**Figure 3–source data 2: Comparison of pooled model (PM) and linear mixed model (LMM) for MSTd**

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| 　 | **Model values** |
| β | p | SE | AIC | BIC |
| **Vestibular** | **PM** | 6.14 | 0.019 \* | 2.26 | 122 | 124 |
| **LMM** | 7.03 | 0.029 \* | 2.64 | 128 (+6) | 132 (+8) |
| **Visual** | **PM** | 2.13 | 0.003 \*\* | 0.68 | 437 | 443 |
| **LMM** | 2.93 | 0.033 \* | 1.33 | 442 (+5) | 455 (+12) |

Model values: β (the regression coefficient between neuronal and perceptual shifts), associated p-value and standard error (SE) of β. AIC: Akaike Information Criterion. BIC: Bayesian information criterion. Lower (AIC and BIC) values indicate a preferred model, within a given condition (vestibular or visual). Values in parenthesis indicate the difference (LMM − PM). \*\* p < 0.01; \* p < 0.05.