

CONTACT INFORMATION	Aaron R. Kaufman Office A5-125 Division of Social Sciences New York University, Abu Dhabi Abu Dhabi, UAE	<i>Voice:</i> (818) 263-5583 <i>E-mail:</i> aaronkaufman@nyu.edu <i>Twitter:</i> @aaronrkaufman <i>www:</i> http://aaronrkaufman.com <i>github:</i> https://github.com/aaronrkaufman
RESEARCH INTERESTS	Substantive: political behavior, race and class politics, interest groups, redistricting Methodological: measurement, survey methodology, experimental design, machine learning, causal inference, data visualization, open-source software	
ACADEMIC APPOINTMENTS	New York University, Abu Dhabi , Abu Dhabi, UAE Assistant Professor of Political Science. August 2019 to present. Affiliated Assistant Professor, Department of Politics, NYU. August 2019 to present. Affiliated Assistant Professor, Center for Data Science, NYU. October 2021 to present. Faculty Research Affiliate, Center for Social Media and Politics. January 2020 to present.	
EDUCATION	Harvard University , Cambridge, Massachusetts USA Ph.D. in Government, awarded April 2019 <ul style="list-style-type: none"> • Dissertation Topic: “Essays on the Applications of Machine Learning and Causal Inference in American Politics” • Advisors: Gary King (chair), Ryan Enos, Luke Miratrix, Maya Sen A.M., Statistics, awarded December 2015 University of California, Berkeley , Berkeley, California USA B.A., Political Science and Public Policy, May 2013	
BOOK PROJECT	Kaufman, A.R. and J. Rogowski. Power and Accountability: Foundations of Presidential Governance. <i>In progress.</i>	
PUBLICATIONS	Broockman, D.E, A.R. Kaufman , and G. Lenz. Heuristic Projection: How Interest Group Cues Can Harm Voters’ Judgments. Forthcoming at the <i>British Journal of Political Science</i> . Draft available at https://osf.io/kjsg7/ . Abi-Hassan, S., J. Box-Steffensmeier, D. Christenson, A.R. Kaufman , and B. Libgober. The Political Ideologies of Organized Interests: Large-Scale, Social Network Estimation of Interest Group Ideal Points. Forthcoming at <i>Political Analysis</i> . Available at: https://www.doi.org/10.1017/pan.2022.34 <i>Winner of the Political Networks Conference Best Poster Award, May 2019.</i> Kaufman, A.R. . Selecting More Informative Training Sets with Fewer Observations. <i>Conditionally Accepted at Political Analysis.</i> Kaufman, A.R. and A. Klevs. Adaptive Fuzzy String Matching: How to Merge Data Sets with Only One (Messy) Identifying Field. <i>Political Analysis</i> , 30(4): 590-596 (2022). Available at https://www.doi.org/10.1017/pan.2021.38 . Kaufman, A.R. , G. King, and M. Komisarchik. How to Measure Legislative District Compactness If You Only Know it When You See it. <i>American Journal of Political Science</i> , 65: 533-550 (2021).	

Available at j.mp/Compactness. Winner of MPSA's 2018 Robert H. Durr Award for the best paper applying quantitative methods to a substantive problem.

Luo, E.M., S. Newman, M. Amat, M.L. Charpignon, E.R. Duralde, S. Jain, **A.R. Kaufman**, I. Korolev, Y. Lai, B.D. Lam, M. Lipcsey, A. Martinez, O.J. Mechanic, J. Mlabasati, L.G. McCoy, F.T. Nguyen, M. Samuel, E. Yang, and L.A. Celi. MIT COVID-19 Datathon: data without boundaries. *British Medical Journal: Innovations* (2021). doi: 10.1136/bmjinnov-2020-000492

Kaufman, A.R. and E. Hersh. The Political Consequences of Opioid Overdoses. *PLoS ONE* 15(8): e0236815 (2020). <https://doi.org/10.1371/journal.pone.0236815>

Mozer, R., L. Miratrix, **A.R. Kaufman**, and L.J. Anastasopoulos. Matching with Text Data: An Experimental Evaluation of Methods for Matching Documents and of Measuring Match Quality. *Political Analysis*, 28(4), 445-468 (2020). doi:10.1017/pan.2020.1. Winner of the Society for Political Methodology's 2021 Warren Miller Prize for the best paper appearing in *Political Analysis*.

Kaufman, A.R.. Implementing Novel, Flexible, and Powerful Survey Designs in R Shiny. *PLoS ONE* 15(4): e0232424 (2020). <https://doi.org/10.1371/journal.pone.0232424>

Kaufman, A.R. Measuring The Content of Presidential Policymaking: Applying Text Analysis to Executive Branch Directives. *Presidential Studies Quarterly* 50: 90-106 (2020). doi:10.1111/psq.1262

Enos, R., **A.R. Kaufman**, and M. Sands. Can Violent Protest Change Local Policy Support? Evidence from the Aftermath of the 1992 Los Angeles Riot. *American Political Science Review*. 113.4 (2019). doi:10.1017/S0003055419000340

Kaufman, A.R., P. Kraft, and M. Sen. Improving Supreme Court Forecasting Using Boosted Decision Trees. *Political Analysis*. 27.3 (2019). doi:10.1017/pan.2018.59

Cosgriff, C., L. Celi, S. Ko, T. Sundaresan, A. Johnson, T. Pollard, M. Armengol, **A.R. Kaufman**, D. Stone, O. Badawi, and R. Deliberato. Developing Well Calibrated Illness Severity Scores for Decision Support in the Critically Ill. *Nature Digital Medicine* 2.1 (2019). doi:10.1038/s41746-019-0153-6

Bonvini, M., **A.R. Kaufman**, D. Ramazzotti, L.A. Celi, and R. Stretch. Comparison of Imputation Methods to Predict Baseline Serum Creatinine. *Critical Care Medicine* 44.12 (2016). doi: 10.1097/01.ccm.0000509965.53628.fb

Yuan, L.H., L. Bornn, A. Franks, **A.R. Kaufman**, A. Liu, P. Bull, A. Reece, S. Wang, A. Yeh, and D. Ilushin. A Mixture-of-Modelers Approach to Forecasting NCAA Tournament Outcomes. *Journal of Quantitative Analysis in Sports* 11.1 (2015).

WORKING PAPERS **Kaufman, A.R.** and J. Rogowski. Divided Government, Strategic Substitution, and Presidential Unilateralism. *Revise & Resubmit* at the *American Journal of Political Science*.

Kaufman, A.R. and J. Rogowski. Presidential Policymaking, 1877–2020. *Revise & Resubmit* at *Political Science Research & Methods*. Winner of the APSA Presidency and Executive Politics Section's 2018 Founders' Best Paper Award.

Artes, J., **A.R. Kaufman**, B.K. Richter, and J. Timmons. Are Firms Gerrymandered? *Under Review*. Draft available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4174486.

Ibrahim, H. et al [including **A.R. Kaufman**]. Perception, performance, and detectability of conversational artificial intelligence across 32 university courses. *Under Review*.

Kaufman, A.R., C. Celaya, and J. Grumbach. Improving Compliance in Experimental Studies of Discrimination. Draft available at https://www.dropbox.com/s/d6cqwag4ioe9ou/audit_noncompliance.pdf?dl=0.

Clayton, K., Y. Horiuchi, **A.R. Kaufman**, G. King, and M. Komisarchik. Correcting Measurement Error Bias in Conjoint Analysis. Draft available at <https://gking.harvard.edu/files/gking/files/conerr.pdf>.

Tumminia, J., A. Kuznecov, S. Tsilerides, I. Tsilerides, B. McFee, M. Picheny, and **A.R. Kaufman**. Diarization of Legal Proceedings: Identifying and Transcribing Judicial Speech from Recorded Court Audio. Draft available at <https://arxiv.org/pdf/2104.01304.pdf>.

Charpignon, M., J. Park, J. Situ, D.K. Ebner, L. McCoy, J. Saliccioli, L.A. Celi, and **A.R. Kaufman**. Gender Equity and Text Readability of COVID-19 Scientific Publishing: A Quantitative Analysis of 90,000 Preprint Manuscripts. Draft available at <https://www.medrxiv.org/content/10.1101/2021.06.14.21258917v1>

Kaufman, A.R.. An Automated Method to Estimate Survey Question Bias. Draft available at https://www.dropbox.com/s/o5ecpojdm4syyke/kaufman_jmp_11_20_18.pdf?dl=0

PAPERS IN
PREPARATION

J. Grumbach, **A.R. Kaufman**, and C. Celaya. Intersectional or Inseparable? Disentangling Multiple Identities in Studies of Discrimination.

Celaya, C., J. Grumbach, and **A.R. Kaufman**. Information Equivalence and Generalizeability in Experimental Studies of Discrimination.

Mozer, R., **A.R. Kaufman**, L. Celi, and L. Miratrix. Improving Causal Inference in Healthcare Data with Clinical Text. *Presented at Asian Polmeth, January 2023.*

Tumminia, J., B. McFee, M. Picheny, and **A.R. Kaufman**. How Video Cameras in Courtrooms Reshape Judicial Proceedings.

INVITED TALKS

National University of Singapore School of Public Health, January 2023

Hebrew University Jerusalem, March 2022

NYU Center for Data Science Seminar, January 2020

Demokritos Athens IIT Seminar, November 2019

NYU Abu Dhabi Computer Science Seminar, October 2019

Tokyo Big Data & Machine Learning in Healthcare Workshop, March 2019

London School of Economics Methodology Data Science Seminar, February 2019

Smith College, October 2018

Harvard University Applied Statistics Workshop, September 2018

Technical University of Madrid, Madrid Critical Care Datathon, December 2017

University of Massachusetts, Amherst Computational Social Science Institute Seminar, April 2017

University of Southern California NetDem Seminar, March 2017

PROFESSIONAL
SERVICE

Co-organizer, 2024 Asian Political Methodology Conference XI & Inaugural MENA Political Methodology Conference. *January 11-12, 2024.*

Editorial Board, *Journal of Quantitative Description*.

Poster Committee, 2021 Society for Political Methodology Summer Meeting.

Reviewer: *American Political Science Review, American Journal of Political Science, Journal of Politics, Political Analysis, Political Science Research and Methods, Political Behavior, Journal of*

Quantitative Description, Congress and the Presidency, PLOS ONE, Israeli Science Foundation.

UNIVERSITY
SERVICE

Institutional Review Board. January 2022 to present.
High Performance Computing Center Steering Committee. December 2020 to September 2022.
Political Science Speaker Series Co-Convener. September 2020 to present.

HONORS AND
AWARDS

19 Washington Square North Faculty Fellowship, 2023-2024. *\$25,000, with Joshua Tucker.*
NYU Abu Dhabi Research Enhancement Fund, 2022. *\$39,400.*
Political Analysis Reviewer of the Month, February 2022.
Society for Political Methodology Warren Miller Prize, June 2021. *With Reagan Mozer, Luke Miratrix, and L. Jason Anastasopoulos.*
Political Networks Conference Best Poster Award, May 2019. *With Sahar Abi-Hasan, Janet Box-Steffensmeier, Dino Christenson, and Brian Libgaber.*
MPSA Robert H. Durr Award, 2018. *With Gary King and Mayya Komisarchik.* Awarded for the best paper applying quantitative methods to a substantive problem.
APSA Presidency and Executive Politics Section's Founders' Best Paper Award, 2018. *With Jon Rogowski.*
Foundations of Human Behavior Research Grant, 2017
Institute for Quantitative Social Science Research Grants 2014, 2015, 2016, 2017, 2018.
Center for American Political Studies Seed Grant, 2014.
William Yandell Elliott Graduate Fellowship, Harvard University, 2013.
Institute for Governmental Studies & Charles H. Percy Undergraduate Grant for Public Affairs Research, 2013.
Title: Looking Up Your Representative's Vote: C For Effort?
UC Berkeley Center for the Study of Value Personal Integrity Prize 2012
Title: Irrational Actors, False-Positive Psychology, and the Limits of Causal Inference: If you torture the numbers enough, they'll talk.

TEACHING

As professor, New York University Abu Dhabi
Data Analysis, Fall 2019, Fall 2020, Fall 2021, and Fall 2022.
Business and Technology, Spring 2021.
Statistics and Data Analytics for Business, Spring 2022.
Foundations of Data Science, Fall 2022. *Executive Education.*
Data Science, Fall 2022 and Spring 2023. *Executive Education.*

As teaching fellow, Harvard University
Applied Statistics Workshop, Fall 2015 and Spring 2016.
Research Practice in Quantitative Methods, Spring 2016.
Statistical Computing and Simulation-Based Analysis, Spring 2016 and Spring 2017.
American Politics: A New Perspective, Fall 2015, Fall 2016, Summer 2017, Fall 2017, Spring 2018, Fall 2018.
The Road to the White House, Fall 2016.
Statistical Inference, Spring 2018.

ADVISEES

Denglin (Florence) Jiang, MS in Data Science, NYU CDS 2021. Currently: NLP Research Scientist, DiDi AI Lab.

Jeffrey Tumminia, MS in Data Science, NYU CDS 2021. Currently: Data Scientist, University Radiology.

Yosef Tadesse, BA in Political Science, NYUAD 2021. Currently: PhD Student in Political Science, UC Berkeley.

Alia El Kattan, BS in Computer Science, NYUAD 2020. Currently: PhD student in Politics, NYU.

Aja Klevs, MS in Data Science, NYU CDS 2020. Currently: Data Scientist, FINRA.