

## README file: ELOM (4&5)-D in South African Sign Language (SASL) – Dataset

### GENERAL INFORMATION

1. Title of Dataset: Early Learning Outcome Measure (ELOM) (4&5) in South African Sign Language - Dataset
2. Author Information:
  - Principal Investigator Contact Information
    - i. Name: Professor Alys Young
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3. Date of data collection: Quantitative data collection between March 2024 and April 2024.
4. Geographic location of data collection: South Africa, Gauteng Province.
5. Funder: Funded by The Medical Research Council (Grant Ref: MR/V034928/1).

### SHARING/ACCESS INFORMATION

1. Licenses/restrictions placed on the data: CC BY-NC 4.0  
Early Learning Outcome Measure (ELOM) (4&5) in South African Sign Language - Dataset © 2025 by Alys Young, Claudine Storbeck, Katherine Rogers, Robyn Swannack, Andrew Dawes, and Elizabeth Girdwood is licensed under CC BY-NC 4.0. To view a copy of this license, visit <https://creativecommons.org/licenses/by-nc/4.0/>
2. Links to publications that cite or use the data:  
Young, A., Storbeck, C., Rogers, K., Swannack, R., Dawes, A., & Girdwood, E. (2025). Adaptation and pilot testing of the Early Learning Outcome Measure (ELOM) (4&5) Years Assessment tool in South African Sign Language
3. Links to other publicly accessible locations of the data: None
4. Links/relationships to ancillary data sets: None
5. Was data derived from another source? No
6. Recommended citation for this dataset: Young, A., Storbeck, C., Rogers, K., Swannack, R., Dawes, A., & Girdwood, E. (2025). Early Learning Outcome Measure (ELOM) (4&5) in South African Sign Language - Dataset. University of Manchester. doi: 10.48420/28622990

## DATA & FILE OVERVIEW

1. File List: "ELOM (4&5)-D dataset PUBLIC". This de-identified dataset contains demographic data of the sample and responses from pilot field testing of those who gave consent to data sharing.
2. Additional related data collected that was not included in the current data package: None
3. Are there multiple versions of the dataset? No.

## METHODOLOGICAL INFORMATION

1. Description of methods used for collection/generation of data: Pilot field testing of the ELOM (4&5)-D on a sample of deaf children.
2. Methods for processing the data: the descriptive and statistical analyses were run in SPSS version 28.
3. 3. Instrument- or software-specific information needed to interpret the data: Quantitative data was processed using SPSS version 28.
4. Standards and calibration information, if appropriate:
5. Environmental/experimental conditions: Not applicable
6. Describe any quality-assurance procedures performed on the data: For the quantitative survey data set, including the standard instruments, data was edited as per the editors' regulation.
7. People involved with sample collection, processing, analysis and/or submission:
  - Professor Alys Young: analysis and submission.
  - Professor Claudine Storbeck: sample collection and processing
  - Dr Katherine Rogers: analysis
  - Robyn Swannack: sample collection and processing
  - Dr Andrew Dawes: analysis
  - Elizabeth Girdwood: processing

## DATA-SPECIFIC INFORMATION FOR:

1. CODEBOOK PUBLIC ELOM (4&5)-D in SASL
  - i. Number of variables: 82
  - ii. Number of cases/rows: 29 individuals
  - iii. Variable list (See "CODEBOOK PUBLIC ELOM (4&5)-D in SASL.pdf"):

PUBLICCodeID; Child\_sex\_w1; Child\_age\_w1; Home\_language; Deaf\_parents;  
 Degree\_deafness; Age\_deafness\_confirmed; Age\_amplification; hearing\_age;  
 score\_1\_w1; score\_2\_w1; score\_3\_w1; score\_4\_w1; domain\_1\_w1; score\_5\_w1;  
 score\_6\_w1; score\_7\_w1; score\_8\_w1; domain\_2\_w1; score\_9\_w1; score\_10\_w1;  
 score\_11\_w1; score\_12\_w1; score\_13\_w1; domain\_3\_w1; score\_14\_w1; score\_15\_w1;  
 score\_16\_w1; score\_17\_w1; domain\_4\_w1; score\_18\_w1; score\_19\_w1; score\_20\_w1;  
 score\_21\_w1; score\_22\_w1; score\_23\_w1; domain\_5\_w1; score\_w1; age\_group\_w1;  
 child\_sex\_w2; Child\_age\_w2; score\_1\_w2; score\_2\_w2; score\_3\_w2; score\_4\_w2;  
 domain\_1\_w2; score\_5\_w2; score\_6\_w2; score\_7\_w2; score\_8\_w2; domain\_2\_w2;  
 score\_9\_w2; score\_10\_w2; score\_11\_w2; score\_12\_w2; score\_13\_w2; domain\_3\_w2;  
 score\_14\_w2; score\_15\_w2; score\_16\_w2; domain\_4\_w2; score\_18\_w2; score\_19\_w2;  
 score\_20\_w2; score\_21\_w2; score\_22\_w2; score\_23\_w2; domain\_5\_w2; score\_w2;  
 age\_group\_w2; Zdomain\_1\_w1; Zdomain\_2\_w1; Zdomain\_3\_w1; Zdomain\_4\_w1;  
 Zdomain\_5\_w1; Zscore\_w1; Zdomain\_1\_w2; Zdomain\_2\_w2; Zdomain\_3\_w2;  
 Zdomain\_4\_w2; Zdomain\_5\_w2; Zscore\_w2

- iv. Missing data codes: If the data is missing this is marked as -999 on the data view.
- v. Specialized formats or other abbreviations used: None