

# Oriol J. Bosch

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## Contact Information

Connaught House,  
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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 – May 2023  
The Alan Turing Institute

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

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

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

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

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

<b>Research stays</b>	<b>University of Lausanne</b> Institute of Social Sciences <i>Visit to work on a data donations experiment</i>	March 2023
	<b>University of Mannheim</b> 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**

**The Alan Turing Institute** (2023). "What does the public think about AI? Findings from a nationally representative survey of adults in Great Britain." (Forthcoming)

**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**

<a href="#">WEB DATA OPP</a> Principal Investigator: Dr. Melanie Revilla	2019-Present
<a href="#">The triangle of polarization, political trust and political communication (TRI-POL)</a> Principal Investigator: Professor Dr. Mariano Torcal	2020-2023
<a href="#">GenPopWeb2</a> Principal Investigator: Dr. Olga Maslovskaya, Lisa Calderwood Laura Wilson and Gerry Nicolaas	2020-2022
<a href="#">European Social Survey (ESS)-ERIC</a> Principal Investigator: Professor Dr. Peter Lynn	2017-2019
<a href="#">Netquest Research Lab</a> Principal Investigator: Dr. Melanie Revilla	2017-2018
<a href="#">CROSS-National Online Survey Panel- SERISS</a> 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 78<sup>th</sup> *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 77<sup>th</sup> *AAPOR Annual Conference*, Chicago / 3<sup>rd</sup> *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 77<sup>th</sup> *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 / 9<sup>th</sup> *Conference of the European Survey Research Association (ESRA)*, Online / 76<sup>th</sup> *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 / *2<sup>nd</sup> 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 *5<sup>th</sup> 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**  
Department of Political and Social Sciences  
Universitat Pompeu Fabra  
[melanie.revilla@upf.edu](mailto:melanie.revilla@upf.edu)

**Prof. Patrick Sturgis**  
Department of Methodology  
The London School of Economics and Political Science  
[p.sturgis@lse.ac.uk](mailto:p.sturgis@lse.ac.uk)

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