

Supplemental Digital Content 3.—All individual and composite tests.

Overall Domain	Specific domain	Variable	Specific Scores	Score Range	Instrument
Global Cognitive Function	Intelligence	Full Scale Intelligence Quotient (IQ) Score	Composite score	40-160	WASI
		Vocabulary subtest	T-score	30-100	WASI
		Matrix Reasoning subtest	T-score	30-100	WASI
Attention	Attention	Attention/Concentration index (finger windows and number/letter subtests)	Composite score	55-145	WRAML-2
		Commissions	T-score	30-100	CPT-II
		Omissions	T-score	30-100	CPT-II
		Hit Reaction Time	T-score	30-100	CPT-II
		Hit Reaction Time Standard Error	T-score	30-100	CPT-II
		Variability	T-score	30-100	CPT-II
		Detectability	T-score	30-100	CPT-II
Memory and Learning	Verbal memory/learning	Verbal Memory Index (Story Memory and Verbal Learning subtests)	Composite score	55-145	WRAML-2
		Story Memory Delay Recall subtest	Scaled score	1-19	WRAML-2
		Verbal Learning Delay Recall Subtest	Scaled score	1-19	WRAML-2
		Delayed Verbal Recall composite (Story Memory Delay Recall and Verbal Learning Delay Recall subtests)	Composite score*	55-145	
		Story Memory Recognition subtest	Scaled score	1-19	WRAML-2
		Verbal Learning Recognition subtest	Scaled score	1-19	WRAML-2
		Verbal Recognition Composite (story memory recognition and verbal learning recognition subtests)	Composite score	55-145	WRAML-2
		Visual memory/learning	Design Memory subtest	Scaled score	1-19

		Design Recognition subtest	Scaled score	1-19	WRAML-2
Executive Function	Global executive function	Global Executive Composite	T-score	30-100	BRIEF
	Cognitive flexibility	Trail Making Test: Condition 1	Scaled score	1-19	D-KEFS Trail Making
		Trail Making Test: Condition 2	Scaled score	1-19	D-KEFS Trail Making
		Trail Making Test: Condition 3	Scaled score	1-19	D-KEFS Trail Making
		Trail Making Test: Condition 4	Scaled score	1-19	D-KEFS Trail Making
		Trail Making Test: Condition 5	Scaled score	1-19	D-KEFS Trail Making
	Planning, problem-solving	Total Achievement Score	Scaled score	1-19	D-KEFS Tower Test
	Planning, problem-solving	Perseverative Responses	T-score	<20->80	Wisconsin Card Sort
		Perseverative Errors	T-score	<20->80	Wisconsin Card Sort
Processing speed	Processing speed/automaticity related to reading	Rapid Symbolic Naming Composite (rapid digit and rapid letter naming subtests)	Composite score	46-130	CTOPP
Language	Expressive language	Boston Naming Test	Standard score	55-170	Boston Naming Test
		Category Fluency	Scaled score	1-19	D-KEFS Category Fluency
		Expressive language composite (Boston Naming Test and D-KEFs Category Fluency)	Composite score*	55-145	
Motor Abilities	Fine motor skills	Beery Motor Coordination	Standard Score	45-130	Beery
		Grooved Pegboard, dominant hand	Standard Score	45-130	Grooved Pegboard
		Grooved Pegboard, non-dominant hand	Standard Score	45-130	Grooved Pegboard
		Fine motor composite (Beery and Grooved Pegboard Dominant Hand)	Composite score*	55-145	
	Visual-Motor integration	Beery Visual-motor Integration (VMI)	Standard score	45-130	Berry
Visual-spatial abilities	Visual perception	Beery Visual Perception	Standard score	45-130	Berry
		Judgement of Line Orientation	Standard score	45-150	Judgement of Line Orientation

		Visual-spatial composite (Beery Visual Perception and Judgement of Line Orientation)	Composite score*	55-145	
Behavior	Internalizing problems	Internalizing Problems	T-score	20-100	CBCL
	Externalizing problems	Externalizing Problems	T-score	20-100	CBCL
	Total problems	Total Problems	T-score	20-100	CBCL
	ADHD problems	ADHD Problems	T-score	20-100	CBCL
Perceived learning difficulties	Mathematical difficulties	Math Scale	Z-score	-0.86-3.59	CLDQ
	Reading difficulties	Reading Scale	Z-score	-0.81-3.63	CLDQ

T score (mean = 50, standard deviation = 10); Scaled score (mean = 10, standard deviation = 3); Standard score (mean = 100, standard deviation = 15); Z score (mean = 0, standard deviation = 1). D-KEFS, Delis-Kaplan Executive Function System; WASI, Wechsler Abbreviated Scale of Intelligence; WRAML-2, Wide Range Assessment of Memory and Learning-Second Edition; CPT II, Connor's Continuous Performance Test II; CTOPP, Comprehensive Test of Phonological Processing; VMI, visual motor integration; ADHD, attention deficit hyperactivity disorder; BRIEF, Behavior Rating Inventory of Executive Function; CBCL, Child Behavior Checklist; CLDQ, Colorado Learning Difficulties Questionnaire.

*In addition to scores derived from the test developers, 4 study-specific composite scores were defined a priori from individual tests to increase the ability to detect effects when more than one instrument assessed a particular domain. Individual test scores were first converted to standard-scores using available normative data from either the test developers or available scientific literature. The individual standard-scores were then averaged to create an overall composite domain score.