Appendix Supporting Information 3

Table Appendix S3. ANOVA analysis comparing alternative models to baseline models

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**Alternative** **Baseline Alternative X2  *df p***

**Model AIC**  **AIC**

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Pause location – WM 1296.00 1294.50 7.49 3 0.05t

Pause location – LD 1296.00 1297.00 0.27 1 0.60

Pause location\*Language – WM 1300.80 1301.00 1.76 1 0.18

Pause location\*Language – LD 1300.80 1302.50 0.27 1 0.60

R-bursts -- WM 787.80 785.46 4.34 1 0.03\*

R-bursts – LD 787.80 785.35 4.45 1 0.03\*

R-bursts\*Language – WM 783.03 786.98 0.05 2 0.97

R-bursts\*Language – LD 783.03 786.87 0.16 2 0.92

Word revisions – WM 1695.20 1696.80 0.44 1 0.51

Word revisions – LD 1695.20 1693.30 3.92 1 0.04\*

Word revisions\*Language – WM 1697.20 1697.20 4.02 2 0.13

Word revisions\*Language – LD 1697.20 1700.10 1.12 2 0.57

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*Note.* AIC = akaike information criterion; WM = working memory; LD = language dominance; t = marginally significant