# 7198700013759 Published online by Cambridge University Press

# POLITICAL ANALYSIS

www.pan.oxfordjournals.org

VOLUME 22 NUMBER 2 Spring 2014

Kernel Regularized Least Squares: Reducing Misspecification Bias with a Flexible and Interpretable Machine Learning Approach

Jens Hainmueller and Chad Hazlett

A Selection Bias Approach to Sensitivity Analysis for Causal Effects

Matthew Blackwell

Analyzing the Robustness of Semi-Parametric Duration Models for the Study of Repeated Events

Janet M. Box-Steffensmeier, Suzanna Linn, and Corwin D. Smidt

A Common Left-Right Scale for Voters and Parties in Europe James Lo, Sven-Oliver Proksch, and Thomas Gschwend

Separating the Wheat from the Chaff: Applications of Automated Document Classification Using Support Vector Machines

Vito D'Orazio, Steven T. Landis, Glenn Palmer, and Philip Schrodt

Strategic Votes and Sincere Counterfactuals

Alaitz Artabe and Javier Gardeazabal

Dynamic Panel Analysis under Cross-Sectional Dependence Khusrav Gaibulloev, Todd Sandler, and Donggyu Sul

Of Nickell Bias and its Cures: Comment on Gaibulloev, Sandler, and Sul Nathaniel L. Beck, Jonathan N. Katz, and Umberto G. Mignozzetti

Of Nickell Bias, Cross-Sectional Dependence, and Their Cures: Reply Khusrav Gaibulloev, Todd Sandler, and Donggyu Sul



### **Political Analysis**

Editors-in-Chief:

Jonathan N. Katz (California Institute of Technology, USA)

R. Michael Alvarez (California Institute of Technology, USA)

**Associate Editors:** 

Janet Box-Steffensmeier (Ohio State University, USA)

Patrick Brandt (University of Texas, Dallas, USA)

Kosuke Imai (Princeton University, USA)

Simon Jackman (Stanford University, USA)

Jasjeet Sekhon (University of California, Berkeley, USA)

Betsy Sinclair (Washington University at St. Louis, USA)

Advisory Board:

Jeffrey Lewis (University of California,

Los Angeles, USA)

Neal Beck (New York University, USA)

Andrew Gelman (Columbia University, USA)

Vera Troeger (University of Warwick, UK)

### **Editorial Board**

Editoriai Board		
Fred Boehmke (University of Iowa, USA)	Suzanna Linn (Pennsylvania State University,	
Jake Bowers (University of Illinois at Urbana-Champaign, USA)	USA) John Londregan (Princeton University, USA)	
Henry Brady (University of California, Berkeley, USA)	Samantha Luks (YouGovPolimetrix, USA)	
John Brehm (University of Chicago, USA)	Cherie Maestas (Florida State University, USA)	
Elisabeth Gerber (University of Michigan, Ann Arbor, USA)	Andrew Martin (Washington University, St. Louis, USA)	
Jeff Gill (Washington University, St. Louis, USA)	Walter Mebane (University of Michigan, Ann Arbor, USA)	
Kristian Gleditsch (University of Essex, UK)	Adam Meirowitz (Princeton University, USA)	
Donald Green (Columbia University, USA)	Sara Mitchell (University of Iowa, USA)	
Justin Grimmer (Stanford University, USA)	Jonathan Nagler (New York University, USA)	
Jens Hainmueller (Stanford University, USA)	Thomas Palfrey (California Institute of Technology, USA)	
Michael Herron (Dartmouth College, USA)		
Simon Hix (London School of Economics, UK)	John Patty (Washington University, St. Louis,	
Simon Hug (Université de Genève,	USA)	
Switzerland)	Thomas Plümper (University of Essex, UK)	
William Jacoby (Michigan State University, USA)	Kevin Quinn (University of California, Berkeley, USA)	
Brad Jones (University of California, Davis, USA)	Philip Schrodt (Pennsylvania State University, USA)	
Orit Kedar (Hebrew University of Jerusalem)	Arthur Spirling (Harvard University, USA)	
Gary King (Harvard University, USA)	James Stimson (University of North Carolina, Chapel Hill, USA)	
Thomas Koenig (University of Mannheim, Germany)		
Jeffrey Lewis (University of California	Langche Zeng (University of California,	

San Diego, USA)

Political Analysis (ISSN 1047-1987) is published quarterly in January, April, July, and October as the official journal of the Society for Political Methodology and the Political Methodology Section of the American Political Science Association. The journal is published by Oxford University Press. Postmaster: send address changes to Political Analysis, Journals Customer Service Department, Oxford University Press, 2001 Evans Road, Cary. NC 27513, USA.

### Instructions for Authors

Authors interested in submitting to *Political Analysis* should consult the instructions to authors available on the *Political Analysis* Web site (www.pan.oxfordjournals.org).

### Subscriptions

A subscription to *Political Analysis* comprises 4 issues. Prices include postage; for subscribers outside the Americas, issues are sent air freight. Annual Subscription Rate (Volume 22, 4 issues, 2014)

Institutional

Print edition and site-wide online access: US\$529/£353/€529

Print edition only: US\$487/£324/€487

Site-wide online access only: US\$423/£282/€423

Personal

Print edition only: US\$101/£68/€101

Please note: UK£ rate applies to UK and Rest of World, except US and Canada (\$) and Europe (€).

There may be other subscription rates available; for a complete listing, please visit

http://www.oxfordjournals.org/our\_journals/polana/access\_purchase/price\_list.html.

Full pre-payment in the correct currency is required for all orders. Payment should be in US dollars for orders being delivered to the USA or Canada; Euros for orders being delivered within Europe (excluding the UK); GBP sterling for orders being delivered elsewhere (i.e., not being delivered to USA, Canada, or Europe). All orders should be accompanied by full payment and sent to your nearest Oxford Journals office. Subscriptions are accepted for complete volumes only. Orders are regarded as firm, and payments are not refundable. Our prices include Standard Air as postage outside of the UK. Claims must be notified within four months of despatch/order date (whichever is later). Orders from the UK will be subject to a VAT charge. For orders from elsewhere in the EU you or your institution should account for VAT by way of a reverse charge. Please provide us with your or your institution's VAT number. If registered, please supply details to avoid unnecessary charges. For subscriptions that include online versions, a proportion of the subscription price may be subject to UKVAT. Subscribers in Canada, please add GST to the prices quoted. Personal rate subscriptions are only available if payment is made by personal cheque or credit card, delivery is to a private address, and is for personal use only.

The current year and two previous years' issues are available online at www.periodicals.com/oxford.html or from Oxford University Press. Previous volumes from the Periodicals Service Company, 11 Main Street, Germantown, NY 12526, USA. E-mail: psc@periodicals.com. Tel: (518) 537-4700. Fax: (518) 537-5899.

Contact information: Journals Customer Service Department, Oxford University Press, Great Clarendon Street, Oxford OX2 6DP, UK. E-mail:jnls.cust.serv@oup.com. Tel: +44 (0)1865 353907. Fax: +44 (0)1865 353485. In the Americas, please contact: Journals Customer Service Department, Oxford University Press, 2001 Evans Road, Cary, NC 27513, USA. E-mail: jnlorders@oup.com. Tel: (800) 852-7323 (toll-free in USA/Canada) or (919) 677-0977. Fax: (919) 677-1714. In Japan, please contact: Journals Customer Service Department, Oxford University Press, 4-5-10-8F Shiba, Minato-ku, Tokyo, 108-8386, Japan. E-mail: custserv.jp@oup.com. Tel: (81) 3 5444 5858. Fax: (81) 3 3454 2020

Methods of payment: (i) Check (payable to Oxford University Press, to Oxford University Press, Cashiers Office, Great Clarendon Street, Oxford OX26DP, UK) in GB£ Sterling (drawn on a UK bank), US\$ Dollars (drawn on a US bank), or EU€ Euros. (ii) Bank transfer to Barclays Bank Plc, Oxford Group Office, Oxford (bank sort code 20-65-18) (UK) overseas only Swift code BARC GB 22 (GB£ Sterling to account no. 70299332, IBAN GB89BARC20651870299332; US\$ Dollars to account no. 66014600, IBAN GB27BARC2065186014600; EU€ Euros to account no. 78923655, IBAN GB16BARC20651878923655). (iii) Credit card (Mastercard, Visa, Switch or American Express).

### Oxford Journals Environmental and Ethical Policies

Oxford Journals, a division of Oxford University Press, is committed to working with the global community to bring the highest quality research to the widest possible audience. Oxford Journals will protect the environment by implementing environmentally friendly policies and practices wherever possible. Please see http://www.oxfordjournals.org/ethicalpolicies.html for further information on environmental and ethical policies.

### Digital object identifiers

For information on dois and to resolve them, please visit www.doi.org.

### Permissions

For information on how to request permissions to reproduce articles or information from this journal, please visit www.oxfordjournals.org/jnls/permissions.

### Indexing and abstracting

The journal is included in the Social Science Citation Index, Current Contents/Social & Behavioral Sciences, and Statistical Theory & Method Abstracts.

### Advertising

Inquiries about advertising should be sent to Advertising and Special Sales, Oxford Journals, Oxford University Press, Great Clarendon Street, Oxford, OX2 6DP, UK. Tel: +44 (0)1865 354767; Fax: +44 (0)1865 353774; E-mail: jnlsadvertising@oup.com.

### Disclaime

Statements of fact and opinion in the articles in *Political Analysis* are those of the respective authors and contributors and not of the Society for Political Methodology or Oxford University Press. Neither Oxford University Press nor the Society for Political Methodology make any representation, express or implied, in respect of the accuracy of the material in this journal and cannot accept any legal responsibility or liability for any errors or omissions that may be made. The reader should make her or his own evaluation as to the appropriateness or otherwise of any experimental technique described.

### ©2014 The Society for Political Methodology

All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior written permission of the publisher or a license permitting restricted copying issued in the UK by the Copyright Licensing Agency Ltd, 90 Tottenham Court Road, London W1P9HE, or in the USA by the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

POLANA02201M

# https://doi.org/10.1017/S1047198700013759 Published online by Cambridge University Press

# **Political Analysis**

www.pan.oxfordjournals.org

## Volume 22 Number 2 Spring 2014

### **Contents**

Kernel Regularized Least Squares: Reducing Misspecification Bias with a Flexible and Interpretable Machine Learning Approach  Jens Hainmueller and Chad Hazlett	143
A Selection Bias Approach to Sensitivity Analysis for Causal Effects  Matthew Blackwell	169
Analyzing the Robustness of Semi-Parametric Duration Models for the Study of Repeated Events  Janet M. Box-Steffensmeier, Suzanna Linn, and Corwin D. Smidt	183
A Common Left-Right Scale for Voters and Parties in Europe James Lo, Sven-Oliver Proksch, and Thomas Gschwend	205
Separating the Wheat from the Chaff: Applications of Automated Document Classification Using Support Vector Machines  Vito D'Orazio, Steven T. Landis, Glenn Palmer, and Philip Schrodt	224
Strategic Votes and Sincere Counterfactuals  Alaitz Artabe and Javier Gardeazabal	243
Dynamic Panel Analysis under Cross-Sectional Dependence Khusrav Gaibulloev, Todd Sandler, and Donggyu Sul	258
Of Nickell Bias and its Cures: Comment on Gaibulloev, Sandler, and Sul Nathaniel L. Beck, Jonathan N. Katz, and Umberto G. Mignozzetti	274
Of Nickell Bias, Cross-Sectional Dependence, and Their Cures: Reply Khusrav Gaibulloev, Todd Sandler, and Donggyu Sul	279