

Supplemental Material S8
Statistical Analysis: Cluster Comparison

Variable	One-way ANOVA after Bonferroni post hoc tests (p-Value)									
	TLD Cluster ^a vs. SAT-A Cluster ^b	TLD Cluster vs. SAT-RT Cluster ^c	TLD Cluster vs. FORM Cluster ^d	TLD Cluster vs. LEV Cluster ^e	SAT-A Cluster vs. SAT-RT Cluster	SAT-A Cluster vs. FORM Cluster	SAT-A Cluster vs. LEV Cluster	SAT-RT Cluster vs. FORM Cluster	SAT-RT Cluster vs. LEV Cluster	FORM Cluster vs. LEV Cluster
Variables used to define the clusters										
picture naming	.001**	< .001***	< .001***	< .001***	1.000	.009**	< .001***	.001**	< .001***	< .001***
LDT accuracy (acc)	1.000	< .001***	.317	.001**	< .001***	1.000	.007**	.001**	1.000	.420
LDT reaction time (rt)	< .001***	.048*	< .001***	1.000	< .001***	.416	.001**	< .001***	.494	< .001***
RNT acc	1.000	< .001***	< .001***	.002**	< .001***	< .001***	.004**	.020*	1.000	.029*
RNT rt	< .001***	1.000	.002**	1.000	< .001***	< .001***	< .001***	.001**	1.000	.116
Other variables										
word-picture matching	1.000	.825	.001**	.007**	1.000	.099	.163	.103	.187	1.000
nonword repetition task	.779	.848	< .001***	.116	1.000	.035*	1.000	.008**	1.000	1.000

Note. TLD = typical lexical development. SAT – A = speed-accuracy trade-off in favor of accuracy. SAT – RT = speed-accuracy trade-off in favor of reaction time. FORM = word form difficulties. LEV = limited expressive vocabulary. LDT = lexical decision task. RNT = rapid naming task. acc = accuracy. rt = reaction time.

^an = 69. ^bn = 26. ^cn = 41. ^dn=17 ^en = 9

p* < .05, *p* < .01, ****p* < .001