

**Supplemental Material S2.** Growth curve model parameter estimates: adapted 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>	<b>Model C2</b> <b><i>UG-Qd: Linear random</i></b>	Model C3 <i>UG-Qd: Quadratic random</i>	Model C4 <i>UG-Qd: Random</i>
<i>Fixed effects: <math>\gamma</math></i>								
Intercept	$\gamma_{00}$	.743***	.632***	.626***	.611***	<b>.601***</b>	NC	NC
Linear slope	$\gamma_{10}$		.070***	.072***	.124***	<b>.132***</b>	NC	NC
Quadratic slope	$\gamma_{20}$				-.017	<b>-.019*</b>	NC	NC
<i>Variance components: <math>\sigma</math></i>								
L1: Within-person variance	$\sigma_{\epsilon}^2$	.024***	.016***	.012***	.015***	<b>.011***</b>	NC	NC
L2: B/w-person intercept	$\sigma_0^2$	.007*	.009**	.026**	.009**	<b>.027**</b>	NC	NC
L2: B/w-person linear slope	$\sigma_1^2$			.002		<b>.002</b>	NC	NC
L2: B/w-person quadratic slope	$\sigma_2^2$							
Covariance ( $\sigma_0^2, \sigma_1^2$ )	$\sigma_{01}$			-.007*		<b>-.007*</b>	NC	NC
Covariance ( $\sigma_0^2, \sigma_2^2$ )	$\sigma_{02}$						NC	NC
Covariance ( $\sigma_1^2, \sigma_2^2$ )	$\sigma_{12}$						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>	<b>Model C2</b> <b><i>UG-Qd: Linear random</i></b>	Model C3 <i>UG-Qd: Quadratic random</i>	Model C4 <i>UG-Qd: Random</i>
<i>Proportion variance reduction</i>								
L1: Within-person variance	$R_{\epsilon}^2$		33%	50%	38%	<b>54%</b>	NC	NC
<i>Goodness-of-fit</i>								
-2LL		-97.7	-138.7***	-148**	-141.4	<b>-151.9**</b>	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.

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