

**Supplemental Material S1.** Additional model results for the word form outcome.

Fixed effects	Model C			Model D			Model E			Model F		
	b	95% CI		b	95% CI		b	95% CI		b	95% CI	
Group (DLD vs. TD)	-0.78	-2.49	0.94	-1.49	-3.87	0.89	-0.60	-2.36	1.16	-1.31	-3.72	1.11
Condition (RR vs. RS)	2.83	1.12	4.53	2.82	1.19	4.46	3.00	1.25	4.75	3.00	1.31	4.69
Time (1wk vs. 5min)	-0.48	-1.18	0.23	-0.48	-1.20	0.25	-0.30	-1.12	0.52	-0.30	-1.14	0.54
Group x Time	0.45	-0.36	1.26	0.45	-0.41	1.31	0.10	-1.05	1.25	0.08	-1.14	1.29
Cond x Time	0.05	-0.76	0.86	0.05	-0.80	0.91	-0.30	-1.45	0.85	-0.30	-1.48	0.88
Group x Cond.	-0.55	-2.89	1.79	-0.07	-2.37	2.23	-0.90	-3.38	1.58	-0.44	-2.90	2.01
Group x Cond. x Time							0.70	-0.93	2.33	0.74	-0.97	2.46
PPVT-4				-0.04	-0.12	0.05				-0.04	-0.12	0.05
Mother's education				0.05	-0.35	0.46				0.05	-0.35	0.46
Intercept	3.39	2.16	4.62	6.70	-4.54	17.96	3.30	2.05	4.55	6.62	-4.63	17.87
<b>Random effects</b>	$\sigma^2$			$\sigma^2$			$\sigma^2$			$\sigma^2$		
Condition	6.280	2.98	13.25	5.61	2.56	12.28	6.26	2.97	13.24	5.59	2.55	12.28
Intercept	3.184	1.51	6.71	3.53	1.57	7.92	3.18	1.51	6.71	3.52	1.57	7.92

*Note.*  $N = 20$ , observations = 80. Effects with 95% confidence intervals (CI) that do not include 0 are statistically significant at  $\alpha = 0.05$ . Sample sizes for models with covariates (Model D, Model F) = 19 children and 76 repeated observations. DLD = developmental language disorder; TD = typically developing; RR = repeated retrieval; RS = repeated study; Cond. = condition; PPVT-4 = Peabody Picture Vocabulary Test–Fourth Edition (PPVT-4; Dunn & Dunn, 2007).

**Reference**

Dunn, L., & Dunn, D. (2007). *Peabody Picture Vocabulary Test–Fourth Edition (PPVT-4)*. Minneapolis, MN: AGS/Pearson.