OECD provides Cronbach’s alpha to ensure transparent scale reliability, these are included in table X,

1. IRT model generalized partial credit model (GPCM; Muraki, 1992) for the polytomous item responses were used ([SC](https://www.oecd.org/pisa/data/pisa2018technicalreport/Ch.09-Scaling-PISA-Data.pdf))

* Reliabilities: IRT – Measurement Invariance – Cronbach alpha – Weights - Estimators