

# **Supplemental Material S1. Participant IQ and language measures.**

<b>All participants</b>	<b>N</b>	<b>General information</b>
School Placement	All	Enrollment in mainstream classroom
Hearing Status	All	Passed pure tone screening test administered by school personnel
Primary Spoken Language	All	Monolingual English speaker
Behavioral/Emotional Status	All	No formal diagnosis of emotional or behavior disorder
Race	114 DLD reporting	Distribution: White 85%, African American 3%, Latino 9%, Pacific Islander 2%, Native American Mixed 1%
	89 typical reporting	Distribution: White 95.5%, Latino 4%, Native American less than 1%
<b>Participants with DLD</b>	<b>n</b>	<b>General information</b>
Speech-Language Services	All	Enrollment in language intervention (pull out service delivery model)
<b>Individual Testing from various studies</b>		<b>Language testing to establish or document DLD</b>
Fujiki, Brinton, Morgan, & Hart (1999)	25	Current language testing in child's school file (CELF-R, TOLD-2 Primary, TOLD-2 Intermediate, combination of the PPVT-R, CELF, PLS-3, Language Processing Test)
Fujiki, Brinton & Clarke (2002)	38	CELF-R, TOLD-2
Fujiki, Spackman, Brinton, & Hall (2004)	43	CASL
Brinton, Spackman, Fujiki & Ricks (2007)	19	CASL, TOLD-P (for 1 participant)
Brinton, Fujiki, Quist Hurst, Rowberry Jones, & Spackman (2015)	22	CASL
Other	26	CASL, CELF-5
		<b>IQ Testing to Eliminate Intellectual Disability</b>
Fujiki et al. (1999)	25	Current testing in child's school file (WISC-R, WISC-III, WPPSI, Matrix Analogies Test, KABC, Leiter-R, Stanford-Binet Intelligence Scale-3rd Edition, Woodcock-Johnson)
Fujiki et al. (2002)	38	Current testing in child's school file; in cases where testing had not been done, the WISC-III was administered
Fujiki et al. (2004)	43	Current testing in child's school file (WISC-III, Matrix Analogies Test, KABC, Leiter-R, Stanford-Binet Intelligence Scale-4th Edition, Woodcock-Johnson); in cases where testing was not available the TONI-2 was administered

Brinton et al. (2007)	19	UNIT <sup>20</sup>
Brinton et al. (2015)	22	UNIT
Other	26	Current testing in the child’s school file (WISC-III, KABC, Woodcock-Johnson)

*Note.* CELF-R = Clinical Evaluation of Language Fundamentals–Revised (Semel, Wiig, & Secord, 1987); TOLD-2 Primary: Test of Language Development–2: Primary (Newcomer & Hammill, 1988); TOLD-2 Intermediate: Test of Language Development–2: Intermediate (Hammill & Newcomer, 1988); PPVT-R = Peabody Picture Vocabulary Test–Revised (Dunn & Dunn, 1981); CELI = Carrow Elicited Language Inventory (Carrow, 1974); PLS-3 = Preschool Language Scale–Third Edition (Zimmerman, Steiner, & Pond, 1992); Language Processing Test (Richard & Hanner, 1985); CASL = The Comprehensive Assessment of Spoken Language (Carrow-Woolfolk, 1999); CELF-5 = Clinical Evaluation of Language Fundamentals–5th (Wiig, Semel, & Secord, 2013); WISC-R = Wechsler Intelligence Scale for Children–Revised (Wechsler, 1974); WISC-III = Wechsler Intelligence Scale for Children–Third Edition (Wechsler, 1991); WPPSI = Wechsler Preschool and Primary Scale of Intelligence (Wechsler, 1998); Matrix Analogies Test (Naglieri, 1985); KABC = Kaufman Assessment Battery for Children (Kaufman & Kaufman, 1983); Leiter-R = Leiter International Performance Scale–Revised (Roid & Miller, 2002); Stanford-Binet Intelligence Scale–3rd Edition (Terman & Merrill, 1973); Woodcock-Johnson Psycho-Educational Battery–Revised (Woodcock, Johnson, & Mather, 1990); Stanford-Binet Intelligence Scale–4th Edition (Thorndike, Hagen, & Sattler, 1986); TONI-2 = Test of Nonverbal Intelligence–Second Edition (Brown, Sherbenou, & Johnsen, 1990); UNIT = Universal Nonverbal Intelligence Test (Bracken & McCallum, 1998).

## References

- Bracken, B. A., & McCallum, R. S. (1998). *Universal Nonverbal Intelligence Test*. Itasca, IL: Riverside Publishing.
- Brown, L., Sherbenou, R. J., & Johnsen, S. K. (1990). *Test of Nonverbal Intelligence*. Austin, TX: Pro-Ed.
- Carrow, E. (1974). *Elicited Language Inventory*. Austin, TX: Learning Concepts.
- Carrow-Woolfolk, E. (1999). *The Comprehensive Assessment of Spoken Language*. Moline, IL: Linguisticsystems.
- Dunn, L. M., & Dunn, L. M. (1981). *Peabody Picture Vocabulary Test–Revised*. Circle Pines, MN: American Guidance Service.
- Hammill, D. D., & Newcomer, P. L. (1988). *Test of Language Development–2: Intermediate*. Austin, TX: Pro-Ed.
- Kaufman, A. S., & Kaufman, N. L. (1983). *Kaufman Assessment Battery for Children*. Hoboken, NJ: Wiley Online Library.
- Naglieri, J. A. (1985). *Matrix Analogies Test: Expanded form*. Columbus, OH: Merrill.
- Newcomer, P. L., & Hammill, D. D. (1988). *Test of Language Development– 2: Primary*. Austin, TX: Pro-Ed.
- Richard, G. J., & Hanner, M. A. (2005). *Language Processing Test: Elementary*. East Moline, IL: Linguisticsystems.
- Roid, G. H., & Miller, L. J. (2002). *Leiter-R: Leiter International Performance Scale–Revised*. Wood Dale, IL: Stoelting.
- Semel, E., Wiig, E., & Secord, W. (1987). *Clinical Evaluation of Language Fundamentals–Revised*. San Diego, CA: Psychological Corp.
- Terman, L. M., & Merrill, M. A. (1973). *Stanford-Binet Intelligence Scale: Manual for the Third Revision Form*. Boston, MA: Houghton Mifflin.
- Thorndike, R. L., Hagen, E. P., & Sattler, J. M. (1986). *Stanford-Binet Intelligence Scale*. Rolling Meadows, IL: Riverside Publishing Company.
- Wechsler, D. (1974). *WISC-R, Wechsler Intelligence Scale for Children, Revised*. New York, NY: Psychological.
- Wechsler, D. (1989). *Wechsler Preschool and Primary Scale of Intelligence–Revised*. San Antonio, TX: Psychological Corporation.
- Wechsler, D. (1991). *WISC-III: Wechsler Intelligence Scale for Children*. San Antonio, TX: Psychological, Harcourt Brace Jovanovich.
- Wechsler, D. (2004). *WISC-IV: Wechsler Intelligence Scale for Children: Technical and Interpretive Manual*. San Antonio, TX: Psychological Corporation.
- Wechsler, D., Coalson, D. L., & Raiford, S. E. (1997). *WAIS-III: Wechsler Adult Intelligence Scale*. San Antonio, TX: Psychological Corporation.
- Wiig, E. H., Secord, W. A., & Semel, E. (2013). *Clinical Evaluation of Language Fundamentals–5th Edition: CELF-5*. Toronto, Canada: Pearson.
- Woodcock, R. W., Johnson, M. B., & Mather, N. (1990). *Woodcock-Johnson Psycho-Educational Battery–Revised*. Rolling Meadows, IL: Riverside.
- Zimmerman, I. L., Steiner, V. G., & Pond, R. E. (1992). *PLS-3: Preschool Language Scale-3*. San Antonio: The Psychological Corporation/Harcourt Brace Jovanovich.