

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