


DAVID CALDWELL

Recent PhD graduate and applied statistician seeking data science and analysis positions in the San Francisco Bay Area

EXPERIENCE

- 2023
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2017

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Doctoral Researcher
Centre for Institutions & Political Behaviour  Durham University


- Developing longitudinal and quasi-experimental research designs
 - Constructing and summarizing Bayesian multilevel models
 - Presenting complex data analyses and visualizations to technical and non-technical stakeholders
- 2023
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2019

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Research Assistant
Centre for Institutions & Political Behaviour  Durham University

- Writing software to efficiently clean and analyze decades of cross-national survey data
 - Developing innovative statistical measures of social outcomes
 - Consulting on data wrangling, analysis, and visualization
- 2021
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2018

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Teaching Associate
School of Government & International Affairs  Durham University

- Designing and teaching classes on probability and statistics, research design, and comparative politics
 - Using statistical software and data visualization tools to instruct clients at a variety of skill levels
 - Evaluating performance and delivering constructive feedback

EDUCATION

- 2023

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PhD, Political Science
Durham University
- 2020

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15 ECTS Credits, Advanced Machine Learning for Social Scientists
University of Essex
- 2019

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15 ECTS Credits, Advanced Methods for Social Media and Textual Data
University of Essex
- 2018

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15 ECTS Credits, Advanced Survey Data Analysis and Survey Experiments
University of Essex
- 2016

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MA, Politics and International Relations
Durham University
- 2015

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BA (Hons), International Relations and Politics
De Montfort University

 Sunnyvale, CA
 +1 (408) 480-7074
 dcaldwellphd@gmail.com
 [dcaldwellphd](#)
 [dcaldwellphd](#)

PROGRAMMING



SOFTWARE SKILLS

Tableau | Shiny | Markdown | LaTeX
| Git | SPSS | Microsoft Office |
Google Workspace

RESEARCH STRENGTHS

Data Visualization | Statistical
Modelling | Bayesian Inference |
Multilevel Regression | Longitudinal
Analysis | Causal Inference |
Research Design

PROFESSIONAL QUALITIES

Project Management | Leadership |
Communication | Writing |
Collaboration | Presentations |
Team Building



SERVICE

2021
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2019



Event Planner

Global Citizenship Programme

📍 Ustinov College

- Organizing events with hundreds of attendees
- Chairing panel discussions and Q&A sessions
- Leading cross-functional teams from diverse backgrounds

2020
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2019



Postgraduate Research Representative

School of Government & International Affairs

📍 Durham University

- Sitting on the Board of Studies and Student-Staff Consultative Committee
- Consulting on the implementation of reforms to graduate student progression reviews
- Liaising with faculty, staff, and other student leaders in the department

2019



PhD Association President

School of Government & International Affairs

📍 Durham University

- Leading the executive committee
- Delegating responsibilities among cross-functional teams
- Organizing weekly research seminars and professional development workshops



WRITING

2023



Long-Run Trends in Political Polarization of Climate Attitudes Across Countries

Working paper with Gidon Cohen and Nick Vivyan

2023



Polarisation and Cultural Realignment in Britain, 2014–2019

Doctoral thesis, [Durham University](#)

2023



Are Claims Surrounding Partisan Motivated Reasoning Exaggerated? The Effect of Conservative Partisanship on European Integration Attitudes During the Brexit Period

Working paper



OPEN SOURCE CONTRIBUTIONS



polaRized: An R Package for Estimating Political Attitude Polarization in Complex Survey Data

Available on [GitHub](#)