

Supplemental Material S5. Effect of stimuli characteristics.

Tasks	Scoring method	Length	η^2	Length \times Disorder	Phonological complexity	η^2	Phonological complexity \times Disorder
French NWR	word	$F(1, 59) = 22.79$, $p < .001^{***}$	.279	$F(1, 59) = 2.31$, $p = .133$	$F(1.7, 100.4) = 25.97$, $p < .001^{***}$	.306	$F(1.7, 100.4) = 15.75$, $p < .001^{***}$
French NWR	phoneme	$F(1, 59) = 21.44$, $p < .001^{***}$	.267	$F(1, 59) = 8.98$, $p = .004^{**}$	$F(1.64, 97.21) = 9.75$, $p < .001^{***}$	.142	$F(1.64, 97.21) = 6.53$, $p = .002^{**}$
Portuguese NWR	word	$F(1.8, 49.1) = 4.59$, $p = .018^*$	.141	$F(1.8, 49.1) = 1.58$, $p = .217$	$F(1.7, 47.8) = 22.34$, $p < .001^{***}$	.444	$F(1.7, 47.8) = 3.82$, $p = .035^*$
Portuguese NWR	phoneme	$F(1.8, 52.1) = 5.97$, $p = .005^{**}$	.176	$F(1.8, 52.1) = 1.84$, $p = .171$	$F(1.5, 44.1) = 33.85$, $p < .001^{***}$	.547	$F(1.5, 44.1) = 7.26$, $p = .004^{**}$
CL NWR	word	$F(2.5, 152.9) = 26.23$, $p < .001^{***}$	.308	$F(2.5, 152.9) = 5.20$, $p = .003^{**}$	/	/	/
CL NWR	phoneme	$F(1.28, 75.74) = 39.36$, $p < .001^{***}$	.400	$F(1.28, 75.74) = 9.41$, $p = .001^{***}$	/	/	/

Note. $N = 61$ ($n = 31$ children with a DLD and 30 children with a TD / $n = 30$ bilingual children and 31 monolingual children). The repetition tasks are taken from the Exalang (Thibault & Helloin, 2010) and Palpa-p (Castro et al., 2007) test batteries. NWR = nonword repetition task; CL = crosslinguistic; η^2 = partial eta-squared.

* $p < .05$. ** $p < .01$. *** $p < .001$.