data

[RPV Near Me](#). 2023. **Christopher T. Kenny**

[50-State Redistricting Simulations](#). 2022. Cory McCartan, **Christopher T. Kenny**, Tyler Simko, George Garcia III, Kevin Wang, Melissa Wu, Shiro Kuriwaki, and Kosuke Imai.

[2020 Redistricting Data Files](#). 2021. **Christopher T. Kenny** and Cory McCartan.

## Other Writing

[Expert Report in Sakhnovsky, et al v. City of Daytona Beach, Case No. 2024 10140 CICI](#). 2024.

[Redistricting Process Reform in The University of Chicago Center for Effective Government’s Democracy Reform Primer Series](#). 2024. With Steve Ansolabehere.

[Alpha Phi Alpha Fraternity, Inc. et al. v. Brad Raffensperger, Amici Curiae Brief of Fair Districts Georgia and Election Law Clinic in Support of Plaintiffs](#). 2021. With the Election Law Clinic at Harvard Law School.

[Maryland Congressional District Memo](#). 2021. With Jonathan Rodden.

## Software

### R packages for redistricting



[redist: Simulation Methods for Legislative Redistricting](#). 2022. **Christopher T. Kenny**, Cory McCartan, Benjamin Fifield, and Kosuke Imai. [CRAN]

-  **redistmetrics**: *Redistricting Metrics*. 2022. **Christopher T. Kenny**, Cory McCartan, Benjamin Fifield, and Kosuke Imai. [\[CRAN\]](#)
-  **geomander**: *Geographic Tools for Studying Gerrymandering*. **Christopher T. Kenny**. 2022. [\[CRAN\]](#)
-  **redistverse**: *Easily Install and Load Redistricting Software*. **Christopher T. Kenny** and Cory McCartan. 2023. [\[CRAN\]](#)
-  **alarmdata**: *Download, Merge, and Process Redistricting Data*. Cory McCartan, **Christopher T. Kenny**, Tyler Simko, Michael Zhao, and Kosuke Imai. 2022. [\[CRAN\]](#)
-  **redistio**: *Interactive Redistricting*. **Christopher T. Kenny** and Cory McCartan. 2024.
-  **ei**: *Ecological Inference*. Gary King, Molly Roberts, Shusei Eshima, and **Christopher T. Kenny**. 2022.

### R packages for working with Census Data

-  **PL94171**: *Tabulate P.L. 94-171 Redistricting Data Summary Files*. Cory McCartan and **Christopher T. Kenny**. 2022. [\[CRAN\]](#)
-  **censable**: *Making Census Data More Usable*. **Christopher T. Kenny**. 2021. [\[CRAN\]](#)
-  **tinytiger**: *Lightweight Interface to TIGER/Line Shapefiles*. **Christopher T. Kenny** and Cory McCartan. 2022. [\[CRAN\]](#)
-  **cvap**: *Citizen Voting Age Population*. **Christopher T. Kenny**. 2022. [\[CRAN\]](#)
-  **ppmf**: *Read Census Privacy Protected Microdata Files*. **Christopher T. Kenny**. 2021. [\[CRAN\]](#)
-  **baf**: *Block Assignment Files*. **Christopher T. Kenny**. 2024. [\[CRAN\]](#)
-  **apportion**: *Apportion Seats*. **Christopher T. Kenny**. 2023. [\[CRAN\]](#)

### R packages for plotting

-  **dots**: *Dot Density Maps*. **Christopher T. Kenny**. 2022. [\[CRAN\]](#)
-  **ggredist**: *Scales, Geometries, and Extensions of ‘ggplot2’ for Election Mapping*. Cory McCartan and **Christopher T. Kenny**. 2022. [\[CRAN\]](#)
-  **crayons**: *Color Palettes from Crayon Boxes*. **Christopher T. Kenny**. 2023. [\[CRAN\]](#)
-  **palette**: *Color Scheme Helpers*. **Christopher T. Kenny**. 2024. [\[CRAN\]](#)

### R packages interfacing with API services

-  **bskyr**: *Interact with Bluesky Social*. **Christopher T. Kenny**. 2023. [\[CRAN\]](#)
-  **congress**: *Access the Congress.gov API*. **Christopher T. Kenny**. 2022. [\[CRAN\]](#)



**feltr**: Access the Felt API. **Christopher T. Kenny**. 2023. [\[CRAN\]](#)



**gptzero**: Identify Text Written by Large Language Models using GPTZero. **Christopher T. Kenny**. 2023. [\[CRAN\]](#)



**planscorer**: Score Redistricting Plans with PlanScore. **Christopher T. Kenny** and Michal Migurski. 2022. [\[CRAN\]](#)

## Other R packages



**divseg**: Compute Diversity and Segregation Indices. **Christopher T. Kenny**. 2021. [\[CRAN\]](#)



**jot**: Jot Down Values for Later. **Christopher T. Kenny**. 2022. [\[CRAN\]](#)



**name**: Tools for Working with Names. **Christopher T. Kenny**. 2022. [\[CRAN\]](#)

## Teaching Harvard University

Gov 97: Drawing Democracies: Elections and Redistricting in America	2023, 2024
Math Refresher for Political Scientists. (PhD-level)	2022
Gov 2001: Quantitative Social Science Methods I. (PhD-level)	2021

## Senior Thesis Advisees

<b>Luke Kolar</b> : <i>Election Cycling: Quantifying the Impact of Bike Infrastructure on Local Elections and Democracy</i>	2024
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## Presentations

### Conferences

posit::conf	2024
Midwest Political Science Association	2023, 2024
Society for Political Methodology	2022, 2023, 2024
American Political Science Association	2023
The Institute for Operations Research and the Management Sciences	2022
Toronto Workshop on Reproducibility	2022
Redistricting Algorithms, Law, and Policy Conference	2021
Harvard American Politics Conference	2020

### Seminars

Applied Statistics Workshop, IQSS, Harvard University	Fall 2021
American Politics Research Workshop, Harvard University	Fall 2021, Spring 2021, Fall 2022, Fall 2023
Graduate Political Economy, Harvard University	Spring 2021

## **Referee Service**

*Journal of Politics, Political Analysis, rOpenSci, Quarterly Journal of Political Science*

## **Departmental Service**

Webmaster, Graduate Student Association,  
Department of Government, Harvard University

2020 - 2022

## **Related Work**

Research Assistant, Prof. Kosuke Imai, Harvard University

2020 - 2021

Research Assistant, Prof. Dan Carpenter, Harvard University

2020