

PAA

Volume 30 • Number 2 • April 2022

POLITICAL ANALYSIS



THE SOCIETY FOR
POLITICAL METHODOLOGY
ad indicia spectate



CAMBRIDGE
UNIVERSITY PRESS

POLITICAL ANALYSIS

Editor-in-Chief:

Jeff Gill, *American University, USA*

Immediate Past Editors:

R. Michael Alvarez, *California Institute of Technology, USA*

Jonathan N. Katz, *California Institute of Technology, USA*

Associate Editors:

Lonna Atkeson, *Florida State University, USA*

D. Sunshine Hillygus, *Duke University, USA*

Dan Hopkins, *University of Pennsylvania, USA*

Xun Pang, *Tsinghua University, China*

Betsy Sinclair, *Washington University, USA*

Advisory Board:

Nathaniel Beck, *New York University, USA*

Andrew Gelman, *Columbia University, USA*

Vera Troeger, *University of Hamburg, Germany*

Editorial Board

Marisa Abrajano, *University of California, San Diego, USA*

Antoine Banks, *University of Maryland, USA*

Pablo Barberá, *Facebook, USA*

Tiffany Barnes, *University of Kentucky, USA*

Frederick Boehmke, *University of Iowa, USA*

John Brehm, *University of Chicago, USA*

Lisa Bryant, *California State University, Fresno, USA*

Kate Cowles, *University of Iowa, USA*

Andrew Eggers, *University of Oxford, UK*

Robert Franzese, *University of Michigan, USA*

Kentaro Fukumoto, *Gakushuin University, Japan*

Elisabeth Gerber, *University of Michigan, Ann Arbor, USA*

Jay Goodliffe, *Brigham Young University, USA*

Michael Herron, *Dartmouth College, USA*

Simon Hix, *London School of Economics, UK*

Simon Hug, *Université de Genève, Switzerland*

Gary King, *Harvard University, USA*

Thomas Koenig, *University of Mannheim, Germany*

Jen Larson, *Vanderbilt University, USA*

Jan Leighley, *American University, USA*

Jeffrey Lewis, *University of California, Los Angeles, USA*

Drew Linzer, *Civiqs, USA*

Cherie Maestas, *Purdue University, USA*

Greg Marfleet, *Carleton College, USA*

Sara Mitchell, *University of Iowa, USA*

Pablo Montagnes, *Emory University, USA*

Sophie Mutzel, *University of Lucerne, Switzerland*

Jonathan Nagler, *New York University, USA*

John Patty, *Emory University, USA*

Mark Pickup, *Simon Fraser University, Canada*

Thomas Plümpner, *Vienna University of Economics, Austria*

Kevin Quinn, *University of Michigan, USA*

Margaret Roberts, *University of California, San Diego, USA*

Arthur Spirling, *New York University, USA*

Andrew Therriault, *Independent Consultant*

Jennifer Victor, *George Mason University, USA*

Guy Whitten, *Texas A&M University, USA*

Tepei Yamamoto, *Massachusetts Institute of Technology, USA*

POLITICAL ANALYSIS

www.cambridge.org/pan

Volume 30

Number 2

April 2022

Contents

Articles

- Getting Time Right: Using Cox Models and Probabilities to Interpret Binary Panel Data **151**
Shawna K. Metzger and Benjamin T. Jones
- A Permutation-Based Change-point Technique for Monitoring Effect Sizes **167**
Daniel Kent, James D. Wilson and Skyler J. Cranmer
- The MIDAS Touch: Accurate and Scalable Missing-Data Imputation with Deep Learning **179**
Ranjit Lall and Thomas Robinson
- How Much Does the Cardinal Treatment of Ordinal Variables Matter? An Empirical Investigation **197**
Jeffrey R. Bloem
- Diplomatic Relations in a Virtual World **214**
Aaron Bramson, Kevin Hoefman, Koen Schoors and Jan Ryckebusch
- Estimating and Using Individual Marginal Component Effects from Conjoint Experiments **236**
Kirill Zhirkov
- What Makes Party Systems Different? A Principal Component Analysis of 17 Advanced Democracies 1970–2013 **250**
Zsuzsanna B. Magyar
- A Bayesian Alternative to Synthetic Control for Comparative Case Studies **269**
Xun Pang, Licheng Liu and Yiqing Xu
- ### Letters
- A Text-As-Data Approach for Using Open-Ended Responses as Manipulation Checks **289**
Jeffrey Ziegler
- Understanding Bayesianism: Fundamentals for Process Tracers **298**
Andrew Bennett, Andrew E. Charman and Tasha Fairfield
- Return to the Scene of the Crime: Revisiting Process Tracing, Bayesianism, and Murder **306**
Sherry Zaks