

\$contrasts

contrast		estimate	SE	df	t.ratio	p.value
Negative, Negative - Positive, Negative		-153.37807	50.68254	20.94	-3.026	0.0064
Negative, Negative - Negative, Positive		-120.56791	92.61292	30.57	-1.302	0.2027
Negative, Negative - Positive, Positive		-105.21905	92.22803	29.04	-1.141	0.2633
Positive, Negative - Negative, Positive		32.81016	97.35194	31.48	0.337	0.7383
Positive, Negative - Positive, Positive		48.15902	97.23988	26.58	0.495	0.6245
Negative, Positive - Positive, Positive		15.34886	62.02003	27.31	0.247	0.8064

- The two key comparisons reveal that Positive sentences are read no more quickly after Positive than after Negative context (1579 vs. 1595 ms.) while Negative Sentences are read more quickly after Negative than after Positive contexts (1474 vs. 1627 ms.)
- Note, the estimates in each contrast pairing corresponds to the difference between the comparison conditions for that pair.

- If we had re-reading (i.e., regression) data, we would also have to run an analysis using the *glmer* function on those data. The code would look like:

```
model.full <- glmer(Regressions ~ Context * Sentence + (1 + Context * Sentence |  
Subject) + (1 + Context * Sentence | Item), data = RO, family = binomial)
```

- To generate the pairwise comparisons (and to report the descriptives using the original measurement scale), we would use:

```
emmeans(model.full, pairwise ~ Context * Sentence, adjust = "none", type =  
"response")
```

- If we did not set the `type` parameter, then the descriptives would be on a log odds ratio scale (and harder to interpret).