

Celine Wuyts

celine_w@alum.mit.edu · +32 499 359 243 · [linkedin](#)

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA
Master in Data, Economics, and Development Policy (MASc), GPA 5.0/5.0 September 2023

KU Leuven, Leuven, Belgium
Doctor of Social Sciences (PhD) June 2022

Master of Statistics (MSc), Magna cum laude September 2014

University of Antwerp, Antwerp, Belgium
Master in Business Engineering in Management Information Systems (MSc), Cum laude September 2012

Bachelor in Business Engineering in Management Information Systems,
Magna cum laude, Dean's list June 2010

RESEARCH EXPERIENCE

Directorate for Education and Skills, OECD, Paris, France
Analyst September 2023–present
Programme for International Student Assessment (PISA) Research, Development and Innovation Programme

Graduate student intern June 2023–August 2023
Programme for International Student Assessment (PISA) Research, Development and Innovation Programme

Centre for Sociological Research, KU Leuven, Leuven, Belgium
Survey methodologist January 2022–December 2022
Belgian Online Probability Panel, a new research infrastructure for the social and behavioral sciences

National coordinator November 2021–December 2022
CRONOS-2 web panel of the European Social Survey

Doctoral researcher July 2019–June 2022

Research associate May 2021–December 2021
VLIR-UOS Global Minds research project “Understanding gender imbalances in STEM fields in secondary education in Rwanda,” in collaboration with VVOB–Education for Development and the Rwandan Association for Women in Science and Engineering (RAWISE)

Research associate January 2018–June 2019
Core Scientific Team of the European Social Survey

National coordinator August 2014–December 2017
European Social Survey

TECHNICAL SKILLS

Programming languages and data analysis tools

- R: Proficient
- SPSS: Intermediate
- Stata: Intermediate
- SAS: Familiar
- Python: Familiar

Research and data management

- Literal programming (RMarkdown/Quarto): Proficient
- Survey software (KoboToolbox, Qualtrics): Intermediate
- Version control (Git): Familiar

LANGUAGES

- English: Fluent (TOEFL iBT 113/120, January 2022; EF Cambridge English Level Test C2, August 2011)
- French: Intermediate (FLE B1/B2, Université Paris-Dauphine, October, 2013)
- Dutch: Native

PROFESSIONAL AND TEACHING EXPERIENCE

Peer reviewing

Public Opinion Quarterly, Journal of Survey Statistics and Methodology, Journal of Official Statistics, International Journal of Public Opinion Research, Field Methods, Survey Methods: Insights from the Field

Dutch-language platform for Survey Research (NPSO)

Core, organizing member

April 2019–present

Faculty of Science, KU Leuven, Leuven, Belgium

Teaching assistant Applied Statistics and Biometrics

February 2014–May 2014

SELECTED RESEARCH TRAINING

- Tools for Efficient Workflows, Smooth Collaboration and Optimized Research Outputs (GESIS Fall Seminar in Computational Social Science, September 2022)
- Questionnaire Design for Mixed Mode, Web and Mobile Surveys (National Centre for Research Methods, University of Southampton, March 2022)
- Missing Data (Flanders' Training Network for Methodology and Statistics, March 2021)
- Data Wrangling and Tidying with Tidyverse (Flanders' Training Network for Methodology and Statistics, December 2020)
- Introduction to Computational Social Science (Research and Expertise Centre for Survey Methodology Winter School in Survey Methodology, Universitat Pompeu Fabra, February 2020)

TEACHING TRAINING

- Teaching assistant training (Faculty of Science, KU Leuven, July 2014)
- Subject-Specific Teacher Training Programme in Mathematics (Faculty of Science, KU Leuven): Learning and Teaching (January 2015), Education and Society (June 2015), Didactics of Mathematics (June 2015)

PUBLICATIONS AND CONFERENCE CONTRIBUTIONS

Peer-reviewed publications

1. **Wuyts, C.**, and Loosveldt, G. (2022), “Observing interviewer performance in slices or by traces: A comparison of methods to predict interviewers’ individual contributions to interviewer variance,” *Survey Research Methods*, 16, 147–163. <https://doi.org/10.18148/srm/2022.v16i2.7672>.
2. **Wuyts, C.**, and Loosveldt, G. (2020), “Measurement of interviewer workload within the survey and an exploration of workload effects on interviewers’ field efforts and performance,” *Journal of Official Statistics*, 36, 561–588. <https://doi.org/10.2478/jos-2020-0029>.
3. Peeters, L., De Coninck, D., **Wuyts, C.**, and Loosveldt, G. (2020), “Assessing interviewer performance in approaching reissued initial nonrespondents,” *Journal of Official Statistics*, 36, 589–607. <https://doi.org/10.2478/jos-2020-0030>.
4. Loosveldt, G., and **Wuyts, C.** (2020), “A comparison of different approaches to examining whether interviewer effects tend to vary across different subgroups of respondents,” in *Interviewer effects from a Total Survey Error perspective*, eds. K. Olson, J. D. Smyth, J. Dykema, A. L. Holbrook, F. Kreuter, and B. T. West, Boca Raton, FL: Chapman and Hall/CRC, pp. 311–322. <https://doi.org/10.1201/9781003020219-29>.
5. Loosveldt, G., **Wuyts, C.**, and Beullens, K. (2018), “Interviewer variance and its effects on estimates,” *Quality Assurance in Education*, 26, 227–242. <https://doi.org/10.1108/qae-06-2017-0030>.
6. Vercruyssen, A., **Wuyts, C.**, and Loosveldt, G. (2017), “The effect of sociodemographic (mis)match between interviewers and respondents on unit and item nonresponse in Belgium,” *Social Science Research*, 67, 229–238. <https://doi.org/10.1016/j.ssresearch.2017.02.007>.
7. **Wuyts, C.**, Vercruyssen, A., and Loosveldt, G. (2017), “Explaining survey nonresponse in the ESS in Belgium using municipality-level administrative registry data,” *Statistical Journal of the IAOS*, 33, 645–659. <https://doi.org/10.3233/SJI-160288>.
8. **Wuyts, C.**, and Loosveldt, G. (2017), “The interviewer in the respondent’s shoes: What can we learn from the way interviewers answer survey questions?,” *Field Methods*, 29, 140–153. <https://doi.org/10.1177/1525822X16663162>.

Research reports and research briefs

9. **Wuyts, C.**, Meeusen, C., Vandevyvere, I., Cyulinyana, M. C., Ishimwe, S., and Draulans, V. (2022), *Understanding gender imbalances in STEM fields in Rwanda: A survey of secondary school students in Kayanza District, Rwanda*, Leuven, Belgium: Centre for Sociological Research. https://www.vvob.org/sites/belgium/files/ceso-sm-2022-1_-_understanding_gender_imbalances_in_stem_fields_in_rwanda_v2.pdf

Technical documentation reports

10. **Wuyts, C.**, Meeusen, C., and Draulans, V. (2022), *Understanding gender imbalances in STEM fields in Rwanda: Methodological report*, Leuven, Belgium: Centre for Sociological Research.
11. **Wuyts, C.**, and Loosveldt, G. (2019), *Quality matrix for the European Social Survey, Round 8: Overall fieldwork and data quality report*, Leuven, Belgium: Centre for Sociological Research, KU Leuven. https://www.europeansocialsurvey.org/sites/default/files/2023-06/ESS8_quality_matrix_0.pdf
12. **Wuyts, C.**, Jacobs, L., De Coninck, D., Italiano, P., and Loosveldt, G. (2018), *European Social Survey Round 8 Belgium: Process evaluation for the data collection*, Leuven, Belgium: Centre for Sociological Research, KU Leuven.
13. **Wuyts, C.**, and Loosveldt, G. (2017), *Sampling for the European Social Survey Round 8 – Belgium*, Leuven, Belgium: Centre for Sociological Research, KU Leuven.
14. **Wuyts, C.**, and Loosveldt, G. (2017), *The interviewers in the European Social Survey Round 5 to 7 - Belgium*, Leuven, Belgium: Centre for Sociological Research, KU Leuven.
15. Vercruyssen, A., **Wuyts, C.**, and Loosveldt, G. (2016), *Auxiliary data for the European Social Survey Belgium: A search for easily available and straightforwardly useable external data*, Leuven, Belgium: Centre for Sociological Research, KU Leuven.
16. Barbier, S., **Wuyts, C.**, Italiano, P., and Loosveldt, G. (2016), *European Social Survey Round 7 Belgium: Process evaluation for the data collection*, Leuven, Belgium: Centre for Sociological Research, KU Leuven.

Selected conference presentations

17. **Wuyts, C.** (2023), “Belief in binary gender and binary gender measurement,” Conference of the European Survey Research Association, Milan, Italy, July 2023.
18. **Wuyts, C.**, and Loosveldt, G. (2019), “Interview speed patterns versus deviating behaviors observed in audio-recorded interviews for (early) identification of field interviewers’ harmful interviewing practice: A test case,” Conference of the European Survey Research Association, Zagreb, Croatia, July 2019.
19. **Wuyts, C.**, and Loosveldt, G. (2018), “Interviewers’ within-survey workload: Measurement and association with task efforts and performance,” International Workshop on Household Survey Nonresponse, Budapest, Hungary, August 2018.
20. **Wuyts, C.**, and Loosveldt, G. (2018), “Interviewers’ within-survey workload: Measurement and association with task effort and performance,” Joint Statistical Meetings, Vancouver, Canada, August 2018.
21. **Wuyts, C.**, Vandenplas, C., and Loosveldt, G. (2017), “An interviewer-oriented analysis of interview speed: Experience, burden, or both?,” Conference of the European Survey Research Association, Lisbon, Portugal, July 2017.
22. **Wuyts, C.**, and Loosveldt, G. (2016), “Workload-related interviewer characteristics and unit nonresponse in ESS Belgium,” International Workshop on Household Survey Nonresponse, Oslo, Norway, September 2016.
23. **Wuyts, C.**, and Loosveldt, G. (2015), “Making sense of nonresponse with the newest Belgian census data? A test case on the Belgian ESS6 data,” International Workshop on Household Survey Nonresponse, Leuven, Belgium, September 2015.
24. **Wuyts, C.**, and Loosveldt, G. (2015), “The interviewer in the respondent’s shoes: What can we learn of how interviewers answer survey questions?,” Conference of the European Survey Research Association, Reykjavik, Iceland, July 2015.

27 October 2023