INSTITUTIONEN FÖR PEDAGOGIK OCH SPECIALPEDAGOGIK

QRM1808, Analys av longitudinella data i utbildningsvetenskaplig forskning, 7,5 högskolepoäng

Analysis of longitudinal data in educational research, 7.5 credits

Forskarnivå / Third-cycle level

Litteraturlista för QRM1808

Litteraturlistan är fastställd av Institutionen för pedagogik och specialpedagogik 2026-03-10, att gälla från och med vårterminen 2026.

Se litteraturlistan på nästa sida.

Literature list

Newsom, Jason T. (2023, 2nd ed.) Longitudinal Structural Equation Modeling. A Comprehensive Introduction. Routledge. (chapters 1 to 4, 7 and 14, ca 120 pages out of 522 Pages)

Heck, Ronald. H., Thomas, Scott. L, & Tabata, Lynn. N. (2014). *Multilevel and longitudinal modeling with IBM SPSS.* New York: Routledge. (Chapters 1, 2, 3, 5 and 6; 100 pages)

Geiser, C. (2021, Ch. 1). A Measurement Theoretical Framework for Longitudinal Data Introduction to Latent State–Trait Theory (15 pages). In (C. Geiser) *Longitudinal structural equation modeling with Mplus: A latent state–trait perspective*. The Guilford Press.

Software:

IBM SPSS - Statistical package for the social sciences, version 20 or later.
Most universities and colleges in Sweden offer SPSS to employees and students, either as a site-license or limited volume license.

Recommended: Mplus by Muthén, L. K., & Muthén, B. O. (1998-2018). Mplus: Statistical analysis with latent variables: User's guide. Los Angeles: Muthén & Muthén.
License and software: https://www.statmodel.com/

Alternative to Mplus: R Lavaan.