

Writing up LMM Results

- The analyses were carried out using the *lme4* package (Bates, Maechler, Bolker, & Walker, 2017) to fit the linear mixed models for the reading time measure in R (R Development Core Team, 2017). The *glmer* function in the *lme4* package with Laplace approximation was used for the Re-reading measure. Below we report regression coefficients (b), standard errors, and *t*-values (for duration measures). Restricted maximum likelihood estimation was used for the reporting of linear mixed model parameters.
- Then you'll report the descriptive statistics and the parameter estimates...

LMMs for a 2 x 2 Repeated Measures Design

- Now let's take a 2 x 2 repeated measures design. We measured people's eye movements as they read either positive or negative information. Prior context set up expectations that the story was likely to continue with positive vs. negative information.
- Factor 1 is Context (Positive vs. Negative)
- Factor 2 is Sentence Type (Positive vs. Negative)