

Curriculum Vitae

Personal information

First name(s) / Surname(s)	Dr. Diego Cortes
Professional e-mail	Diego.cortes@iea-hamburg.de
Work phone	+49 (0)40 48500 679
* Nationality	Mexican & German
* Date of birth	19/02/1985
* Gender	Male

Position / Organisation

Work experience

Dates	2022 – Present
Occupation or position held	Senior Sampling Statistician
Main activities and responsibilities	Survey methodologist Sampling statistician Data analyst Research on secondary analysis of ILSA
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg
Type of business or sector	Non-profit research organization

Dates	2018–2022
Occupation or position held	Sampling Statistician
Main activities and responsibilities	Survey methodology Research on secondary analysis of ILSA
Name of employer	Stichting IEA Secretariaat Nederland. IEA Hamburg
Type of business or sector	Non-profit research organization

Dates	2015–2018
Occupation or position held	Research Associate
Main activities and responsibilities	Lecturer at the faculty of Economics: Applied microeconometrics, Bachelor level Thesis supervision, Bachelor and Master level Research in the evaluation of educational policy
Name of employer	University of Mainz
Type of business or sector	University

* Other Professional Activities

Current	Sampling co-director of PISA 2029 Member of the American Statistical Association Reviewer for several academic journals
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Past
 Member of the IELS Consortium
 Member of the ICCS 2022 Joint Management Committee
 Member of the ICCS 2016 Joint Management Committee
 Member of the ICILS 2013 Joint Management Committee

Education and training

Dates	2016–2021
Title of qualification awarded	Doctorate
Principal subjects/occupational skills covered	Dissertation title: Three essays in economics of education using data from international large-scale assessments.
Name and type of organisation providing education and training	University of Mainz
Dates	2014–2015
Title of qualification awarded	Certificate in applied statistics
Principal subjects/occupational skills covered	Graduate courses
Name and type of organisation providing education and training	Pennsylvania State University
Dates	2010–2012
Title of qualification awarded	Master of Science in Economics
Principal subjects/occupational skills covered	Graduate courses
Name and type of organisation providing education and training	University of Hamburg
Dates	2004–2009
Title of qualification awarded	Bachelor in Finance and Administration
Principal subjects/occupational skills covered	Undergraduate courses
Name and type of organisation providing education and training	Instituto Tecnológico de Estudios Superiores de Monterrey, Campus Puebla

Personal skills and competences

Mother tongue(s)	Spanish
Other language(s)	English / German (intermediate)

Computer skills and
competences | R / STATA / SAS

Publications

Academic journals

- Cortes, D. (2026) Computer and information literacy in the production of education. *Studies in Educational Evaluation*, 89. <https://doi.org/10.1016/j.stueduc.2026.101601>
- Cortes D., Dominitz J., & Romero, M. (2025) Partial identification of mean achievement in ILSA studies with multi-stage stratified sampling designs and student non-participation. *Journal of the Royal Statistical Society: Series A*. <https://doi.org/10.1093/jrsssa/qnaf209>
- Cortes, D., Hastdet, D., and Meinck, S. (2025) Evaluating uncertainty: The impact of the sampling and assessment design. *Large-scale Assessment in Education*, 13, 14. <https://doi.org/10.1186/s40536-025-00250-1>
- Rožman, M., & Cortes, D. (2019). Expected political participation and demographic changes in Europe. Šolsko polje [The School Field], 2021(5-6), 63-78.
- Meinck S. and Cortes, D., Tieck, S. (2017) Exploring the risk of non-response bias in educational large scale assessments with school non-response questionnaires: A theoretical study. *Large Scale Assessment in Education*. 5(1).
- Caro D., and Cortes, D. (2012) Measuring Socioeconomic status: An illustration using data from PIRLS 2011. IERI Monograph Series.

Chapter in edited volumes

- Cortes, D. & Atasever, U. (2024) Weights and variance estimation. In Afana, Y., Brese, F., Kowolik, H., Cortes, D., & Schulz, W. Eds. 2024. ICCS 2022 User Guide for the International Database. Amsterdam IEA.
- Cortes, D. & Atasever, U. (2024) Sampling design and implementation. In Schulz W., Friedman, T. and Fraillon, J. Eds. 2024. ICCS 2022 Technical Report. Amsterdam IEA.
- Atasever, U. & Cortes, D. (2024) Weighting procedures. In Schulz W., Friedman, T. and Fraillon, J. Eds. 2024. ICCS 2022 Technical Report. Amsterdam IEA.
- Cortes D., Wild, J., Liaw, Y. L., Strietholt, R., & Meinck, S. (2021) Sample and non-response bias analysis. In Strietholt, R., Fraillon, J., Liaw, Y. L., Meinck, S., Wild, J. Eds. 2021. Changes in Digital Learning during a Pandemic – Findings from the ICILS Teacher Panel. Amsterdam IEA.
- Cortes D., Liaw, Y. L., Strietholt, R., Wild, J. & Meinck, S. (2021) Weights and variance estimation. In Strietholt, R., Fraillon, J., Liaw, Y. L., Meinck, S., Wild, J. Eds. 2021. Changes in Digital Learning during a Pandemic – Findings from the ICILS Teacher Panel. Amsterdam IEA.
- Cortés, D., Liaw, Y. L., Rožman, M. & Strietholt, R. (2021). Public and private secondary school: International variation in social composition, resources and student literacy from two international comparative studies. Background paper for Global Education Monitoring Report: Non-state actors in education. Paris: UNESCO.
- Meinck S., and Cortes, D. (2016). Weights and Variance Estimation in ICILS 2013. In Jung M. and Carstens, R. Eds. 2013. ICILS User Guide. Amsterdam IEA.

Work in Progress:

- Cortes, D., and Rozman M. (submitted) Schoolchildren's proximity to migration centers and their endorsement for equal rights to immigrants.
- Cortes, D., and van Ewijk, R. The hidden costs of the Mexican Drug War: The effect on students' school performance.
- Cortes D. Computer and information literacy in the production of education: Evidence from Chile.

Teaching experience

Workshops

- Workshop at the NIERI Institute "Analyzing IEA data with R". Tokyo, Japan (2024).
- Workshop at the IEA International Research Association "Analyzing IEA data with R". Dublin, Ireland (2023).

Workshop at the IEA International Research Association “Analyzing IEA data with R”. Dubai, UAE (2021).

Workshop “Secondary analysis using data from TALIS”. Haarlem, the Netherlands (2015).

Workshop at INEE “Secondary analysis using data from IEA studies”. Madrid, Spain (2013).

Workshop at CIES conference “Introduction to the concepts of complex sampling in large-scale assessments in education”. New Orleans, USA (2013).

Workshop at CIES conference “Analyzing data from IEA studies using R”. New Orleans, USA (2013).

Workshop at University of Bucharest “Secondary analysis using data from IEA studies”. Bucharest, Romania (2012).

Lectures

Lecture and tutorial on Applied Microeconometrics. Winter semester 2017. University of Mainz.

Bachelor seminar on using PISA data. Sommer Semester 2017. University of Mainz.

Lecture and tutorial on Applied Microeconometrics. Winter semester 2016. University of Mainz.

Bachelor seminar on measuring discrimination on grading. Sommer semester 2016. University of Mainz.

Bachelor seminar on using PISA data. Winter Semester 2015. University of Mainz.