DANIEL E. HO

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ACADEMIC POSITIONS:

Stanford University, Stanford, CA

William Benjamin Scott and Luna M. Scott Professor of Law, Stanford Law School (2015--)

Professor of Political Science (by courtesy) (2017-)

Senior Fellow, Stanford Institute for Economic Policy Research (2016--)

Faculty Director, Regulation, Evaluation, and Governance Lab (RegLab) (2018--)

Faculty Affiliate, Stanford Institute for Human-Centered Artificial Intelligence (2019--)

Prior positions: Professor of Law (2010-15)

> Associate Professor of Law (2009-10) Assistant Professor of Law (2006-09)

Robert E. Paradise Faculty Fellow for Excellence in Teaching and Research (2007-15)

Teaching: Administrative Law | Statistical Inference in Law | Legal Studies Workshop | Food Law and

Policy | Administrative and Regulatory State | Law, Bias, and Algorithms | Policy

Practicum: Diversity and Inclusion in Legal Education | Policy Practicum: Administering by Algorithm – Artificial Intelligence in the Administrative State | Policy Practicum:

Creating a Social Media Oversight Board for Content Decisions John Bingham Hurlbut Award for Excellence in Teaching (2010)

Internal service: Appointments Committee (Chair 2014-15 (laterals), Chair 2013-14, Member 2010-11)

Deanship Search Committee (2012, 2018-19)

Working Group on Diversity and Inclusion (2018)

Clerkship Committee (2006-10)

Design Team, Social Problem-Solving (Social X-Change) Initiative (2018-19)

External service: Co-Editor, Journal of Law, Economics, and Organization (2013-16)

President (2011-2012), Board of Directors (2009--), Treasurer (2016--), Society for

Empirical Legal Studies

Associate Editor, Journal of Empirical Legal Studies (2012--)

Member, Scientific Advisory Board, Max Planck Institute for Research on Collective

Goods (2018-24)

Yale Law School, New Haven, CT

Maurice R. Greenberg Visiting Professor of Law (Spring 2012)

New York University School of Law, New York, NY

Visiting Professor of Law (Fall 2011)

University of Chicago, Becker Friedman Institute for Research in Economics, Chicago, IL Visiting Scholar (Spring 2016)

Center for Advanced Study in the Behavioral Sciences, Stanford, CA

Faculty Fellow (2017-20)

University of Notre Dame, Wilson Sheehan Lab for Economic Opportunities, Notre Dame, IN Faculty Affiliate (2019--)

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EDUCATION:

Yale Law School, New Haven, CT

J.D., 2005

Honors: Benjamin Scharps Prize for best paper by third-year student

John M. Olin Fellow in Law, Economics, and Public Policy

Activities: Yale Law Journal, Editor

Yale Journal of International Law, Editor Asia Law Forum, Executive Board

Harvard University, Cambridge, MA

Ph.D. in Government, 2004 A.M. in Government, 2004

Honors: Raymond Vernon Prize Fellow in Government

Justice, Welfare, and Economics Dissertation Fellowship Center for American Political Studies Research Seed Grant

Dissertation: Causal Inference in Political Science and Law
Committee: Gary King (Chair), Jim Alt, Ian Ayres, Kevin Quinn

University of California - Berkeley, Berkeley, CA

B.A., Highest Honors, Political Science, 2000

Honors: Phi Beta Kappa

Political Science Departmental Citation & Valedictorian

Owen D. Young Prize in International Relations

Bennett Essay Prize in Political Science Edward Frank Kraft Scholarship Prize

Best Paper Prize, Politica

Best Paper Prize, Rice University Political Science Undergraduate Research Conference

CLERKSHIP:

Judge Stephen F. Williams, United States Court of Appeals, District of Columbia Circuit (2005-06)

OTHER AWARDS:

Honorable Mention, The Web Conference for Best Poster (2019) (with Kristen Altenburger).

Stanford Institute for Human-Centered Artificial Intelligence seed grant for \$75,000 (with David Freeman Engstrom and Mariano-Florentino Cuéllar, 2019)

Grace Communications Foundation grant for \$50,000 for work on Clean Water Act (2018).

National Science Foundation award for \$213,000 for research on media and the courts, co-sponsored by Program on Law and Social Science and Program on Methodology, Measurement, and Statistics (with Kevin Quinn, 2008-10)

Warren Miller Prize for the best paper published in *Political Analysis*, Society of Political Methodology and Oxford University Press (with Kosuke Imai, Gary King & Elizabeth A. Stuart, 2007-08)

McGraw-Hill Award for the best paper published by political scientists on law and courts (with Lee Epstein, Gary King & Jeff Segal, 2006)

Pi Sigma Alpha Award for best paper delivered at Midwest Political Science Association meeting (with Lee Epstein, Gary King & Jeff Segal, 2004)

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- **Robert H. Durr Award** for best paper applying quantitative methods to substantive problem at Midwest Political Science Association meeting (with Lee Epstein, Gary King & Jeff Segal, 2004)
- **Honorable Mention, American Judicature Society Award** for the best paper on law and courts presented at national and regional political science conference (with Lee Epstein, Gary King & Jeff Segal, 2005)
- **Honorable Mention, Law and Society Article Award** for exceptional scholarship in sociolegal studies for article published in previous two years (with Lee Epstein, Gary King & Jeff Segal, 2006)
- Vice Provost for Undergraduate Education Faculty Grant for Undergraduate Research, Stanford University (2008)
- **Fast Breaking Paper** for largest percentage increase in citations among top 1% of all articles in social science in last two years, Essential Science Indicators, Thomson Reuters (with Kosuke Imai, Gary King & Elizabeth A. Stuart, 2008)

ACADEMIC PUBLICATIONS:

Due Process and Mass Adjudication: Crisis and Reform, 72 STAN. L. REV. (forthcoming, 2019) (with Cassandra Handan-Nader, David Ames, and David Marcus).

Quality Review of Mass Adjudication: A Randomized Natural Experiment at the Board of Veterans Appeals, 2003-16, 35 J.L. ECON. & ORG. (forthcoming, 2019) (with Cassandra Handan-Nader, David Ames, and David Marcus).

Deep Learning to Map Concentrated Animal Feeding Operations, 2 NATURE SUSTAINABILITY 298 (2019) (with Cassandra Handan-Nader).

Is Yelp Actually Cleaning Up the Restaurant Industry? A Re-Analysis on the Relative Usefulness of Consumer Reviews, PROC. WEB CONF. (forthcoming, 2019) (with Kristen M. Altenburger).

Making Street-Level Bureaucracy Work: Safer Food in Seattle and King County, in EVIDENCE WORKS: CASES WHERE EVIDENCE MEANINGFULLY INFORMED POLICY (Nick Hart ed., forthcoming, 2019) (with Becky Elias).

New Evidence on Information Disclosure through Restaurant Hygiene Grading, AM. ECON. J.: ECON. POL'Y (2019, forthcoming) (with Zoe C. Ashwood and Cassandra Handan-Nader).

When Algorithms Import Private Biases into Public Enforcement: The Promise and Limitations of Statistical De-Biasing Solutions, 175 J. INST'L THEOR'L ECON. 98 (2019) (with Kristen M. Altenburger).

Do Checklists Make a Difference? A Natural Experiment from Food Safety Enforcement, 15 J. EMPIRICAL LEGAL STUD. 1 (2018) (with Sam Sherman and Phil Wyman).

Judging Statistical Criticism, 4 OBSERVATIONAL STUD. 42 (2018).

Does Peer Review Work? An Experiment of Experimentalism, 69 STAN. L. REV. 1 (2017).

Managing Street-Level Arbitrariness: The Evidence Base for Public Sector Quality Improvement, 13 ANN. REV. L. SOC. SCI. 251 (with Sam Sherman) (John Hagan ed., 2017).

Equity in the Bureaucracy, 7 IRVINE L. REV. 401 (2017).

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New Measurement Technologies: A Review and Application to Nuremberg and Justice Jackson, in OXFORD HANDBOOK OF LAW AND THE JUDICIARY 508 (Lee Epstein & Stefanie A. Lindquist eds., 2017) (with Michael Morse).

Testing the Marketplace of Ideas, 90 N.Y.U. L. REV. 1160 (2015) (with Fred Schauer).

Randomizing . . . What? A Field Experiment of Child Access Voting Laws, 171 J. INST'L THEOR'L ECON. 150 (2015).

Does Class Size Affect the Gender Gap? A Natural Experiment in Law, 43 J. LEGAL STUD. 291 (2014) (with Mark G. Kelman).

Foreword: Conference Bias, 10 J. EMPIRICAL LEGAL STUD. 603 (2013).

Introduction: The Empirical Revolution in Law, 65 STAN. L. REV. 1195 (2013) (with Larry Kramer).

Do Police Reduce Crime? A Reexamination of a Natural Experiment, in EMPIRICAL LEGAL ANALYSIS: ASSESSING PERFORMANCE OF LEGAL INSTITUTIONS (Yun-chien Chang ed. 2013) (with John J. Donohue III and Patrick Leahy).

Fudging the Nudge: Information Disclosure and Restaurant Grading, 122 YALE L.J. 574 (2012).

Credible Causal Inference for Empirical Legal Studies, in 7 ANN. REV. L. SOC. SCI. 17 (John Hagan ed., 2011) (with Donald B. Rubin).

MatchIt: Nonparametric Preprocessing for Parametric Causal Inference, 42 J. STAT'L SOFTWARE 1 (2011) (with Kosuke Imai, Gary King, and Elizabeth A. Stuart).

Did a Switch in Time Save Nine? 2 J. LEGAL ANALYSIS 69 (2010) (with Kevin M. Quinn).

Did Liberal Justices Invent the Standing Doctrine? An Empirical Study of the Evolution of Standing, 1921-2006, 62 STAN. L. REV. 591 (2010) (with Erica L. Ross).

How Not to Lie with Judicial Votes: Misconceptions, Measurement, and Models, 98 CAL. L. REV. 813 (2010) (with Kevin M. Quinn).

Reconciling Punitive Damages Evidence: Comment, 166 J. INST'L THEOR'L ECON. 27 (2010).

Measuring Agency Preferences: Experts, Voting, and the Power of Chairs, 59 DEPAUL L. REV. 333 ("Rising Stars" Clifford Symposium, 2010).

Viewpoint Diversity and Media Consolidation: An Empirical Study, 61 STAN. L. REV. 781 (2009) (with Kevin M. Quinn), reprinted in FIRST AMENDMENT HANDBOOK (Rodney A. Smolla ed., forthcoming, 2010).

The Role of Theory and Evidence in Media Regulation and Law: Response to Baker and a Defense of Empirical Legal Studies, 61 FED. COMM. L.J. 673 (2009) (with Kevin M. Quinn).

Evaluating Course Evaluations: An Empirical Analysis of a Quasi-Experiment at the Stanford Law School, 2000-2007, 58 J. LEGAL EDUC. 388 (2009) (with Timothy H. Shapiro).

Measuring Explicit Political Positions of Media, 4 Q.J. Pol. Sci. 353 (2008) (with Kevin M. Quinn).

Estimating Causal Effects of Ballot Order from a Randomized Natural Experiment: The California Alphabet Lottery, 1978-2002, 72 Pub. Opinion Q. 216 (2008) (with Kosuke Imai).

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Improving the Presentation and Interpretation of Online Ratings Data with Model-based Figures, 62 AM. STAT. 279 (2008) (with Kevin M. Quinn).

Matching as Nonparametric Preprocessing for Reducing Model Dependence in Parametric Causal Inference, 15 Pol. Analysis 199 (2007) (with Kosuke Imai, Gary King, and Elizabeth A. Stuart), reprinted in QUANTITATIVE RESEARCH IN POLITICAL SCIENCE (Robert J. Franzese ed., 2015).

The Impact of Damage Caps on Malpractice Claims: Randomization Inference with Difference-in-Differences, 4 J. EMPIRICAL LEGAL. STUD. 69 (2007) (with John J. Donohue III).

Randomization Inference with Natural Experiments: An Analysis of Ballot Effects in the 2003 California Recall Election, 101 J. Am. Stat. Ass'n 888 (2006) (with Kosuke Imai).

The Effect of War on the Supreme Court, in PRINCIPLES AND PRACTICE OF AMERICAN POLITICS (Samuel Kernell and Steven S. Smith eds., 3d ed. 2006) (with Lee Epstein, Gary King, and Jeffrey A. Segal).

Why Affirmative Action Does Not Cause Black Students to Fail the Bar, 114 YALE L.J. 1997 (2005).

Affirmative Action's Affirmative Actions: A Reply to Sander, 114 YALE L.J. 2011 (2005).

The Supreme Court During Crisis, 80 N.Y.U.L. REV. 1 (2005) (with Lee Epstein, Gary King, and Jeffrey A. Segal).

Compliance with International Soft Law: Why Do Countries Implement the Basle Accord?, 5 J. INT'L ECON. L. 647 (2002).

OTHER PUBLICATIONS:

Behind the Paper: Deep Learning to Map Concentrated Animal Feeding Operations, NATURE SUSTAINABILITY BLOG (2019) (with Cassandra Handan-Nader).

Op-Ed, When the VA Misrepresents Performance, Veterans Suffer, THE HILL (2019) (with David Marcus).

Op-Ed, Can Silicon Valley Save Food Safety? Not So Fast, FOOD SAFETY N. (2019) (with Kristen M. Altenburger).

Does Harvard Discriminate against Asian Americans in College Admissions?, BOSTON REV. (2019) (with Andrew Gelman and Sharad Goel).

Do Checklists Make a Difference?, CATO Research Brief in Economic Policy (2018) (with Sam Sherman and Phil Wyman).

Op-Ed, Buyer Beware: With Disclosure, You Get What You Pay For, DAILY J., Feb. 22, 2017.

Op-Ed, Why Grading Restaurants on a Curve is Good for Consumers, SEATTLE TIMES, Jan. 25, 2017.

Government Under Review: Could Peer Review for Public Servants Make the Law More Consistent?, BOSTON REV., June 17, 2016 (with Becky Elias).

Op-Ed, Improve Restaurant Report Cards, N.Y. TIMES, Mar. 7, 2012.

Designing Information Disclosure, 38 ADMIN. L. & REG'Y L. N. 13 (2012).

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Does Media Consolidation Stifle Viewpoints? How the Supreme Court Can Provide an Answer, STAN. LAWYER (2008) (with Kevin M. Quinn).

Book Note, *Establishing the Supremacy of European Law: The Making of an International Rule of Law in Europe*, 27 YALE J. INT'L L. 466 (2002).

Book Note, International Monetary Law: Issues for the New Millennium, 27 YALE J. INT'L L. 223 (2001).

Book Note, The Tiananmen Papers, 26 YALE J. INT'L L. 541 (2001).

The European Court of Justice: Expanding the Time Horizon of the Legal Integration Debate, 6 POLITICA: J. POL. SCI. 14 (2000).

The Market Transition of East Germany: Model or Mezzogiorno?, 24 HEMISPHERES 52 (2000).

History, Normality, and the New Right in Germany: Can the Past be Forgotten?, 24 BERKELEY UNDERGRADUATE J. 113 (1999).

AMICUS BRIEF:

Fisher v. University of Texas, et. al, No. 11-345 (with Don Rubin, Guido Imbens, Gary King, Dick Berk, Ian Ayres, Jim Greiner, Kevin Quinn, Rick Brooks, Paul Oyer, and Rick Lempert).

MANUSCRIPTS:

Improving the Reliability of Food Safety Disclosure: A Quantile Adjusted Restaurant Grading System for Seattle-King County (with Zoe Ashwood and Becky Elias)

Big Data, Small Tax Gap? Detecting Cash-Only Tax Evasion in Manhattan Restaurants

Policy Voting: What Amici Tell Us About Law (with Alexandra Dunworth and Joshua Fischman)

Congressional Agency Control: The Impact of Statutory Partisan Requirements on Regulation.

Evaluating Empirical Claims of Partisan Bias of the Department of Justice.

Sparse Data Item Response Theory Modeling with an Application to the Estimation of Interest Group Positions (with Kevin M. Quinn).

Racial Perceptions, Stereotype Threat, and the Black-White Test Score Gap: A Bayesian Principal Stratification Approach.

Majoritarian Electoral Systems and Consumer Power: A Matching Rejoinder.

SELECTED PRESENTATIONS:

Law and Society Association (2002, 2005); American Law and Economics Association (2005, 2007); Canadian Law and Economics Association (2002); American Political Science Association (2004, 2005, 2007); Midwest Political Science Association (2004, 2005, 2007, 2009); Society of Political Methodology (2003, 2004); Harvard Political Economy Workshop (2002, 2003); Harvard Econometrics Workshop (2003, 2004); Harvard Applied Statistics Workshop (2003); Harvard Political Psychology and Behavior Workshop (2004); Olin Fellow Workshop, Yale Law School (2001, 2004); Georg Walter Leitner Seminar in Political Economy, Yale University (2005); Junior Empirical Legal Scholarship Conference, Cornell University (2006); RAND Institute for Civil Justice-Journal of Empirical Legal Studies Conference (2006); Stanford

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Social Lab (2006); Empirical Law and Economics Seminar, Florida State University (2007); Boalt Hall Administrative Law Junior Scholar Conference (2007); Northwestern Law School Law and Economics Seminar (2007); Columbia University Law and Economics Seminar (2007); University of Chicago Law and Economics Seminar (2008, 2016); Harvard Public Law and Political Economy Conference (2008); Federal Communications Commission (2008); Conference of Empirical Legal Studies (2007, 2008, 2009, 2010, 2011, 2013, 2014, 2016); Searle Law and Political Economy Colloquium, Northwestern Law School (2008); University of Pennsylvania Law and Economics Seminar (2008); Harvard Political Institutions and Economic Policy (2008); "Rising Stars" Clifford Symposium on Tort Law and Social Policy, DePaul University (2009); University of Virginia Law and Economics Colloquium (2009); Center for the Study of Law and Society, School of Law, University of California-Berkeley (2009); Conference on Positive Political Theory and the Law, W. Allen Wallis Institute of Political Economy, University of Rochester (2009); Conference on Public Law and Political Economy, University of Chicago (2009); International Seminar on the New Institutional Economics, Max Planck Institute (2009, 2014); Faculty Workshop, Loyola Law School, Los Angeles (2009); Law, Economics, and Organization Workshop, Yale Law School (2009); Faculty Workshop, University of Connecticut Law School (2009): Law, Economics, and Organizations Seminar, UCLA Law School (2009); Center for Empirical Research in the Law, Washington University in St. Louis (2009); Joint Legal Theory and Public Law Workshop, Columbia Law School (2010); Center for Advanced Study in the Behavioral Sciences Workshop (2010, 2019); Roundtable on Guidelines for Observational Studies, Fordham University School of Law (2010); Judicial Behavior Workshop, Northwestern & University of Chicago Law Schools (2010); Panels on the Past, Present and Future of Interdisciplinary Legal Education & Empirical Legal Scholarship, AALS Annual Meeting (2011); Faculty Workshop and Public Law Workshop, University of Minnesota Law School (2011); Faculty Workshop, Pepperdine University – School of Law (2011); Workshop, Loyola University Chicago (2011); Seminar, Public Law Center, National Taiwan University School of Law (2011); International Conference on Empirical Studies of Judicial Systems, Academia Sinica, Taiwan (2011); Faculty Workshop, Cardozo School of Law (2011); Faculty Workshop, New York University School of Law (2011); Faculty Workshop, Yale Law School (2012); Faculty Workshop, Cornell Law School (2012); Administrative Law Roundtable, Columbia Law School (2012); Workshop and Lecture Series in Law and Economics, ETH Zurich, University of Zurich, University of St. Gallen & University of Lucerne (2012); Law and Economics Seminar, Harvard Law School (2012); Center for Law and Social Science, University of Southern California (2013); Conference on Global Food Law, University of Washington (2013); University of Colorado Law School, Faculty Colloquium (2014); Center for the Study of Politics, Law, and Economics, Emory University (2014); Faculty Workshop, Duke Law School (2014); Testing the Constitution Conference, University of Chicago Law School (2014); Center for Law, Business and Economics Colloquium, University of Texas School of Law (2014); Works-in-Progress Faculty Workshop, George Washington University Law School (2014); Faculty Workshop, University of Kansas School of Law (2015); UC Davis School of Law (2015); Law and Economics Workshop, University of Michigan Law School (2015); University of Tulsa College of Law Faculty Colloquy (2015); University of California, Irvine Symposium on Food Equity (2016); National Environmental Health Association Annual Conference (2016); University of Arizona College of Law (2016); RAND Statistics Group Seminar (June 2016); Faculty Workshop, Harvard Law School (2017); Faculty Workshop, UC Irvine School of Law (2018); Faculty Workshop, Northwestern Pritzker School of Law (2018); Center for the Study of the Administrative State, Antonin Scalia Law School (2018, 2019); Munro Distinguished Lecture, Stanford University (2018); Lightning Talk, Launch of Stanford Institute for Human-Centered Artificial Intelligence (2019); Stanford Colloquium on Machine Learning and Causal Inference (2019); The Web Conference (2019); Rigorous Policy Pilots Workshop, Partnership for Public Service (2019): Administrative Conference of the United States (2019).

SOFTWARE:

MATCHIT: Nonparametric Preprocessing for Parametric Causal Inference (2004) (with Kosuke Imai, Gary King, and Elizabeth A. Stuart).

Ratings: Statistical and graphical tools for ordinal ratings data (2008) (with Kevin M. Quinn).

QuantileGradeR: Quantile-Adjusted Restaurant Grading (2017) (with Zoe C. Ashwood). Daniel E. Ho

OTHER TEACHING:

Ninth Circuit / Federal Judicial Center Mid-Winter Workshop, Tucson, AZ

January 2015

SPEAKER. Taught introductory statistics session to over 100 district and appellate judges in the Ninth Circuit.

Northwestern University Law School, Chicago, IL

August 2011

INSTRUCTOR. Co-taught course on research design for causal inference (hosted by Bernie Black and Mathew McCubbins, with Alberto Abadie, Joshua Angrist, Ted Eisenberg, and Guido Imbens).

Harvard Law School, Cambridge, MA

Summer 2002

INSTRUCTOR. Designed and taught course in applied econometrics to group of faculty.

Harvard University, Cambridge, MA

Fall 2003

TEACHING FELLOW. Assisted teaching graduate course in quantitative methods on robust estimation.

OTHER EXPERIENCE:

Paul, Weiss, Rifkind, Wharton & Garrison, Hong Kong, China / New York, NY Summers 2001-02 SUMMER ASSOCIATE. Conducted litigation research, and drafted M&A documents and client memoranda.

Yale Center for Studies in Law, Economics, and Public Policy, New Haven, CT OLIN SUMMER FELLOW. Conducted research on election law and voting reform.

PROFESSIONAL ACTIVITIES AND MEMBERSHIPS:

Social Science One, North American Advisory Committee (2018--)

Committee on Research (2012--), AALS; Executive Committee (2010--), Chair (2013-2014), AALS Law and Social Science Section

Reviewer, Quarterly Journal of Economics, American Political Science Review, Science, Journal of Law, Economics, and Organization, Journal of Law and Economics, Journal of Legal Studies, American Law and Economics Review, Review of Economics and Statistics, RAND Journal of Economics, Journal of Empirical Legal Studies, Review of Law and Economics, Journal of Economic Literature, American Journal of Political Science, Quarterly Journal of Political Science, Journal of Politics, Political Analysis, Journal of the Royal Statistical Society, Jurimetrics, Public Opinion Quarterly, Law & Society Review, Law & Social Inquiry, Sociological Methods and Research, American Journal of Public Health, Journal of Policy Analysis and Management, National Tax Journal, International Organization, Oxford Economic Papers, International Studies Quarterly, Encyclopedia of Social Measurement, Political Science Research and Methods, Review of International Studies, Political Research Quarterly, Political Studies, Oxford University Press (Law Section), Aspen Publishers: Law and Business, International Journal of Constitutional Law, Nuffield Foundation, NSF Time-sharing Experiments for the Social Sciences, Harvard-Stanford International Junior Faculty Forum; Israel National Science Foundation I-CORE program, Conference on Fairness, Accountability, and Transparency.

Organizer, Stanford Law School Junior Scholars in Public Law and Political Economy Conference (2010)

Member, American Political Science Association, American Statistical Association, Midwest Political Science Association, American Law and Economics Association, Society for Empirical Legal Studies

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