

Curriculum Vitae

Personal information

First name(s) / Surname(s)	Umut Atasever
Professional e-mail	umut.atasever@iea-hamburg.de
Work phone	+49 (0)40 48500 754
* Nationality	Germany
* Date of birth	04/03/1990
* Gender	Male

Position / Organisation

Work experience

Dates	2025 – Present
Occupation or position held	Senior Sampling Statistician
Main activities and responsibilities	• Select complex samples and estimate weights for International Large-Scale Assessments in Education, including IEA's TIMSS and PIRLS studies • Lead the sampling team for OECD's PIAAC study • Lead the responsibilities of IEA's Sampling Unit for TIMSS and PIRLS • Conduct research on the validity of international assessments from a sampling perspective • Conduct workshops on analyzing complex survey data and sampling methodology
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg (formerly IEA Data Processing and Research Center)
Type of business or sector	Non-profit research organization
Dates	2017 – 2025
Occupation or position held	Sampling Statistician
Main activities and responsibilities	• Working as a sampling statistician to draw complex samples for international-large scale assessments of education, such as: TIMSS and ICCS surveys • Leader of the R programming to produce statistical tables for TALIS and 3S surveys • Developer of the IDB Analyzer software on R to merge and analyse data from large-scale assessments
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg (formerly IEA Data Processing and Research Center)
Type of business or sector	Non-profit research organization
Dates	2014 – 2016
Occupation or position held	Student Assistant
Main activities and responsibilities	Monitoring ALBUS and ESS surveys
Name of employer	GESIS Mannheim
Type of business or sector	Leibniz-institute for social science

Dates	2010 – 2014
Occupation or position held	Student Assistant
Main activities and responsibilities	Collect data for analysis in the field of comparative politics
Name of employer	Okan University
Type of business or sector	University

Education and training

Dates	2023–Present
Title of qualification awarded	Doctor of Philosophy (PhD) in Educational Science
Principal subjects/occupational skills covered	Examining the validity of international assessment from a sampling perspective
Name and type of organisation providing education and training	Technical University of Dortmund

Dates	2014–2016
Title of qualification awarded	Master of Arts (M.A.) in Political Science
Principal subjects/occupational skills covered	Quantitative methods of data analysis and elections and party competition in established democracies
Name and type of organisation providing education and training	University of Mannheim

Dates	2009–2014
Title of qualification awarded	Bachelor of Arts (B.A.) in International Relations
Principal subjects/occupational skills covered	International politics and educational research
Name and type of organisation providing education and training	Okan University

Personal skills and competences

Mother tongue(s)	Turkish
Other language(s)	English, German
Computer skills and competences	R (Advanced), SAS (Advanced), SPSS (Advanced)

Publications

Papers, Book Chapters, & Technical Report Chapters

Atasever, U., Meinck, S., & Cortes, D. (2025). *An examination of the performance of variance estimators in ILSAs*. IEA (R&D Outcomes). <https://www.iea.nl/sites/default/files/2025-07/RD-Call-Three-Variance-Estimators.pdf>

Atasever, U., Huang, F. L., & Rutkowski, L. (2025). Reassessing weights in large-scale assessments and multilevel models. *Large-scale Assessments in Education*, 13, Article 9. <https://doi.org/10.1186/s40536-025-00245-y>

Fishbein, B., Siegel, P., Atasever, U., Cooney, D., & Gonzalez, G. (2024). Standard error estimation in TIMSS. In M. von Davier, B. Fishbein, & A. Kennedy (Eds.), *TIMSS 2023 Technical Report (Methods and Procedures)* (pp. 13.1–13.10). Boston College, TIMSS & PIRLS International Study Center. <https://doi.org/10.6017/lse.tpisc.timss.rs6950>

Siegel, P., Cooney, D., Ridenhour, J., & Atasever, U. (2024). TIMSS 2023 Sampling Implementation. In M. von Davier, B. Fishbein, & A. Kennedy (Eds.), *TIMSS 2023 Technical Report (Methods and Procedures)* (pp. 9.1–9.124). Boston College, TIMSS & PIRLS International Study Center. <https://doi.org/10.6017/lse.tpisc.timss.rs7763>

Cortes, D., & Atasever, U. (2024). Chapter 3: Weights and variance estimation. In Y. Afana, F. Brese, H. Kowolik, D. Cortés, & W. Schulz (Eds.), *ICCS 2022 User Guide*. Amsterdam, The Netherlands: International Association for the Evaluation of Educational Achievement.

Atasever, U., & Cortes, D. (2024). Chapter 10: Weighting procedures. In W. Schulz, T. Friedman, & J. Fraillon (Eds.), *ICCS 2022 Technical Report*. Amsterdam, The Netherlands: International Association for the Evaluation of Educational Achievement.

Cortes, D., & Atasever, U. (2024). Chapter 6: Sampling design and implementation. In W. Schulz, T. Friedman, & J. Fraillon (Eds.), *ICCS 2022 Technical Report*. Amsterdam, The Netherlands: International Association for the Evaluation of Educational Achievement.

Atasever, U., Jerrim, J., & Tieck, S. (2023). Exclusion rates from international large-scale assessments: An analysis of 20 years of IEA data. *Educational Assessment, Evaluation and Accountability*. <https://doi.org/10.1007/s11092-023-09416-3>

Atasever, U., & Strietholt, R. (2023). Using the IDB Analyzer to analyze PIAAC data with SPSS, SAS, and R. In *Analysis Scripts in Large-Scale Assessments in Education: Scripts based on PIAAC data (Methods Series)*. Research Data Center PIAAC at GESIS. Köln, Germany: GESIS - Leibniz-Institut für Sozialwissenschaften. <https://doi.org/10.21241/ssoar.85846>

Conference Presentations

Atasever, U., & Meinck, S. (2026). Inclusion at Risk? Understanding Student Exclusions in TIMSS. Paper presented at NCME 2026, Los Angeles, United States.

Atasever, U., & Huang, F. (2026). Reassessing Weights in Survey Research: Implications for Multilevel Modeling. Paper presented at AERA 2026, Los Angeles, United States.

Atasever, U., & Meinck, S. (2026). Inclusion at Risk? Understanding Student Exclusions in TIMSS. Paper presented at GEBF 2026, Munich, Germany.

Atasever, U., & Meinck, S. (2025). Striving for more inclusiveness: Understanding and addressing student exclusion in TIMSS and PIRLS. Paper presented at IRC 2025, Rome, Italy.

Atasever, U., & Meinck, S. (2025). Trends in exclusion and non-response rates in IEA studies over three decades. Paper presented at IRC 2025, Rome, Italy.

Atasever, U., Meinck, S., & Cortes, D. (2025). An examination of the performance of variance estimators in ILSAs. Paper presented at ESRA 2025, Utrecht, The Netherlands.

Atasever, U., & Huang, F. (2024). Use of R in simulating international large-scale assessments. Paper presented at the Use of R Conference 2024, Piraeus, Greece.

Atasever, U., Jerrim, J., & Tieck, S. (2023). Exclusion rates from international large-scale assessments: An analysis of 20 years of IEA data. Paper presented at ECER 2023 Conference, Glasgow, Scotland.

Atasever, U., Jerrim, J., & Tieck, S. (2023). Exclusion rates from international large-scale assessments: An analysis of 20 years of IEA data. Paper presented at IRC, Dublin, Ireland.

Atasever, U., Cortes, D., & Meinck, S. (2023). An examination of the relative performance of sampling variance estimators in international large-scale assessments. Paper presented at IRC, Dublin, Ireland.

Workshops

04/2026, Huang, F., Kennedy, A., Atasever, U., & Christiansen, A. Workshop "Multilevel Modeling with International Large-Scale Assessment Databases Using R." AERA 2026, Los Angeles, United States.

09/2025, Atasever, U., & Kennedy, A. Workshop "Analyzing TIMSS Longitudinal International Database." TIMSS Consortium, Virtual.

02/2025, Atasever, U., & Gonzalez, E. Workshop "Analyzing TIMSS 2023 International Database." TIMSS Consortium, Hamburg, Germany.

07/2024, Workshop for TIMSS 2023 National Research Coordinators, Virtual: "TIMSS 2023 IDB Analyzer Workshop."

06/2024, Workshop "Non-participation and exclusion in ILSA studies from a practice, methodological and ethical perspective" at the National Centre for School Research (NCS), Aarhus University: "Exclusion and participation rates in IEA studies."

02/2024, Workshop at the NIERI Institute, Tokyo, Japan: "Analyzing TIMSS data with R."

06/2023, Workshop at the IRC 2023, Dublin, Ireland: "Analyzing IEA data with R."

10/2021, Workshop at the IRC 2021, Dubai, United Arab Emirates: "Analyzing IEA data with R."

02/2021, Workshop for TIMSS 2019 National Research Coordinators, Virtual: "TIMSS 2019 IDB Analyzer Workshop."

02/2018, Workshop for PIRLS 2016 National Research Coordinators' Meeting, Hamburg, Germany: "PIRLS 2016 IDB Analyzer Workshop."

06/2017, Workshop for PIRLS 2016 National Research Coordinators, Riga, Latvia: "PIRLS 2016 IDB Analyzer Workshop."