

# Celine Wuyts

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## EDUCATION

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**Massachusetts Institute of Technology** *September 2023*

Cambridge, MA

Master in Data, Economics, and Development Policy (MASc), GPA 5.0/5.0

**KU Leuven** *June 2022*

Leuven, Belgium

Doctor of Social Sciences

**KU Leuven** *September 2014*

Leuven, Belgium

Master of Statistics (MSc), Magna cum laude

**University of Antwerp** *September 2012*

Antwerp, Belgium

Master in Business Engineering in Management Information Systems (MSc), Cum laude

**University of Antwerp** *June 2010*

Antwerp, Belgium

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

## RESEARCH EXPERIENCE

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**Analyst**, Programme for International Student Assessment (PISA) *September 2023–present*

Research, Development and Innovation (RDI) Programme

Directorate for Education and Skills, OECD

Paris, France

**Survey methodologist**, Belgian Online Probability Panel, a new research *January 2022–December 2022*

infrastructure for the social and behavioral sciences

Centre for Sociological Research, KU Leuven

Leuven, Belgium

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

Survey

Centre for Sociological Research, KU Leuven

Leuven, Belgium

**Research associate**, VLIR-UOS Global Minds research project *May 2021–December 2021*

“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)

Centre for Sociological Research, KU Leuven

Leuven, Belgium

**Doctoral researcher** *July 2019–June 2022*

Centre for Sociological Research, KU Leuven

Leuven, Belgium

**Research associate**, Core Scientific Team of the European Social Survey  
Centre for Sociological Research, KU Leuven  
Leuven, Belgium

*January 2018–June 2019*

**National coordinator**, European Social Survey  
Centre for Sociological Research, KU Leuven  
Leuven, Belgium

*August 2014–December 2017*

## PROFESSIONAL AND TEACHING EXPERIENCE

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### 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

**Core member of the Dutch-language platform for Survey Research (NPSO)**

*April 2019–present*

**Teaching assistant** Faculty of Science, KU Leuven  
Leuven, Belgium

*February 2014–May 2014*

## SELECTED RESEARCH TRAINING

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- 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

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- 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)

## TECHNICAL SKILLS

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### Programming languages

- R: Proficient
- Python: Familiar

### Data analysis tools

- SPSS: Intermediate
- Stata: Intermediate
- SAS: Familiar

### Research and data management

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

## LANGUAGES

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- 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

## PUBLICATIONS AND CONFERENCE CONTRIBUTIONS

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### 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>.

### Manuscripts under review

9. **Wuyts, C.**, and Loosveldt, G. (2023), “Contagious bias in the interview revisited,” Manuscript submitted for publication.

### Research reports and research briefs

10. **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 Kayonza District, Rwanda](#), Leuven, Belgium: Centre for Sociological Research.

### Technical documentation reports

11. **Wuyts, C.**, Meeusen, C., and Draulans, V. (2022), *Understanding gender imbalances in STEM fields in Rwanda: Methodological report*, Leuven, Belgium: Centre for Sociological Research.
12. **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.
13. **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.
14. **Wuyts, C.**, and Loosveldt, G. (2017), *Sampling for the European Social Survey Round 8 – Belgium*, Leuven, Belgium: Centre for Sociological Research, KU Leuven.
15. **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.
16. 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.
17. 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

18. **Wuyts, C.** (2023), "Belief in binary gender and binary gender measurement," Conference of the European Survey Research Association, Milan, Italy, July 2023.
19. **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.
20. **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.
21. **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.
22. **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.
23. **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.
24. **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.
25. **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.

20 October 2023