

TAPS-4

Phonological Processing
Auditory Memory
Listening Comprehension



Technical Information

Normative Sample

- 2,023 individuals from ages 5 through 21.
- The normative sample was within 5% of the reported U.S. population in terms of major demographic characteristics.
- The normative sample included individuals with specific language impairment, learning disability, auditory processing disorder, ADHD, and hearing impairment.

Reliability

- Internal Consistency Coefficients were 0.80 to 0.89 for the Index Scores and 0.93 for TAPS-4 Overall Score.
- Test-Retest reliability coefficients ranged from 0.93 to 0.98 for the Index Scores and was 0.99 for the TAPS-4 Overall Score.
- Interrater Reliability coefficients ranged from 0.97 to 0.99 for the Processing Oral Directions Subtest, the Auditory Figure Ground Subtest, the Auditory Comprehension Subtest, and the Listening Comprehension Index.

Validity

- CELF-5 Receptive Language Index score significantly correlated with the scores for the Processing Oral Directions Subtest, Auditory Comprehension Subtest, the Listening Comprehension Index, and Overall Score ($r=0.68-0.80$).
- Confirmatory Factor Analysis showed the three-factor design of the TAPS-4 significantly fit the data ($CFI=0.969$).
- Matched-pairs comparison analyses showed individuals with a learning disability, specific language impairment, or hearing impairment had significantly lower scores on the TAPS-4 Overall Score than their matched peers.



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