

### Supplemental Material S3. Aims 1–2 model output.

```
glmer(cbind(successes,failures) ~ condition * session +
(1 + session | subject) + (1 + condition | sentence) + (1 | observations)
```

*Notes:* Condition was coded with two orthogonal contrasts, and session was centered.

#### Random effects:

<i>Groups</i>	<i>Name</i>	<i>Variance</i>	<i>Std.Dev.</i>	<i>Corr</i>	
observations	(Intercept)	1.01023	1.0051		
sentence	(Intercept)	0.60928	0.7806		
	conditioncontrol_vs_rhythm	0.05561	0.2358	0.27	
	conditionmetron_vs_wordstress	0.48445	0.6960	-0.01	0.04
participant	(Intercept)	2.60161	1.6129		
	session	0.04799	0.2191	-0.19	

*Number of obs:* 1943, *groups:* obs, 1943; sentence, 30; participant, 13

#### Fixed effects:

	<i>Estimate</i>	<i>Std. Error</i>	<i>z value</i>	<i>Pr(&gt; z )</i>
(Intercept)	-1.16502	0.47087	-2.474	0.0134 *
conditioncontrol_vs_rhythm	0.02866	0.08094	0.354	0.7232
conditionmetron_vs_wordstress	0.04145	0.15030	0.276	0.7827
session	0.40563	0.06562	6.181	6.36e-10 ***
conditioncontrol_vs_rhythm:session	0.11858	0.04805	2.468	0.0136 *
conditionmetron_vs_wordstress:session	-0.01021	0.05626	-0.181	0.8560