

Appendix 4: Performed hearing/language/intelligence tests in children with DLD				
Test	Subtest	Domain	Age	Average range
Hearing				
Tonal audiometry		Hearing level	≥4 years	≤ 20 dB PTA (0.5-2 kHz)
VRA	- headphone - free field		7 months -3 years < 7 months	≤ 15 dB ≤ 25 dB ≤ 30 dB
BOA				*
ABR			≤1 year	≤ 20 dB
Language				
Schlichting test (TBQ)	-	Language perception	2-7 years	85-115
Schlichting test	Vocabulary (WQ)	Vocabulary	2-7 years	85-115
Clinical Evaluation of Language Fundamentals Version IV(CELF-IV)	Receptive language index (RTI)	Language perception	5-18 years	85-115
	Vocabulary (AW)	Vocabulary		
Development/intelligence				
Bayley Scales of Infant and Toddler Development (BSID)		developmental index cognitive scale	1-42 months	90-110
Snijders-Oomen Non-verbal Intelligence test (SON-R)		Non-verbal intelligence	2-7 years	90-110
Wechsler Non-Verbal Scale of Ability (WNV-NL)		Non-verbal intelligence	4-21 years	90-110
Wechsler Intelligence Scale for Children (WISC)		Intelligence general intellectual ability	6-18 years	90 – 109
Abbreviations: PTA; Pure tone average. dB; decibel. VRA; Visual reinforcement audiometry, BOA; behavioural observation audiometry, ABR; Auditory Brainstem evoked Responses. *limits for hearing levels by BOA testing for sufficient hearing to develop a normal speech and language were according to Williams and Wilkins (23);				