Oriol J. Bosch

Contact Information	Connaught House, Department of Methodology, London School of Economics and Political Science, London, WC2B 4DS, UK	o.bosch-jover@lse.ac.uk ✉ orioljbosch.com ⊕ @orioljbosch 🐦 Google Scholar Profile 🎓

Research Interests

Data quality, survey methodology, online surveys, passive measurements, web tracking, data donations, media consumption, polarization, digital inequalities, digital wellbeing, computational methods

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.
    Thesis: "Answering web surveys with images: an experiment"
    David Lockwood Prize-Best dissertation in the Department of Sociology

Bachelor's Degree in Political and Administration Science   2013/2017
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   Present

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

Research stays	**University of Mannheim**	April 2019 /
	German Internet Panel	July 2019
	Visit to work on combining surveys with visual data	

Articles in peer-reviewed journals

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

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." *Under review*

Torcal, M., Carty, M., **Bosch, O.J**., Comellas, J., Thomson, Z., and D. Serani. "The Triangle of Polarization, Political Confidence and Political Communication: Understanding its Dynamics in Five Contemporary Democracies." *Under review*

Bosch, O.J. "Track me but not really: tracking undercoverage in metered data collection." *Under review.*

Bosch, O.J., and M. Revilla. "Is tracking all that it takes? Exploring the validity of news media exposure measurements created with metered data." *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. "Can I get some of your data? An experiment exploring the feasibility of asking for data donations in a probability-based online panel"

Bosch, O.J., Asensio, M., and C. Roberts. "To donate or to enhance? An experiment assessing the measurement quality gains of using iOS and Android screen time trackers to collect data donations of participants VS. enhancing their self-reports."

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."

Rose, E., Birch, J., Crump, A., **Bosch, O.J**., and G. Shreedhar. "Animal welfare science: views from the field"

Non-peer-reviewed publications

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

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-Present

	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 (17)

Bosch, O.J., and M. Revilla (2021). "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. (2021). "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 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**	Jul. 2021 – Jan. 2022
	Development and analysis of a longitudinal survey of health and care workers for Social Care Wales.	
	Wellcome Trust	Jul. – Aug. 2021
	Analysis of a two-wave cross-national survey (Wellcome Monitor,113 countries) about mental health and the impact of COVID on opinions about science	
	Money Advice Service	Febr. 2019- April 2019
	Development of the design of a longitudinal survey of people in debt	

Academic service	*Referee (26):* 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.
	See my Publons profile.
	Conferences: Reviewer (BigSurv 2020; GOR 2021, 2022)
	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
	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 Suverys | 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	**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	

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

Last updated: October 2022