**Preprocessing Pipelines COG-ED**

1. Reaction times
   1. Transformation
      1. Raw
      2. Log
      3. Inverse
      4. Square-root
   2. Outliers
      1. No exclusion
      2. 2 SDs from the mean
      3. 3 SDs from the mean
      4. 0-200ms
   3. Post-error trials
      1. Excluded
      2. Not excluded
   4. Central measure
      1. Mean
      2. Median

->> H1a: Performance measured by signal detection d’ declines with increasing n-back level.

->> H1b: Performance measured by reaction time declines with increasing n-back level.

->> H2b: Subjective values decline with increasing n-back level, even after controlling for declining task performance measured by signal detection d’ and reaction time.

1. Subjective values
   1. Unsorted AUC aka normal AUC
   2. Sorted AUC
   3. Mean ascent
   4. Sum ascent
   5. Unsorted AUC x mean ascent
   6. Unsorted AUC x sum ascent
   7. „AUC“ like Westbrook

->> H3a: Subjective values predict individual NCS scores.