

Supplemental Material S3. Growth curve model parameter estimates: productive finite verb morphology composite (FVMC).

Parameter	Term	Model A <i>UM</i>	Model B1 <i>UG-Ln: Fixed</i>	Model B2 <i>UG-Ln: Random</i>	Model C1 <i>UG-Qd: Fixed</i>	Model C2 <i>UG-Qd: Linear random</i>	Model C3 <i>UG-Qd: Quadratic random</i>	Model C4 <i>UG-Qd: Random</i>
<i>Fixed effects: γ</i>								
Intercept	γ_{00}	.784***	.668***	NC	.655***	.646***	NC	NC
Linear slope	γ_{10}		.073***	NC	.108**	.115**	NC	NC
Quadratic slope	γ_{20}			NC	-.011	-.013	NC	NC
<i>Variance components: σ</i>								
L1: Within-person variance	σ_e^2	.025***	.017***	NC	.017***	.013***	NC	NC
L2: B/w-person intercept	σ_0^2	.008**	.010**	NC	.010**	.033**	NC	NC
L2: B/w-person linear slope	σ_1^2			NC		.002	NC	NC
L2: B/w-person quadratic slope	σ_2^2			NC			NC	NC
Covariance (σ_0^2, σ_1^2)	σ_{01}			NC		-.008*	NC	NC
Covariance (σ_0^2, σ_2^2)	σ_{02}			NC			NC	NC
Covariance (σ_1^2, σ_2^2)	σ_{12}			NC			NC	NC

Parameter	Term	Model A <i>UM</i>	Model B1 <i>UG-Ln: Fixed</i>	Model B2 <i>UG-Ln: Random</i>	Model C1 <i>UG-Qd: Fixed</i>	Model C2 <i>UG-Qd: Linear random</i>	Model C3 <i>UG-Qd: Quadratic random</i>	Model C4 <i>UG-Qd: Random</i>
<i>Proportion variance reduction</i>								
L1: Within-person variance	R_e^2		32%	NC	32%	48%	NC	NC
<i>Goodness-of-fit</i>								
	-2LL	-87.4	-129.1***	NC	-130.2	-145.7**	NC	NC

Note. UM = unconditional means; UG = unconditional growth; Ln = linear; Qd = quadratic; NC = nonconverging model; L1 = Level-1 variance; L2 = Level-2 variance; B/w-person = between-person; -2LL = -2 log-likelihood deviance statistic.

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