

Supplemental Material S1. Participant descriptions.

Demographic characteristics and test scores of the developmental language disorder (DLD) and normal development (ND) groups in Study 1:

Domain	Measurement tool	DLD <i>M (SD)</i>	ND <i>M (SD)</i>	Unit of measure	Normative <i>M (SD)</i>	<i>p</i>	Cohen's <i>d</i>
Age	Self-report	250 (16)	250 (20)	Months		.86	
Education	Self-report	13.8 (1.4)	14.2 (1.5)	Years		.56	
Nonverbal IQ	KBIT	100 (14.2)	111 (12.3)	Standard score	100 (15)	< .0001	-0.83
Spelling	*Nonstandardized probe	4.9 (2.9)	11.6 (2.8)	Raw score out of 15		< .0001	-2.35
Sentence comprehension	Token Test	35 (4.8)	41 (2.6)	Raw score out of 44		< .0001	-1.55
Phonological memory	**Nonstandardized probe	87 (5.0)	91 (4.6)	Raw score out of 96		< .0001	-0.83
Sentence memory	Sentence Recall from CELF-3	9 (2.9)	12 (2.1)	Standard score	10 (3)	< .0001	-1.18
Receptive vocabulary	PPVT-4	102 (11.3)	113 (12.40)	Standard score	100 (15)	< .0001	-0.93
Expressive vocabulary	EVT-2	108 (12.0)	120 (11.4)	Standard score	100 (15)	< .0001	-1.03
Defining vocabulary	Word Definition from CELF-4	12 (2.3)	14 (1.4)	Scaled score	10 (3)	< .0001	-1.05

Note. KBIT = Kaufman Brief Intelligence Test (Kaufman & Kaufman, 2004); CELF-3 = Clinical Evaluation of Language Fundamentals–Third Edition (Semel, Wiig, & Secord, 1995); PPVT-4 = Peabody Picture Vocabulary Test–Fourth Edition (Dunn & Dunn, 2007); EVT-2 = Expressive Vocabulary Test–Second Edition (Williams, 2007). *Fidler, Plante, & Vance (2011). **Dollaghan & Campbell (1998).

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Number of participants in the DLD and ND groups by gender, ethnicity, and race in Study 1:

Variable		DLD	ND
Gender	Male	29	30
	Female	30	30
Ethnicity	Hispanic/Latino	1	3
	Not Hispanic/Latino	44	53
	Not reported	14	4
Race	African American	3	1
	American Indian/Alaska Native	0	1
	Asian	1	4
	Caucasian	50	51
	More than one race	5	1
	Not reported	0	2

Demographic characteristics and test scores of the DLD and ND groups in Study 2:

Domain	Measurement tool	DLD <i>M (SD)</i>	ND <i>M (SD)</i>	Unit of measure	Normative <i>M (SD)</i>	<i>p</i>	Cohen's <i>d</i>
Age	Self-report	248 (22)	252 (21)	Months		.58	
Education	Self-report	13.8 (1.5)	14.4 (1.9)	Years		.26	
Nonverbal IQ	KBIT	103 (12.8)	109 (10.3)	Standard score	100 (15)	.12	
Spelling	*Nonstandardized probe	4.8 (2.4)	12.1 (2.2)	Raw score out of 15		< .0001	-3.17
Sentence comprehension	Token Test	36 (4.4)	40 (2.2)	Raw score out of 44		< .0001	-1.15
Phonological memory	**Nonstandardized probe	87 (4.4)	90 (3.0)	Raw score out of 96		.001	-0.80
Sentence memory	Sentence recall from CELF-3	9 (2.7)	11 (2.1)	Standard score	10 (3)	.003	-0.83
Receptive vocabulary	PPVT-4	101 (11.3)	117 (12.40)	Standard score	100 (15)	< .0001	-1.35
Expressive vocabulary	EVT-2	108 (11.7)	120 (11.9)	Standard score	100 (15)	.0009	-1.02
Defining vocabulary	Word definition from CELF-4	13 (1.6)	14 (1.0)	Scaled score	10 (3)	.014	-0.75

Note. KBIT = Kaufman Brief Intelligence Test (Kaufman & Kaufman, 2004); CELF-3 = Clinical Evaluation of Language Fundamentals–Third Edition (Semel, Wiig, & Secord, 1995); PPVT-4 = Peabody Picture Vocabulary Test–Fourth Edition (Dunn & Dunn, 2007); EVT-2 = Expressive Vocabulary Test–Second Edition (Williams, 2007). *Fidler, Plante, & Vance (2011). **Dollaghan & Campbell (1998).

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Williams, K. T. (2007). *Expressive Vocabulary Test—Second Edition*. San Antonio, TX: Pearson.

Number of participants in the DLD and ND groups by gender, ethnicity, and race in Study 2:

Variable		DLD	ND
Gender	Male	11	11
	Female	12	13
Ethnicity	Hispanic/Latino	3	3
	Not Hispanic/Latino	16	18
	Not reported	4	3
Race	African American	2	1
	American Indian/Alaska Native	1	0
	Asian	0	0
	Caucasian	19	21
	More than one race	0	2
	Not reported	1	0