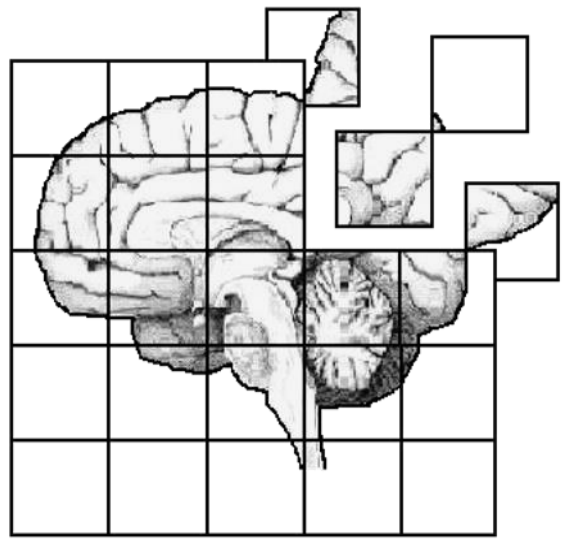


The contribution of meaning to the detection of task conflict



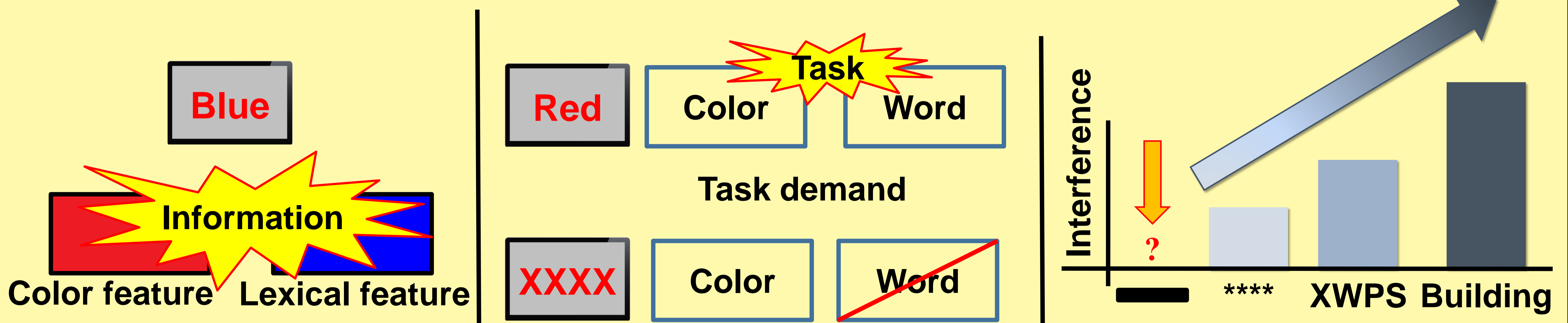
Ronen Hershman¹, Yulia Levin¹, Joseph Tzelgov^{1,2}, & Avishai Henik¹

¹Ben-Gurion University of the Negev, Beer-Sheva, Israel

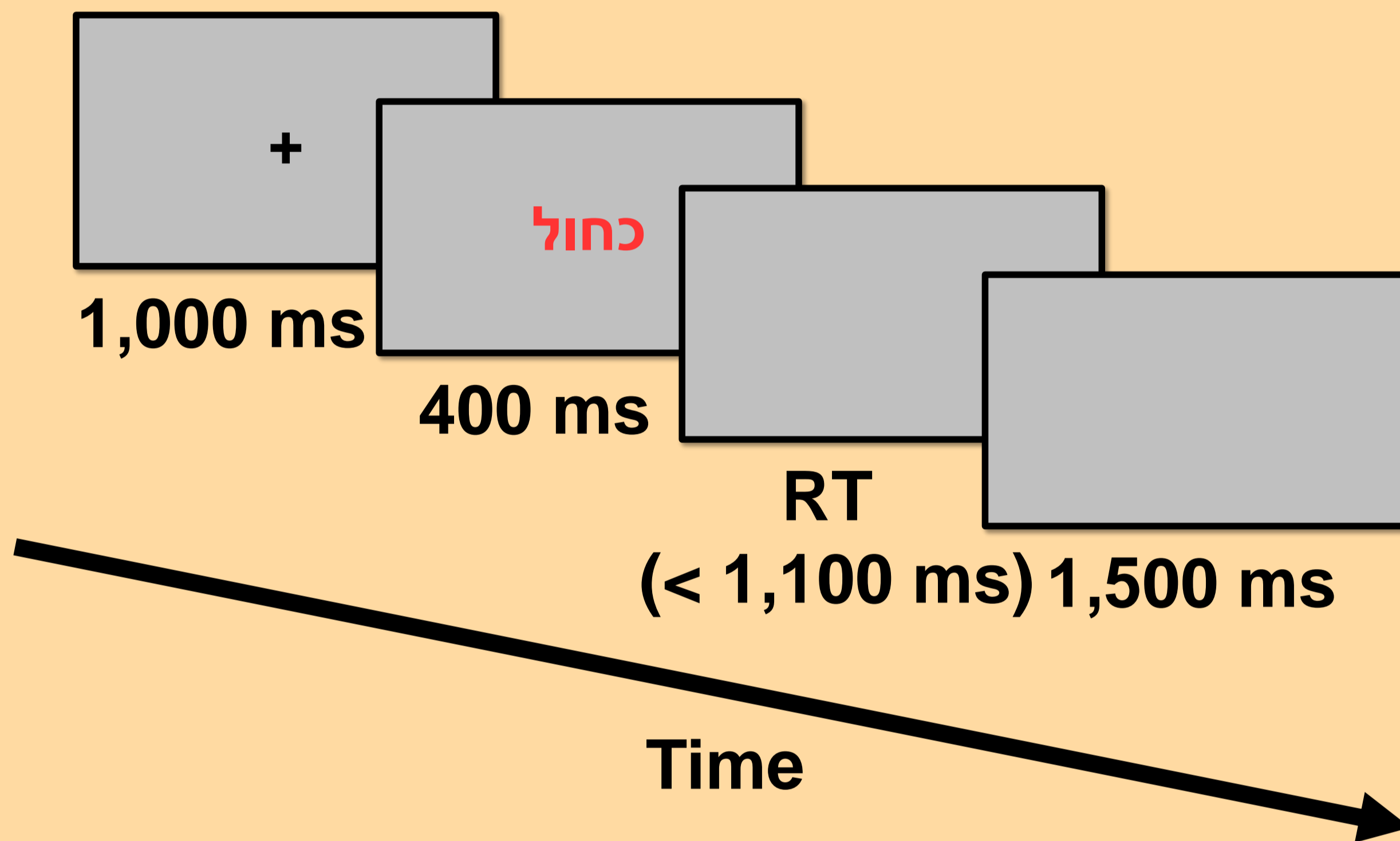
²Achva Academic College, Arugot, Israel



Background - Stroop Task

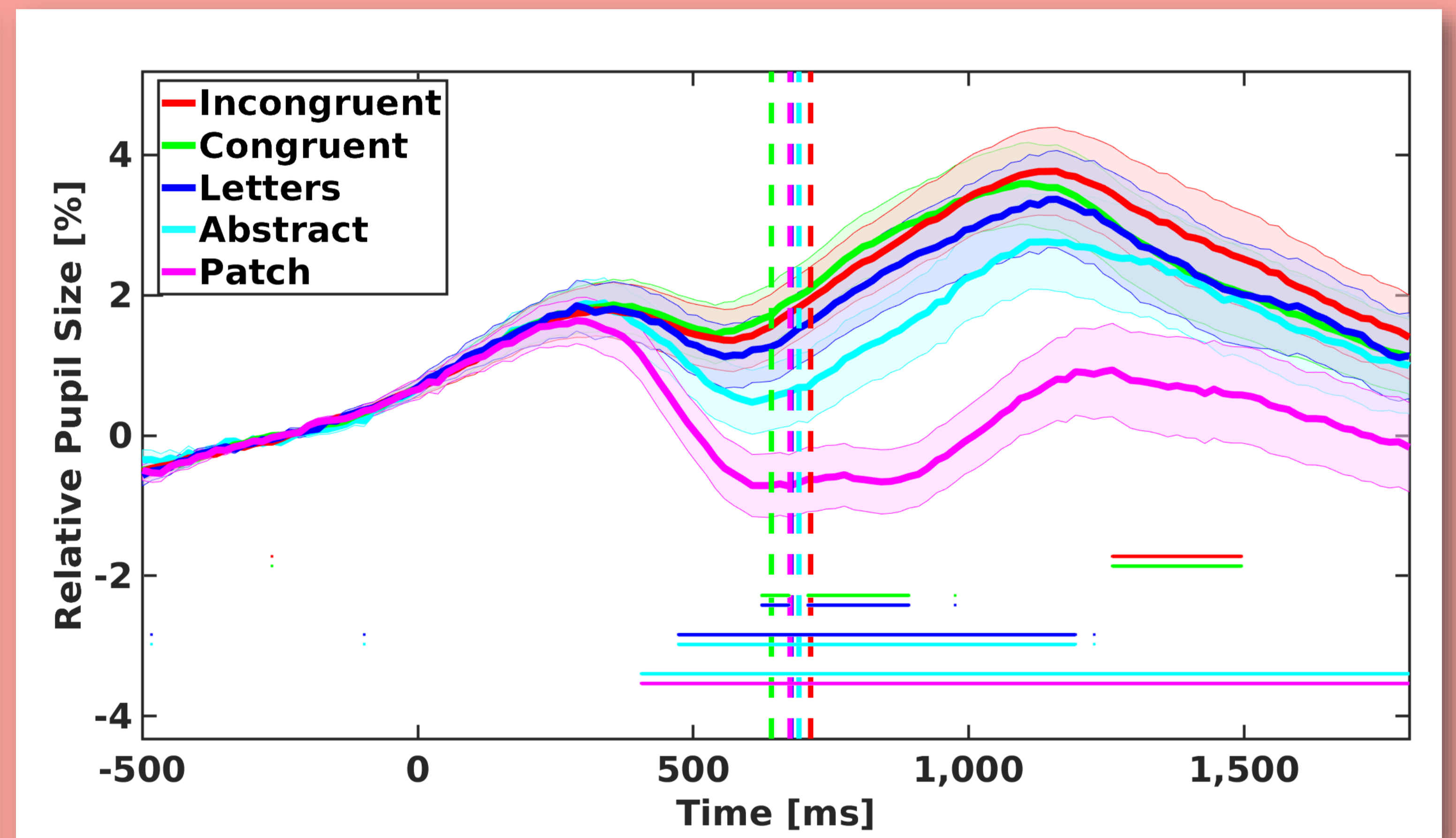
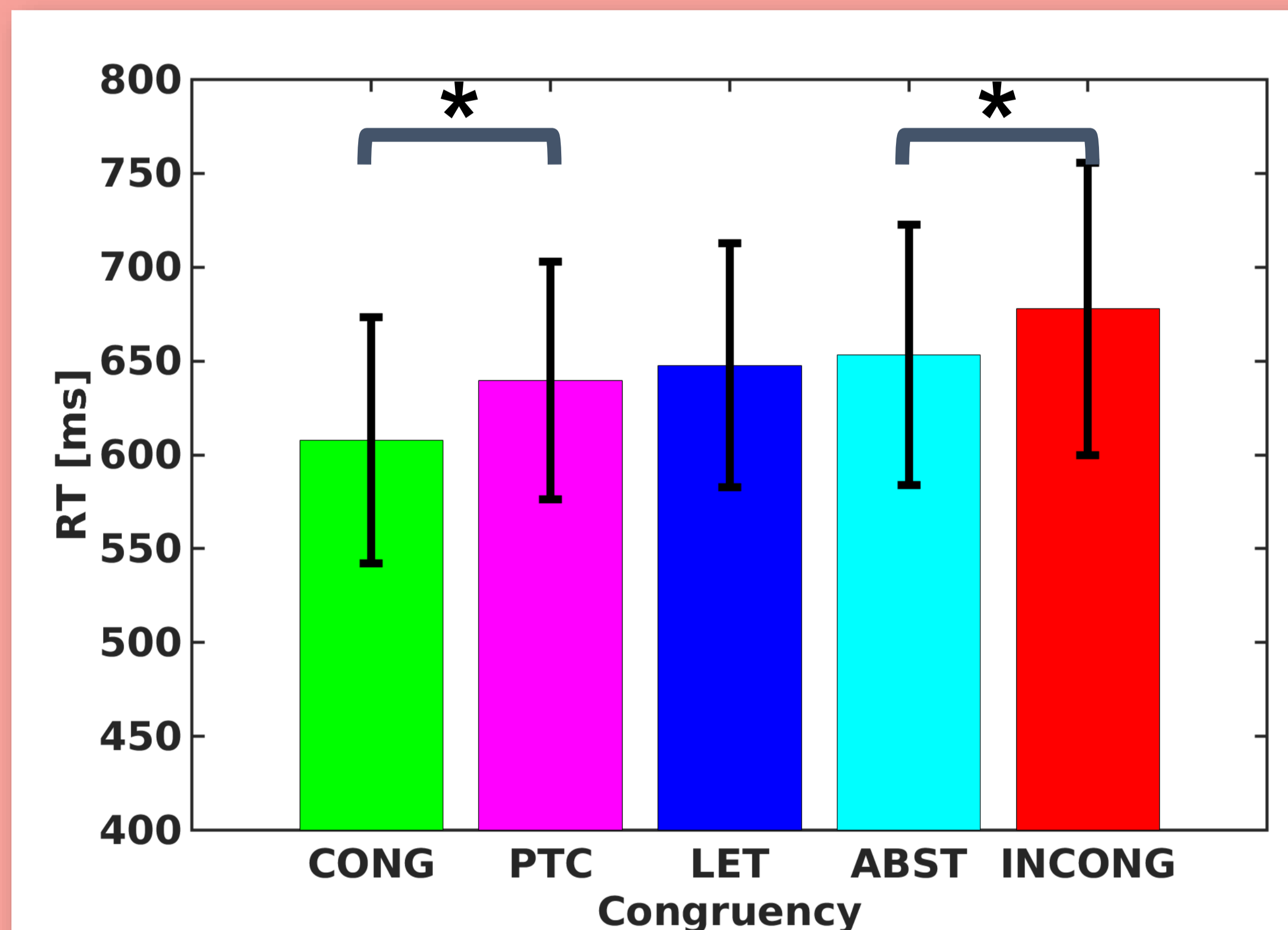


Method



| Congruent | Incongruent | Letters (LET) | Patch (PTC) | Abstract (ABST) |
|---------------|-------------|---------------|-------------|-----------------|
| (blue) כחול | כחול | לללל | | |
| (green) ירוק | ירוק | עעעע | | |
| (yellow) צהוב | צהוב | רררר | | |
| (red) אדום | אדום | שששש | | |

Results



What does it mean?

