Joel Ardiaca

🌐 joelardiaca.github.io   ✉ joel.ardiaca.1999@gmail.com
Centre d'Estudis d'Opinió
Pau Claris 138, 08009 - Barcelona (Catalonia)

Research Interests

Survey Methodology, Nonresponse, Public Opinion, Quantitative Methods for Political Science, Machine Learning, Bayesian Statistics, Multilevel Models, Longitudinal Data Analysis, Spatial Data Analysis

Education

PhD Candidate in Political Science   2024 - 2028 (Expected)
Universitat de Barcelona (UB)
Title: Essays on survey nonresponse
Supervisors: Jordi Muñoz and Xavier Fernández-i-Marín

Master in Statistics and Operations Research   2022 - 2024
Universitat Politècnica de Catalunya (UPC)
Master thesis on Multilevel Regression with Poststratification for Survey Data with Xavier Puig

Bachelor in Applied Statistics   2016 - 2022
Universitat Autònoma de Barcelona (UAB)

Bachelor in Sociology   2016 - 2022
Universitat Autònoma de Barcelona (UAB)

Research

Work in Progress

Guinjoan, M., Rodon, T., Ardiaca, J. Public Support for Climate Policies: Costs, Redistribution, and Partisan Divides. *Presented at EPSA 2025*

Muñoz, J., Ardiaca, J., Tormos, R. Improving Representativeness in Probability-Based Panel Recruitment through Adaptive Survey Design: Evidence from the Catalan Citizen Panel. *Presented at JCPOP 2024 and EPSA 2025*

Tormos, R., Galais, C., Ardiaca, J. Bridging the Age Gap: The Impact of Age-Specific Priming on Political Interest. *Revise and Resubmit*

Participation in Research Projects

Research Assistant   2023 - 2024
Project: Political Attitudes, Climate Change, and Support for Mitigation Policies (ATTCLIMATE)
PI: Toni Rodon, Universitat Pompeu Fabra & Marc Guinjoan, Universitat Oberta de Catalunya (UOC)

Conference Presentations

European Political Science Association, (EPSA), Madrid   June 2025
Jornades de Comportament Polític i Opinió Pública (JCPOP), Barcelona   November 2024

Employment

Employment History

Centre d'Estudis d'Opinió. Generalitat de Catalunya   2023 - current
Statistician

KPMG   2021 - 2022
Professional internship in the Public Sector Department (6 months)

Extra and Consultancy Work

Institut Català Internacional per la Pau (ICIP) 2025
Survey implementation in Qualtrics

Universitat Pompeu Fabra 2025
Survey implementation in Qualtrics

Teaching Experience

Short Courses and Lectures

Introduction to Statistics with Jamovi (16h) 2025
Escola d'Administració Pública de Catalunya (EAPC)
Specific course for public servants

Improving Workflow and Data Management with R (4h) 2023-24, 2024-25
Universitat de Barcelona (UB)
Postgraduate course on Data Analyst for Political Analysis and Public Management

Course Material Development

Course material development – Practical exercises on Electoral Analysis 2023
Universitat Autònoma de Barcelona (UAB)

Knowledge Transfer

Methodological Notes

Les ponderacions per l'enquesta longitudinal *(in Catalan)* April 2025
Published on the Web del CEO, Centre d'Estudis d'Opinió

Comparacions per parelles per establir un ordre de prioritats *(in Catalan)* September 2023
Published on the Web del CEO, Centre d'Estudis d'Opinió

Public Outreach

El suport a les polítiques de canvi climàtic: costos, beneficis i expectatives *(in Catalan)* February 2025
Published on the 5 cèntims blog with Marc Guinjoan and Toni Rodon

Additional Training

Causal Inference 2024
Universitat Politècnica de Catalunya. MESIO Summer School (15h.)
Instructor: Aleix Ruiz de Villa Robert

Game Theory and Applications 2024
Universitat Politècnica de Catalunya. MESIO Summer School (15h.)
Instructor: Pedro Calleja Cortes

Measuring Citizen's Digital Behaviours Using Web Trackers and Data Donations 2024
Universitat Pompeu Fabra. RECSM Winter Methods School (9h.)
Instructor: Oriol Bosch

Creation of Shiny web Applications 2023
Universitat Politècnica de Catalunya. MESIO Summer School (15h.)
Instructor: Isaac Subirana

Skills

Programming: R (advanced), Stan, Python and SQL (intermediate), AMPL (basic)

Software: LaTeX, Qualtrics and SAS

Languages

Catalan: Native speaker

Spanish: Native speaker

English: Fluent (Advanced CAE - Score 201, C2 equivalent)

German: Basic (Goethe-Zertifikat B1)

Last updated: July 1, 2025