

Research on TALIS-Video beyond the initial policy report

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- Suggested IC research topics

In-depth research on teaching in 8 replications

- Structural models of teaching quality
 - a) within modes of assessment, b) across modes
- Teacher knowledge and constructivist beliefs
- Teaching quality mediating teacher (background/disposition) effects
 - Individual use of instruction mediating teaching quality effects
 - Differential effectiveness reg. gender, migration, low/high achievers
 - Additional practice indicators
 - Additional outcomes: different measures of self efficacy, self concept, teacher perception of goal achievement, student use of opportunities
 - Additional predictors (OTL, student prerequisites, teacher responsibility/enthusiasm/emotions, teacher collaboration, teacher autonomy)
 - Class level predictors (size, composition, heterogeneity,)

Comparative Education

- Findings on predictors of student outcomes: Universal vs country-specific factors (descriptively covered in initial report, but paper might elaborate theoretical context)
- Comparing structural models of teaching across countries
 - Multivariate comparative description of intended, implemented and achieved curriculum
 - Ranking of teaching goals by professional math teachers in cross-cultural comparison

Validating TALIS / PISA

- Predictive power of TALIS scales from TQA
- Predictive power of PISA Student perceptions of teaching from SQA
- Relating TALIS and PISA – Validating the TALIS-PISA-Link study

Methodological issues

- Training and evaluating raters across cultures
- Validating Tests: dimensionality, DIF (in relation to OTL), perceived difficulty/success
- Cross-cultural equivalence in measures of teaching from a) questionnaires, b) observations
- Previous vs current teacher as baseline
- Checking the impact of reactivity on videographing
- Controlling teacher effects for social desirability