

Pre-Conference Workshop 2022: Analyzing PIAAC and PIAAC-L data with Stata

March 22-23, 2022/ GESIS Mannheim

Lecturers: Guido Schwerdt (University of Konstanz) & Simon Wiederhold (Catholic University of Eichstätt-Ingolstadt)

Date: March 22-23, 2022

Place: GESIS, B6, 4-5, 68159 Mannheim

Content: The first part of the workshop will lay the conceptual foundation for the analysis of PIAAC and its longitudinal extension, PIAAC-L. In particular, participants will gain insights into how the data can be used to improve knowledge about the determinants and consequences of cognitive skills. Special emphasis will be on the possibilities of estimating causal effects. After this general discussion of the analysis potential of PIAAC and PIAAC-L, workshop participants will develop their methodological skills in analyzing the data in various applied sessions. Participants will acquire knowledge in both cross-sectional and panel data analyses. It is also discussed how regression results can be depicted graphically. In the second part of the workshop, participants can present their own research or research ideas with PIAAC/PIAAC-L data and receive detailed feedback on how to improve the analysis.

Data: PIAAC Public Use Files; German PIAAC Scientific Use File (doi: 10.4232/1.12660); PIAAC-L Scientific Use Files (doi: 10.4232/1.12925).

Software: Stata (at least basic knowledge is required)

Recommended reading: Maehler, D. & Rammstedt, B. (2020). *Large-scale cognitive assessment: Analyzing PIAAC data*. Series: Methodology of Educational Measurement and Assessment (MEMA). Springer: Cham. *Open access*

Procedure & Application

The PIAAC workshop welcome researchers from different disciplines interested to work or already working with PIAAC data (including supplement and longitudinal data on a national level). It is expected that the participants have good empirical knowledge and experience in Stata. The workshop comprises lectures and practical sessions covering the following elements: (a) Theoretical and methodological input from the lecturers (see description of contents above); (b) Opportunity for participants to present their own research or research ideas with PIAAC and/ or PIAAC-L data; (c) Discussion of the questions outlined in the workshop regarding the data used and methods as well as specific feedback from the lecturers.

Interested researchers are asked to apply with a short exposé (max. 1000 words) of their research questions based on the PIAAC/PIAAC-L data. The application also should include whether PIAAC or PIAAC-L data (or both) are used, name, institute/ university affiliation, and contact information. Please send your application with the respective subject “Workshop 2022 Analyzing PIAAC Data with Stata” to the Research Data Center PIAAC and register by **October 30, 2021**. Applications with an exposé have priority for participation in the workshop.

There will be no participation fees. The workshop will be limited to a maximum of 15 participants. In cases that workshop cannot take place at GESIS Mannheim, they will be conducted virtually. The confirmation of participation will be sent by November 30, 2021.

For any questions please contact the RDC PIAAC (fdz-piaac@gesis.org).