**Codebook - Assignment**

“Data\_Assignment.xlsx” is a data file containing the cleaned scores of participants on the cognitive ability tests. Only the Z-scored versions of the variables were cleaned; the non-Z-scored variables are the original unaltered scores and still contain outliers, etc. These Z-scored variables do not necessarily have a mean of 0 anymore because data cleaning was performed on them, resulting in minor shifts of the distribution of scores.

Measures for the different Constructs

Working Memory Capacity

* Symmetry Span – Varname: SymSpanScore / SymSpanScore\_Z
* Rotation Span – Varname: RotspanPartialScore / RotspanPartialScore\_Z
* Reading Span- Varname: ReadSpanFacScore / ReadSpanFacScore\_Z
* Letter-Number Sequencing: LNSscore / LNSscore\_Z

Updating

* Spatial N-Back task – Varname: SpatialNback / SpatialNback\_Z
* Letter N-Back task – Varname: LetterNback / LetterNback\_Z
* Keep Track Task – Varname: Keeptrack / Keeptrack\_Z
* Tone Monitoring – Varname: ToneMonitoring / ToneMonitoring\_Z

Reasoning Ability

* Raven Advanced Progressive Matrices – Varname: Ravens / Ravens\_Z
* Cattell’s Culture Fair Test – Varname: Cattels / Cattels\_Z
* Letter Sets – Varname: LetterSets / LetterSets\_Z
* Number Series – Varname: NumSeries / NumSeries\_Z

Other Vars

* Subject = subject identifier
* uni = university data was collected at