

Joel Ardiaca

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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

Supervisors: Jordi Muñoz and Xavier Fernández-i-Marín

Master in Statistics and Operations Research 2022 - 2024

Universitat Politècnica de Catalunya

Master thesis on Multilevel Regression with Poststratification for Survey Data with Xavier Puig

Bachelor in Applied Statistics 2016 - 2022

Universitat Autònoma de Barcelona

Bachelor in Sociology 2016 - 2022

Universitat Autònoma de Barcelona

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)

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

Research

Work In Progress

Guinjoan, M., Rodon, T., Ardiaca, J. Assessing the Public's Willingness to Pay for Climate Change Mitigation: A Vignette Study of Economic Sacrifice and Policy Acceptance. *Presented at EPSA 2024*

Muñoz, J., Ardiaca, J., Tormos, R. Improving the Catalan Citizen Panel through Randomized Experiments and Adaptive Survey Design. *Presented at EPSA 2024 and JCPOP 2024*

Tormos, R., Galais, C., Ardiaca, J. Bridging the Age Gap: The Impact of Age-Specific Priming on Political Interest. *Presented at JCPOP 2024*

Conference presentations

Improving the Catalan Citizen Panel through Adaptive Survey Design July 2025

European Survey Research Association (ESRA). Utrecht

Funded by ESRA via Travel and Stay Grant (registration fee + 500€)

Improving the Catalan Citizen Panel through Adaptive Survey Design European Political Science Association (EPSA). Madrid	June 2025
Improving the Catalan Citizen Panel through Adaptive Survey Design Jornades de Comportament Polític i Opinió Pública (JCPOP). Barcelona	November 2024

Knowledge transfer

Methodological notes

Les ponderacions per l'enquesta longitudinal (<i>in Catalan</i>) Published on the Web del CEO, Centre d'Estudis d'Opinió	April 2025
Comparacions per parelles per establir un ordre de prioritats (<i>in Catalan</i>) Published on the Web del CEO, Centre d'Estudis d'Opinió	September 2023

Public outreach

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

Short courses and lectures

Introduction to Statistics with Jamovi (16h) Escola d'Administració Pública de Catalunya (EAPC) <i>Specific course for public servants</i>	2025
Improving Workflow and Data Management with R (4h) Postgrad. course on Data Analyst for Political Analysis and Public Management Universitat de Barcelona	2023-24, 2024-25

Additional training

Causal Inference Universitat Politècnica de Catalunya MESIO Summer School (15h.) <i>Instructor: Aleix Ruiz de Villa Robert</i>	2024
Game Theory and Applications Universitat Politècnica de Catalunya MESIO Summer School (15h.) <i>Instructor: Pedro Calleja Cortes</i>	2024
Measuring Citizen's Digital Behaviours Using Web Trackers and Data Donations Universitat Pompeu Fabra RECSM Winter Methods School (9h.) <i>Instructor: Oriol Bosch</i>	2024
Creation of Shiny web Applications Universitat Politècnica de Catalunya MESIO Summer School (15h.) <i>Instructor: Isaac Subirana</i>	2023

Skills

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

Software: L^AT_EX, 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: May 16, 2025