

**Supplemental Material S4.** Full LMER summary table, reporting the reference level of the factors trial and Condition, the model estimate, standard error of the estimate, degrees of freedom for the fixed factor, and the *t*- and *p*-values.

Fixed Effect	Cond Ref. = AV Full					Cond Ref. = AV Mouth				
	Est.	Std. Err.	df	<i>t</i>	Pr(>  <i>t</i>  )	Est.	Std. Err.	df	<i>t</i>	Pr(>  <i>t</i>  )
Intercept†	43.069	2.182	198.802	19.739	< .0001***	43.806	2.182	198.802	20.077	< .0001***
AV Mouth	0.7361	2.550	145	0.289	.773					
AV Block	-37.736	2.550	145	-14.797	< .0001***	-38.472	2.550	145.000	-15.086	< .0001***
AV Still	-39.208	2.550	145	-15.375	< .0001***	-39.944	2.550	145.000	-15.663	< .0001***
AV Eyes	-37.583	2.550	145	-14.737	< .0001***	-38.319	2.550	145.00	-15.026	< .0001***
Trial – Linear††	589.533	46.570	8784.913	12.659	< .0001***	589.026	46.537	8784.145	12.657	< .0001***
Trial – Quad.††	-142.327	46.524	8783.838	-3.059	.002**	-237.660	46.560	8784.661	-5.104	< .0001***
AV Mouth: Trial – Linear	-0.507	65.859	8784.889	-0.008	.994					
AV Block: Trial – Linear	-548.703	65.909	8785.711	-8.325	< .0001***	-548.196	65.815	8784.162	-8.329	< .0001***
AV Still: Trial – Linear	-558.650	65.923	8785.944	-8.474	< .0001***	-558.143	65.862	8784.938	-8.474	< .0001***
AV Eyes: Trial – Linear	-492.163	65.780	8783.585	-7.482	< .0001***	-491.656	65.828	8784.381	-7.469	< .0001***
AV Mouth: Trial – Quad	-95.333	65.859	8784.883	-1.448	.148					
AV Blocked: Trial – Quad	73.695	65.795	8783.830	1.120	.263	169.028	65.861	8784.925	2.566	.010*
AV Still: Trial – Quad	95.749	65.819	8784.223	1.455	.146	191.082	65.847	8784.693	2.902	.004*
AV Eyes: Trial - Quad	144.488	65.896	8785.499	2.193	.028*	239.821	65.868	8785.039	3.641	.0002***
Model Syntax: lmer(accuracy ~ Condition + poly(trial, 2) + (1   participant : Condition) + (1   sentence) + Condition : poly(trial, 2))										

Fixed Effect	Cond Ref. = AV Block					Cond Ref. = AV Still				
	Est.	Std. Err.	df	t	Pr(> t )	Est.	Std. Err.	df	t	Pr(> t )
Intercept	5.333	2.182	198.802	2.444	.015*	3.861	2.182	198.801	1.770	.078
AV Still	-1.472	2.550	145.000	-0.577	.565					
AV Eyes	0.153	2.550	145.000	0.060	.952	1.625	2.550	145.000	0.637	.525
Trial – Linear	40.830	46.590	8785.373	0.876	.381	30.883	46.594	8785.452	0.663	.507
Trial – Quad.	-68.632	46.565	8784.782	-1.474	.141	-46.578	46.594	8784.452	-1.001	.317
AV Still: Trial – Linear	-9.947	65.899	8785.551	-0.151	.880					
AV Eyes: Trial – Linear	56.540	65.854	8784.808	0.859	.391	66.487	65.841	8784.594	1.010	.313
AV Still: Trial – Quad	22.054	65.854	8784.803	0.335	.737					
AV Eyes: Trial - Quad	70.793	65.893	8785.460	1.074	.283	48.739	65.843	8784.620	0.740	0.146
Model Syntax: lmer(accuracy ~ Condition + poly(trial, 2) + (1   participant : Condition) + (1   sentence) + Condition : poly(trial, 2))										

† Intercept value reflect mean performance across all trials, with a significant effect indicating that the mean differs from 0.

†† Reflects the interaction between linear or quadratic effects and the Condition reference.

\* Significant at the .05 level.

\*\*\* Significant at the .0001 level.