

Oriol J. Bosch

Contact Information

Connaught House,
Department of Methodology,
London School of Economics and Political Science,
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[Google Scholar Profile](#) 

Research Interests

Survey methodology, computational methods, online surveys, data quality, passive measurements, digital trace data, data donations, media consumption, digital wellbeing, AI fairness

Education

PhD in Social Research Methods 2019/2023
London School of Economics and Political Science
London, U.K.

Master of Science in Survey Methods for Social Research 2018/2019
University of Essex,
Colchester, U.K.

With Distinction (86)

Thesis: “[Answering web surveys with images: an experiment](#)”

David Lockwood Prize-Best dissertation in the Department of Sociology

2013/2017

Bachelor's Degree in Political and Administration Science

Universitat Pompeu Fabra (UPF),
Barcelona, Spain.

Thesis: “[The impact of the response format on the left-right self-placement.](#)”

With honors (first class with distinction)

Research Experience

Research Assistant May 2022 –
The Alan Turing Institute May 2023

Non-Resident RECSM Research Fellow

Universitat Pompeu Fabra (UPF) Oct. 2018-
Research and Expertise Centre for Survey Methodology (RECSM) Present

Research Assistant

University of Southampton Sept. 2020-
School of Economic Social and Political Science Aug. 2021

Research Officer

University of Essex Oct. 2018-
Institute for Social and Economic Research (ISER) Sept. 2019

Researcher

Universitat Pompeu Fabra (UPF) July.2017-
Research and Expertise Centre for Survey Methodology (RECSM) Sept. 2018
Advanced Survey Quality Methods.

Junior Researcher

Universitat Pompeu Fabra (UPF) Oct.2016-
Research and Expertise Centre for Survey Methodology (RECSM) July 2017
Advanced Survey Quality Methods

Research stays	University of Lausanne Institute of Social Sciences <i>Visit to work on a data donations experiment</i>	March 2023
	University of Mannheim German Internet Panel <i>Visit to work on combining surveys with visual data</i>	April 2019 / July 2019

Articles in peer-reviewed journals

12. Michaud, A., **Bosch, O.J.**, and N. Sauger. "Can survey scales affect what people report as a fair income? Evidence from the cross-national probability-based online panel CRONOS." *Social Justice Research* (Forthcoming)

11. Torcal, M., Carty, E., Comellas, J.M., **Bosch, O.J.**, Thomson, Z., and D. Serani (2022). "The dynamics of political and affective polarisation: Datasets for Spain, Portugal, Italy, Argentina, and Chile (2019-2022)." *Data in Brief* 48, 1-16

10. **Bosch, O.J.**, and M. Revilla (2022). "When survey science met web tracking: presenting an error framework for metered data." *Journal of the Royal Statistical Association: Series A*, 1-29

9. **Bosch, O.J.**, Revilla, M., Qureshi, D., and J.K. Hohne (2022). "A new experiment on the use of images to answer web survey questions." *Journal of the Royal Statistical Association: Series A*, 1-26.

8. **Bosch, O.J.**, and M. Revilla (2022). "The challenges of using digital trace data to measure online behaviors: lessons from a study combining surveys and metered data to investigate affective polarization" *SAGE Research Methods Cases*.

7. **Bosch, O.J.**, and M. Revilla (2021). "The quality of survey questions in Spain: a cross-national comparison." *Revista Española de Investigaciones Sociológicas* 175, 3-26.

6. **Bosch, O.J.**, and M. Revilla (2020). "Using emojis in mobile web surveys for Millennials? A study in Spain and Mexico" *Quality & Quantity*.

5. Revilla, M., Couper, M.P., **Bosch, O.J.**, and A. Asensio (2020). "Testing the use of voice input in a smartphone web survey." *Social Science Computer Review* 38(2), 2017-224.

4. **Bosch, O.J.**, Revilla, M. and E. Paura (2019). "Do Millennials differ in terms of survey participation?" *International Journal of Market Research* 61(4), 359-365.

3. Revilla, M., **Bosch, O.J.**, and W. Weber (2019). "Unbalanced 3-group Split-Ballot Multitrait-Multimethod design?" *Structural Equation Modeling: A Multidisciplinary Journal* 26(3), 437-447.

2. **Bosch, O.J.**, Revilla, M. and E. Paura (2019). "Answering mobile surveys with images: an exploration using a computer vision API." *Social Science Computer Review* 37(5), 669-683.

1. **Bosch, O.J.**, Revilla, M., DeCastellarnau, A. and W. Weber (2018). "Measurement reliability, validity and quality of slider versus radio button scales in an online probability-based panel in Norway." *Social Science Computer Review* 37(1), 119–132.

Manuscripts in progress

Bosch, O.J. "Track me but not really: Tracking undercoverage in digital trace data research." *Under review*.

Bosch, O.J., and M. Revilla. "Is tracking all that it takes? The reliability and validity of media exposure measures created with digital traces" *Under review*.

Bosch, O.J., Revilla, M., Sturgis, P., and J. Kuha. "Using Generalized MultiTrait-MultiMethod models to simultaneously estimate the measurement quality of survey and digital trace data."

Bosch, O.J., Asensio, M., and C. Roberts. "What is the best way of collecting data donations? An experiment assessing the feasibility of three data donation approaches to measure smartphone usage."

Bosch, O.J., Asensio, M., and C. Roberts. "Data donations, are they worth the effort? The accuracy and validity of smartphone usage measures computed with self-reports and data donations"

Bosch, O.J. "Are people really that bad at reporting their time online? Exploring how web tracking errors overestimate self-report errors"

Bosch, O.J., and O. Maslovskaya. "The utility of probability-based online surveys: a literature review."

Bosch, O.J., and L. Calderwood. "Strategies to improve response rates in probability-based online surveys: a systematic literature review."

Non-peer-reviewed publications

Ada Lovelace Institute and The Alan Turing Institute (2023). "How do people feel about AI? A nationally representative survey of public attitudes to artificial intelligence in Britain."

Bosch, O.J. and P. Lynn (2021). "Methodological lessons from the pilot longitudinal survey on debt advice." *ISER Working Paper Series 2021-03*.

Bosch, O.J., DeCastellarnau, A., and M. Revilla (2018). "The results of the ESS Round 8 three-group SB-TS-MTMM experiment." *ESS ERIC deliverable number 5.10*

Bosch, O.J., Weber, W., and M. Revilla (2018). "Improving web panel respondent behaviour: The effect of encouragement messages throughout the course of the survey." *Deliverable 7.12 of the SERISS project funded under the European Union's Horizon 2020 research and innovation programme GA No: 654221*.

Bosch, O.J., and M. Revilla (2018). "The use of emojis by Millennials". *RECSM Working Paper 57*.

Bosch, O.J., and E. Paura (2018). "Worth a thousand words: Analyzing the impact of image recognition in surveys" *Proceedings of the ESOMAR Latin American Congress*, April 2018.

Bosch, O.J., and E. Paura (2018). "Exploring the use of AI to enhance survey experience" *Proceedings of the ESOMAR Asia Pacific Congress*, May 2018

Open access datasets

The triangle of polarization, political trust, and political communication: understanding its dynamics in contemporary democracies (TRI-POL).
[DOI:10.17605/OSF.IO/3T7JZ](https://doi.org/10.17605/OSF.IO/3T7JZ)

Research projects

WEB DATA OPP Principal Investigator: Dr. Melanie Revilla	2019-Present
The triangle of polarization, political trust and political communication (TRI-POL) Principal Investigator: Professor Dr. Mariano Torcal	2020-2023
GenPopWeb2 Principal Investigator: Dr. Olga Maslovskaya, Lisa Calderwood Laura Wilson and Gerry Nicolaas	2020-2022
European Social Survey (ESS)-ERIC Principal Investigator: Professor Dr. Peter Lynn	2017-2019
Netquest Research Lab Principal Investigator: Dr. Melanie Revilla	2017-2018
CROSS-National Online Survey Panel- SERISS Principal Investigator: Dr. Wiebke Weber	2017-2018

Conference Presentations (18)

Bosch, O.J. (2023). "Are centrists even real? Combining survey self-reports and web tracking data to improve our understanding of left-right ideology" in the 78th *American Association for Public Opinion Research (AAPOR) conference*, Philadelphia

Bosch, O.J., and M. Revilla (2022). "Is tracking all that it takes? Exploring the validity of news media exposure measurements created with metered data." in the 77th *AAPOR Annual Conference*, Chicago / 3rd *Mobile Apps and Sensors in Surveys (MASS) Workshop*, Utrecht.

Bosch, O.J. (2022). "Track Me but Not Really: Tracking Undercoverage in Metered Data Collection" in the 77th *AAPOR Annual Conference*, Chicago / 2022 *Joint Statistical Meetings (JSM)*, Washington DC.

Bosch, O.J., and M. Revilla (2021). "When Survey Science Met Online Tracking: An Error Framework for Metered Data." in the *RC33 Online Conference 2021*, Online / 9th *Conference of the European Survey Research Association (ESRA)*, Online / 76th *American Association for Public Opinion Research (AAPOR) conference*, Online.

Bosch, O.J. (2021). "Track me but not really: device undercoverage and its consequences when tracking online behaviour." in the *9th Conference of the European Survey Research Association (ESRA)*, Online / *2nd Mobile Apps and Sensors in Surveys (MASS) Workshop*, Online.

Bosch, O.J., Revilla, M., Qureshi, D., and J.K. Hohne (2020). "A new experiment on the use of images to answer web survey questions" in the *22nd General Online Research Conference (GOR)*. Berlin, Germany (Online)

Bosch, O.J., Revilla, M., and E. Paura (2019). "Answering mobile surveys with images: an exploration using a computer vision API" in the *8th Conference of the European Survey Research Association (ESRA)*. Zagreb, Croatia.

Bosch, O.J., Weber, W., and M. Revilla (2019). "Improving web panel respondent behaviour: The effect of encouragement messages throughout the course of the survey." in the *8th Conference of the European Survey Research Association (ESRA)*. Zagreb, Croatia.

Bosch, O.J., DeCastellarnau, A., and M. Revilla (2018). "The quality of survey questions in Spain: a cross-national comparison" In the *1st Spanish European Social Survey Congress*. Madrid, Spain

Bosch, O.J., and W. Weber (2018). "The impact of the response format on the left-right self-placement " in the *5th Workshop on Political Behavior and Public Opinion (JCPOP)*. Barcelona, Spain

Bosch, O.J., and E. Paura (2018). "Worth a thousand words: Analyzing the impact of image recognition in surveys" in the *20th General Online Research Conference (GOR)*. Cologne, Germany

Bosch, O.J. (2017). "Giving voice to respondents: using voice input options while answering web surveys" in the *70th Conference of the European Society for Opinion and Marketing Research (ESOMAR)*. Amsterdam, Netherlands

Bosch, O.J., and M. Revilla (2017). "Millennials and emojis in Spain and Mexico: using emojis in surveys targeting millennials" in the *7th Conference of the European Survey Research Association (ESRA)*. Lisbon, Portugal.

Invited talks

Business talk given at Attest - How can consumer research platforms enhance or extent (mobile) web survey data?

Seminar series in Statistic at Örebro University School of Business (Sweden) - New opportunities to enhance or extend (mobile) web survey data.

ISER's Method Research Group seminar series - The challenges of using metered data to study online behaviours.

UAB Working Doctoral Group - New opportunities to enhance or extend (mobile) web survey data.

RECSM seminar series 2020 - A new experiment on the use of images to answer web survey questions.

Collaborative Research Center SFB 884 "Political Economy of Reforms" seminar series 2019 - Answering mobile surveys with images: an exploration using a computer vision API.

Posters

Bosch, O.J., and M. Revilla (2018). "Using emojis in surveys targeting millennials" in the *20th General Online Research Conference (GOR)*. Cologne, Germany.

Teaching

Summer Schools

- Summer 2022: *Survey research in the digital age: Online Nonprobability Surveys and Post-Stratification* (Summer Institutes in Computational Social Science, Oxford)

Graduate Teaching Assistant (GTA)

- Second term 2022/23: *Survey Methods* (LSE, London)
- Second term 2021/22: *Survey Methods* (LSE, London)
Awarded best class teacher at the department of methodology
- First term 2021/22: *Intermediate Quantitative Analysis* (LSE, London)

Teaching Assistant

- Second semester 2017/18, 2018/19: *Questionnaire Design* (IBEI, Barcelona)

Dissertation Adviser

- Summer 2022: *MSc Dissertation Quant Adviser* (LSE, London)
- Summer 2021: *MSc Dissertation Quant Adviser* (LSE, London)

Consultancy

Social Care Institute for Excellence

Development and analysis of a longitudinal survey of health and care workers for Social Care Wales.

Jul. 2021 –
Jan. 2022

Wellcome Trust

Analysis of a two-wave cross-national survey (Wellcome Monitor, 113 countries) about mental health and the impact of COVID on opinions about science

Jul. – Aug.
2021

Money Advice Service

Development of the design of a longitudinal survey of people in debt

Febr. 2019-
April 2019

Academic service

Referee (32): Social Science Computer Review, Public Opinion Quarterly, Field Methods, Quality and Quantity, International Journal of Social Research Methodology, Survey Research Methods, Sociological Methods and Research, Electoral Studies, European Political Science Review, Journal of Media Psychology, Behaviour & Information Technology, AMC-CHI22, Journal of Survey Statistics and Methodology, New Media and Society, Advances in Methods and Practices in Psychological Science.

See my [Publons profile](#).

Conferences: Reviewer (BigSurv 2020; GOR 2021, 2022, 2023)

Discussant: Doctoral Workshop Political & Social Sciences, UPF (2020)

Organizer: [Quantitative Methods Reading Group](#), LSE (2021/2022)

Representative: PhD Representative of the Department of Methodology, LSE (2021/2022)

Member: American Association of Public Opinion Research, American Statistical Association, RC33, European Survey Research Association

Complementary formation

PhD training

[Data for Data Scientists](#) | Prof: K. Benoit

[Causal Inference for Observational and Experimental Studies](#) | Prof: D. Hendry

RECSM Summer School 18, UPF

[Social Networks](#) | Prof: L. De Benedictis

[Social Media Research/ Big Data 2](#) | Prof: D. Nyhuis

[Social Media Research/ Big Data 1](#) | Prof: P. Barberá

[Machine Learning for Social Sciences](#) | Prof: R. Wüest

[Causal Inference: Survey Experiments](#) | Prof: T.Leeper

RECSM Summer School 17, UPF

[Implementing High-Quality Web Surveys](#) | Prof: K. L. Manfreda

[Probability Sampling Methods](#) | Prof: T.Baghal

[Stata for Social Sciences](#) | Prof: J.Gumà and D.Boertien

DataCamp

[Intermediate Python for Data Science](#)

[Intro to Python for Data Science](#)

Distinctions and funding

Student Conference Awards

American Association of Public Opinion Research

May 2023

LSEU Teacher Awards - Best Class Teacher of 2022

Department of Methodology, LSE, London, UK

May 2022

Postgraduate Travel Fund

LSE, London, UK

2020/21/22

David Lockwood Prize: Best master's dissertation

Department of Sociology, University of Essex, Colchester, UK

Sep. 2019

LSE Studentship

LSE, London, UK

2019-2023

Travel Grant

8th Conference of the European Survey Research Association (ESRA), Zagreb, Croatia

July 2019

Student accommodation grant

1st Spanish European Social Survey Congress, Madrid, Spain

Sep. 2018

Best Debating Team

Xarxa Vives's national debating competition, Valencia, Spain

May 2016

Best Op-Ed Article

EU Commission's articles competition, Barcelona, Spain

Feb. 2016

Best Speaker

UPF's debating competition, Barcelona, Spain

Feb. 2016

Languages Spanish (native), Catalan (native), English (Full professional proficiency),
French (reading)

Computer Skills *Advanced:* R, STATA, LISREL, JRule, Microsoft Office
Medium: SPSS, MPlus, AMOS, LaTeX
Basic: Python

References **Dr. Melanie Revilla**
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Universitat Pompeu Fabra
melanie.revilla@upf.edu

Prof. Patrick Sturgis
Department of Methodology
The London School of Economics and Political Science
p.sturgis@lse.ac.uk

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