

Carlos G. Poses

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About

I am a Statistics MSc student with a passion in scientific research. My goal is to make the scientific literature more solid and trustful via the use of statistics. I have a background in (empirical) social science and three years of research experience in survey methodology. I am a strong believer in the importance of methodological rigor, transparency and open science.

Professional experience

Research Assistant **2023–Currently**
Utrecht University *Utrecht*

- Developing the ‘densityratio’ R package, project lead by Thom Volker
- ODISSEI Social Data Science Team: team’s communication handling (blogposts, maintaining Hugo website, social media) and organizational tasks, under supervision of Erik-Jan Van Kesteren

Teaching Assistant **2023–Currently**
Utrecht University *Utrecht*

- Courses: Summer School 2023 Data Analysis (with Maarten Cruyff), Intro to R workshop (with Javier Garcia-Bernardo)

Researcher at Universitat Pompeu Fabra **2020–2022**
Research and Expertise Centre for Survey Methodology (RECSM) *Barcelona*

- Main responsibility: Analysis of cross-cultural comparability (measurement invariance) and measurement quality (MTMM experiments) of European Social Survey data
- Finished job as team leader of ESS work programme, entailing structured training and supervision of new RECSM members
- Writing of scientific reports and papers
- Involvement in ESS pilot experiments and questionnaire design, consulting, data analysis, literature reviews

Junior researcher at Universitat Pompeu Fabra **2019–2020**
Research and Expertise Centre for Survey Methodology (RECSM) *Barcelona*

- Member of the Advanced Survey Quality Methods research group
- Data analysis, internal management group tasks, literature reviews, scientific reports

Education

MSc Methodology and Statistics

2022–2024

Utrecht University

Utrecht, Netherlands

- Focus: Applied statistics in the Behavioural, Biomedical and Social Sciences
- Electives: Applied Data Science track (15 ECTS)
- Thesis: Development of a Bayesian Multilevel synthetic control method (supervised by Erik-Jan van Kesteren & Oisín Ryan, ongoing project)

BA Philosophy, Politics and Economics

2016–2020

UPF, UC3M and UAM

Barcelona/Madrid

- Interuniversity degree among 3 top Spanish universities in the Social Sciences. 5/8 semesters at UPF; 2/8 semesters at UC3M/UAM. Average grade: 8.8/10
- Specialization: Statistics and Research Methodology, Empirical social science
- Received La Caixa mobility scholarship to study 2nd year in Madrid
- Thesis: Content Validity and Measurement Quality of the “Satisfaction With Democracy” Survey Indicator. Grade: 10/10. Became a published paper

Erasmus+ student

2019–2020

KU Leuven

Leuven, Belgium

- One semester. Faculty of Economics and Business

Peer-reviewed publications

1. Poses, C., & Revilla, M. (2021). Measuring satisfaction with democracy: How good are different scales across countries and languages? *European Political Science Review*, 1–18. <https://doi.org/10.1017/S1755773921000266>
2. Poses, C., Revilla, M., Schwarz, H., Asensio, M., & Weber, W. (2021). Measurement quality of 67 common social sciences questions across countries and languages based on 28 Multitrait-Multimethod experiments implemented in the European Social Survey. *Survey Research Methods*, 15(3), 235–256. <https://doi.org/https://doi.org/10.18148/srm/2021.v15i3.7816>
3. Revilla, M., Poses, C., Serra, O., Asensio, M., Schwarz, H., & Weber, W. (2021). Applying the Estimation Using Pooled Data Approach to the Multitrait-Multimethod Experiments of the European Social Survey (Rounds 1 to 7). *Structural Equation Modeling: A Multidisciplinary Journal*, 28(3), 463–474. <https://doi.org/10.1080/10705511.2020.1807988>

Professional reports

1. Weber, W., Poses, C., & Jaime, S. (2022). Three-group SB-MTMM experiment with measures of the Sexism scale from the Rotating Module “Gender in Contemporary Europe: Rethinking Equality and the Backlash.” *European Social Survey*.
2. Poses, C., & Weber, W. (2022). Pretest of ESS Round 11 rotating modules in Lithuania and United Kingdom: Analysis of completion time. *European Social Survey*.
3. Poses, C., Weber, W., & Nickel, A. (2022). Measurement invariance and quality of the attitudes towards immigration scale across ESS Rounds 1-9 (2002-2018). *European Social Survey*.
4. Poses, C., & Weber, W. (2021). Evaluation of measurement quality and cross-country comparison of complex concepts [Positive and Negative Affect]. *European Social Survey*.

5. Poses, C., Weber, W., & Schwarz, H. (2020). Estimating measurement quality in Round 9 of the European Social Survey - Results of a Split-Ballot Multitrait Multimethod experiment. *European Social Survey*.

Research Projects

European Social Survey (ESS) ERIC - Core Scientific Team (CST): PI - Dr. Wiebke Weber. Project date: 2008-Ongoing. Participation since 2019 until 2022

Survey Quality Predictor: PI - Dr. Wiebke Weber. Project date: 2008-2022 Participation since 2019.

Academic presentations/conferences

- Poses, C., Revilla, M., Asensio, M., Schwarz, H., and Weber, W (2021). An overview of the size of measurement errors of a subset of questions of the European Social Survey. *European Survey Research Association 2021 Conference*
- Poses, C., Schwarz, H., and Weber, W. (2021). Estimating measurement quality in Round 9 of the European Social Survey - Results of a Split-Ballot Multitrait Multimethod experiment. *European Survey Research Association 2021 Conference*
- Poses, C, and Revilla, M. (2020). Estimating the size of measurement errors of the “Satisfaction With Democracy” Survey Indicator for different scales, countries and languages. *“RECSM Seminar Series*
- Assistant to: *ESRA Conference 2021, BigSurv 2020, RECSM Seminar Series*

Additional training

- RECSM Summer School 2021: **Structural Equation Modelling** (8h)
- RECSM Summer School 2020: **Survey experiments** (8h), **Causal inference with non-experimental data** (12h), **Sampling Methods** (8h), **Introduction to R** (8h)
- RECSM Summer School 2019: **Practical multilevel modeling** (12h)

Consultancy projects

CIDOB (Barcelona)

2020-2021

Assistance to Barcelona Centre for International Affairs

- Online elite survey within the project: “CASCading Climate risks: towards ADaptive and resilient European Societies (CASCADES)”
- Role: Data wrangling, descriptive data analysis and visualization using R (tidyverse based)

Centre d’Estudis d’Opinió

2023

Survey data quality consulting for Catalan government Public Opinion Institute

- Analysis of data quality of the first wave of a new online barometer about sociopolitical attitudes (with Melanie Revilla and Carlos Ochoa). Role: questionnaire review, first wave data quality analysis (completion times, straightlining, mode effects, non-response, experimental analysis, and more), data wrangling, data analysis and visualization, writing of report and recommendations

Programming/software

- Proficient: **R**, **Quarto**/**R**Markdown, $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$, **Microsoft Office** (PowerPoint, Word, Excel)
- Intermediate: **Git**/**Github**, **Stan**, **Mplus**, **JAGS**, **Lisrel**,
- Basic: **Stata**, **SPSS**, **JASP**

Languages

- **English** (Fluent - TOEFL 115/120, equivalent to C2), **Galician** (Native), **Spanish** (Native), **Catalan** (Fluent, C1 accredited), **Portuguese** (reading).
- Learning Dutch (currently on A1 level)

January, 2024 This CV has been compiled using RMarkdown and the R package vitae.