

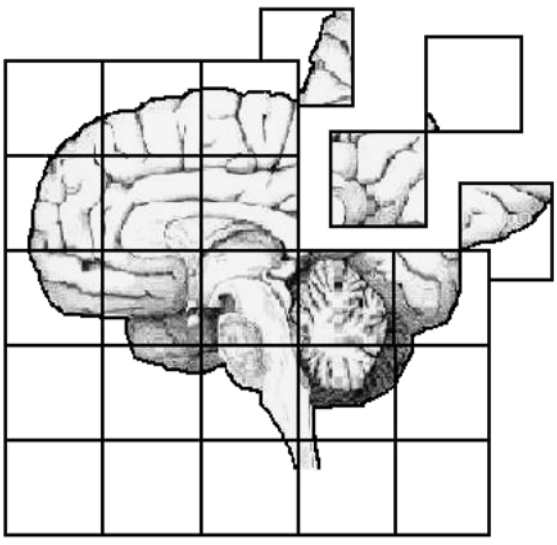
# Task and Information Conflicts in the Numerical Stroop Task

Ronen Hershman<sup>1\*</sup>, Lisa Beckmann<sup>2\*</sup>, & Avishai Henik<sup>1</sup>

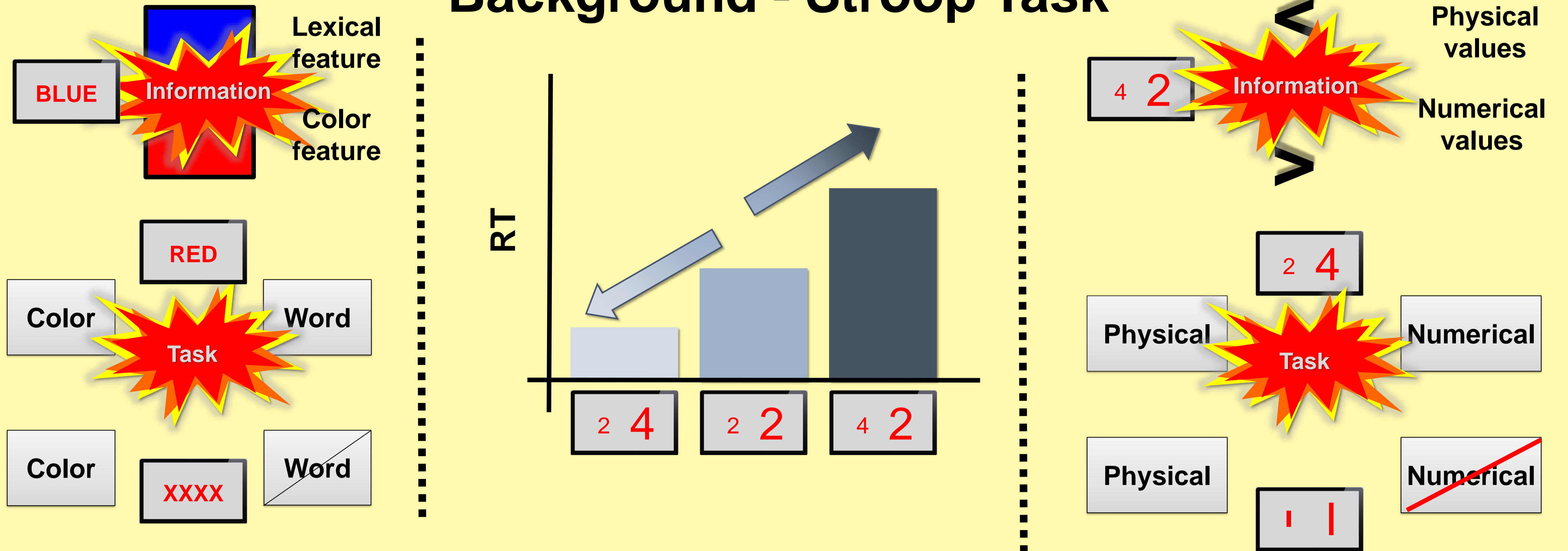
<sup>1</sup> Ben-Gurion University of the Negev, Beer-Sheva, Israel

<sup>2</sup> University of Konstanz, Konstanz, Germany

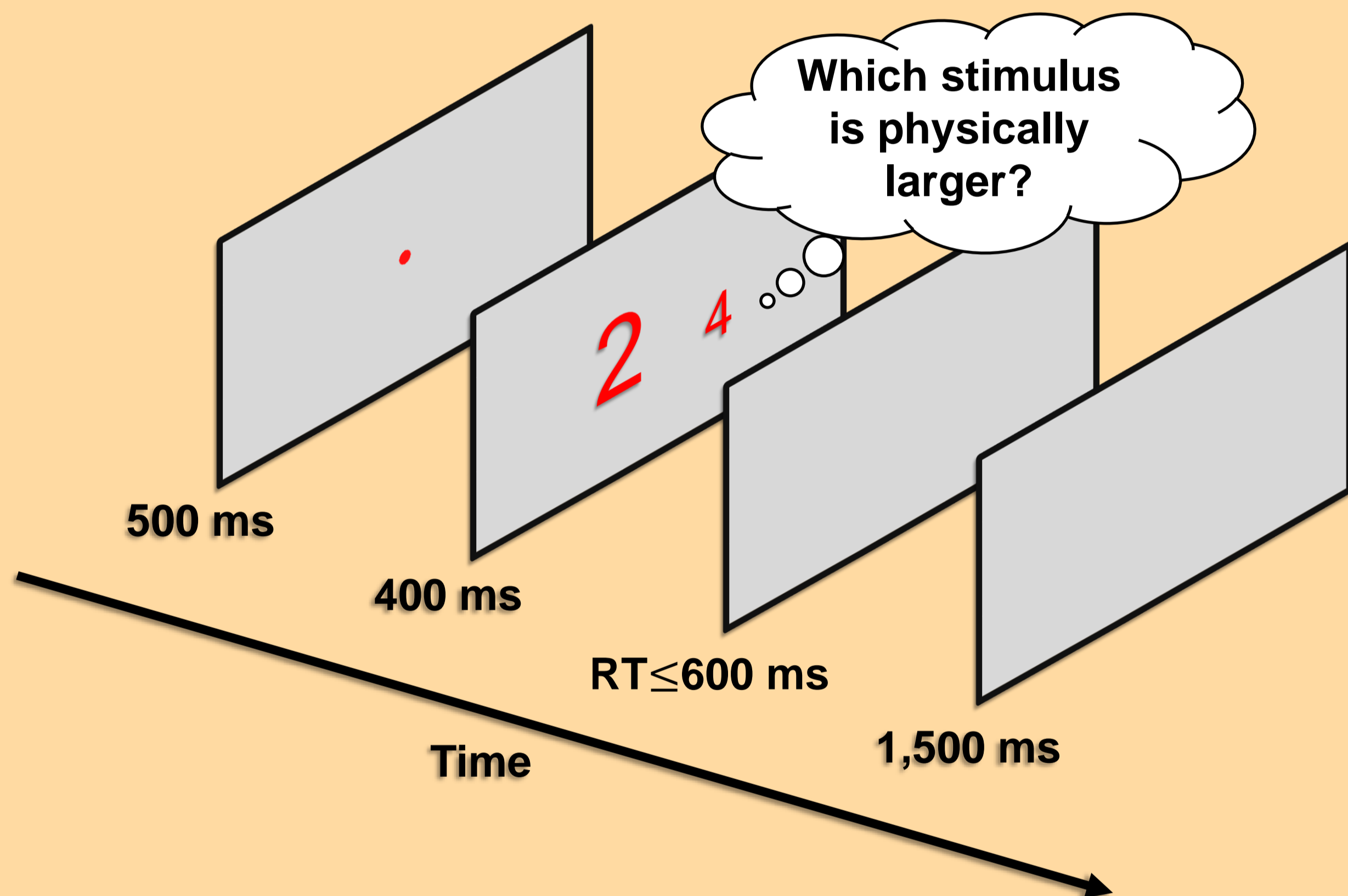
\* Equal contribution authorship



## Background - Stroop Task



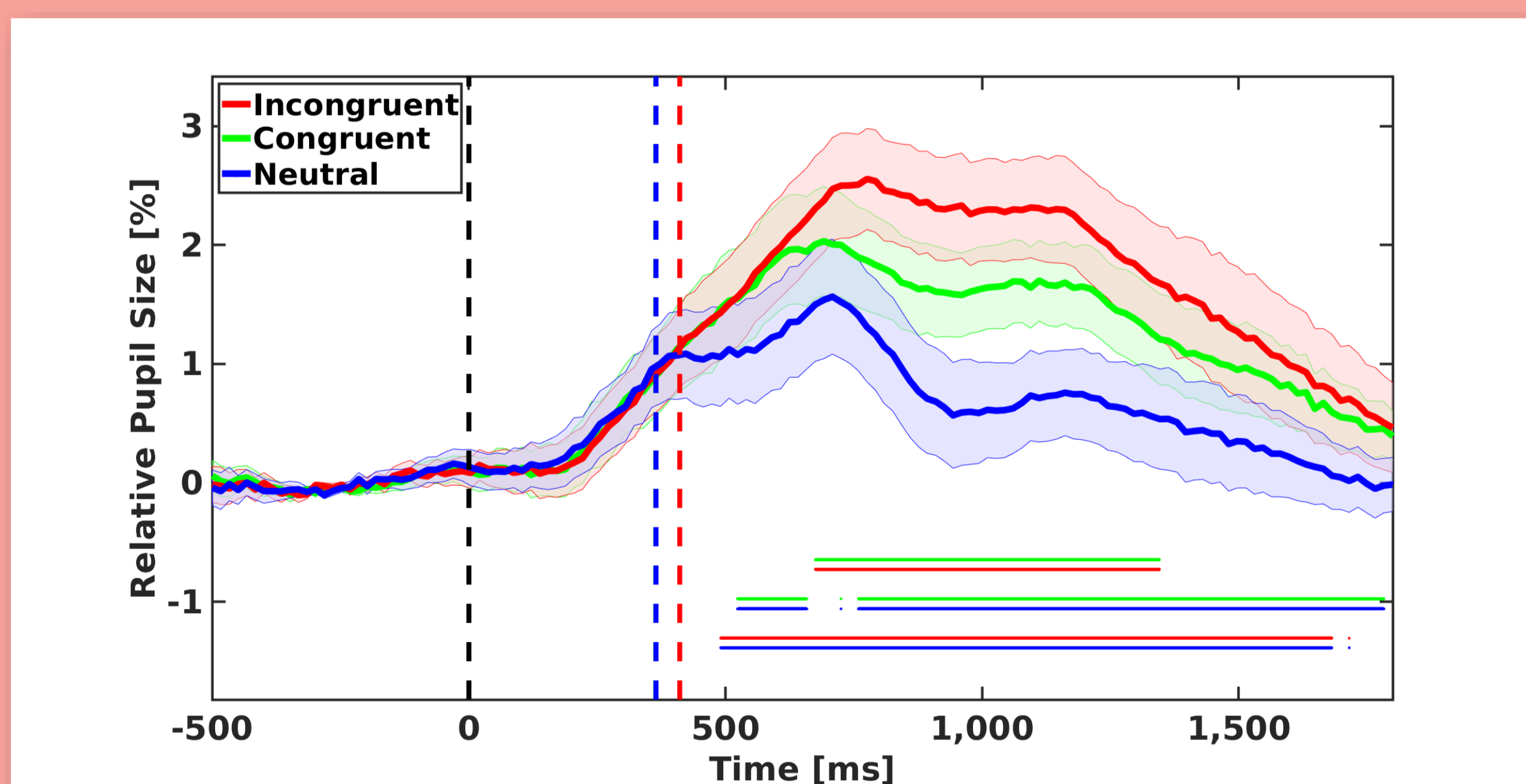
## Method



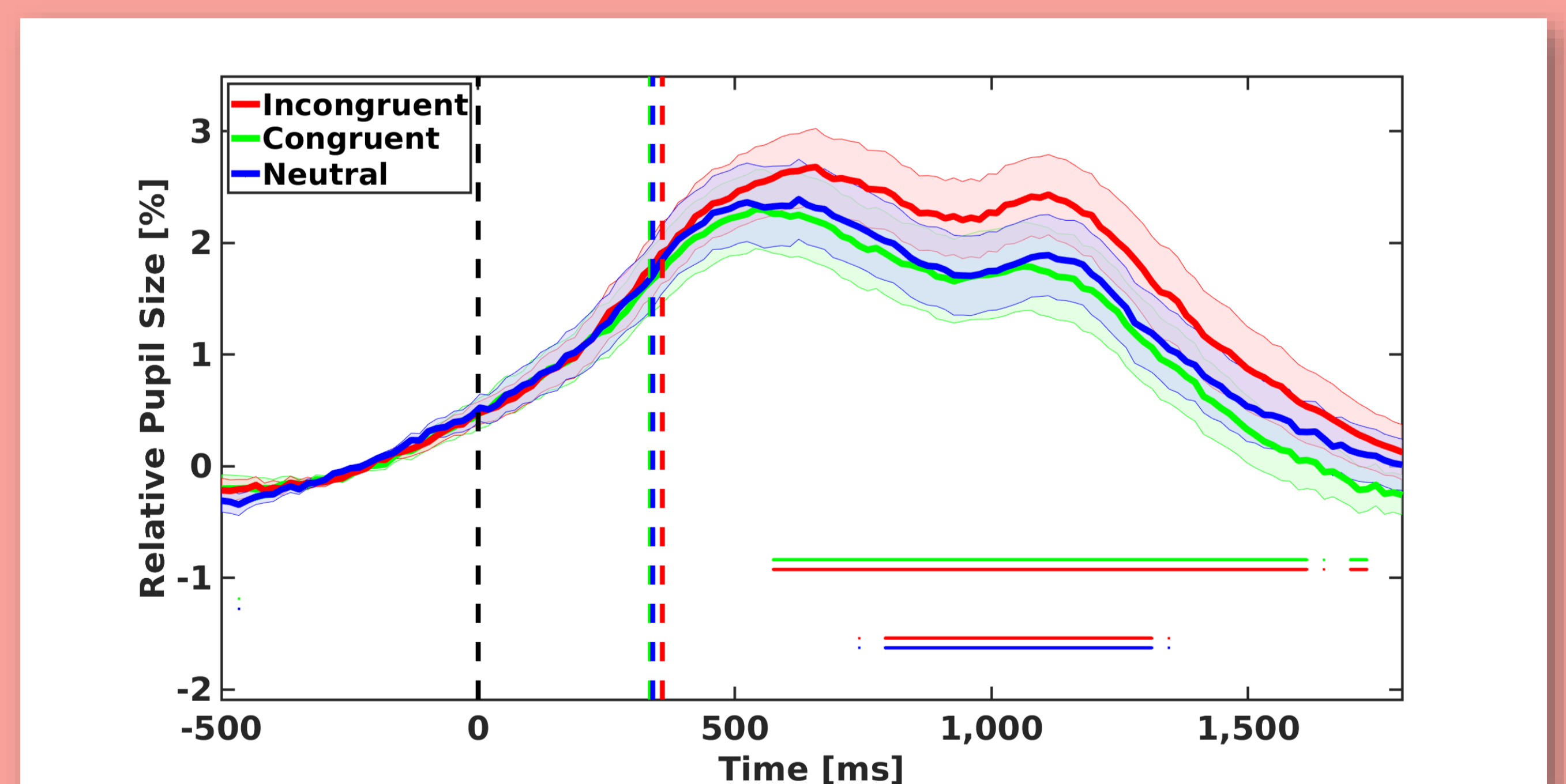
Congruent and incongruent pairs	Neutral digits (Experiment 2)	Neutral rectangles (Experiment. 1)
1 vs. 2	2 vs. 2	(1 vs. 2)
2 vs. 4	4 vs. 4	(2 vs. 4)
4 vs. 8	8 vs. 8	(4 vs. 8)

## Results

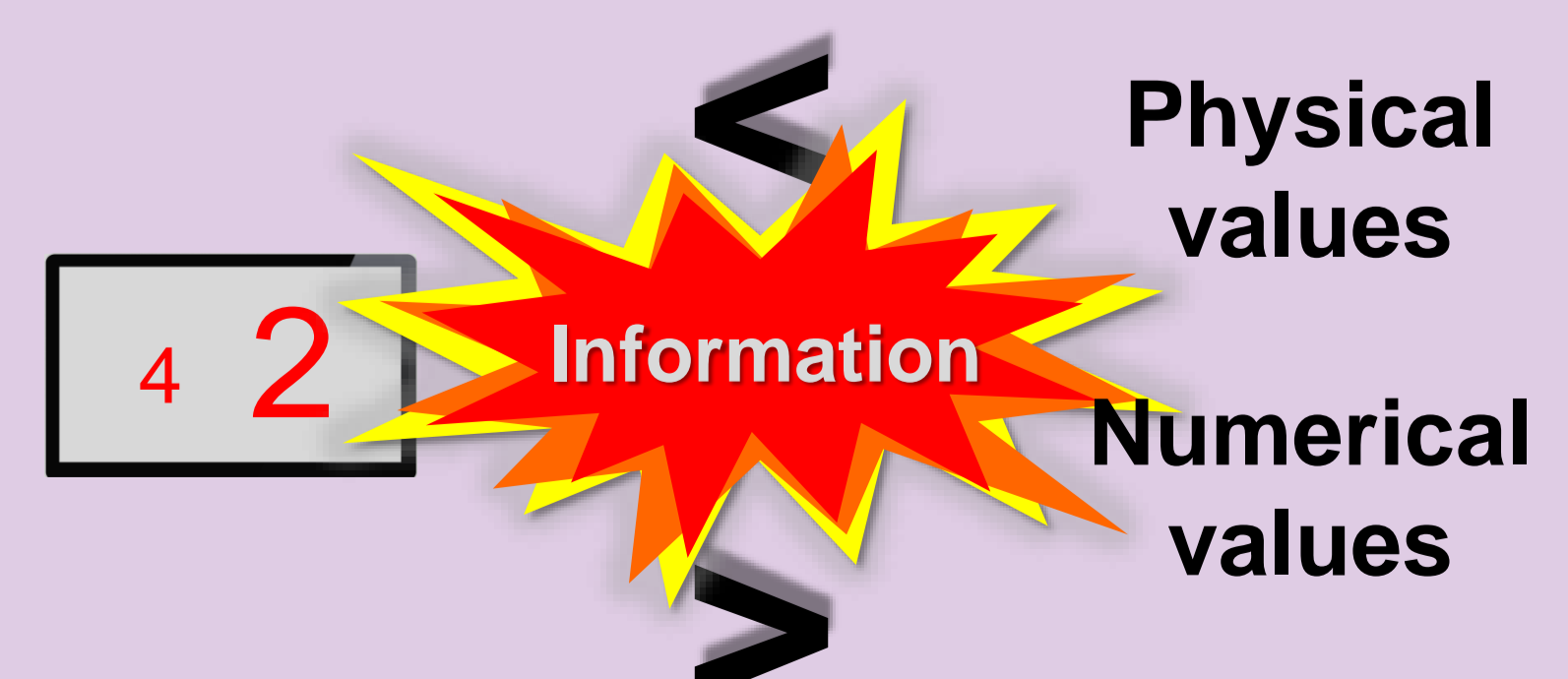
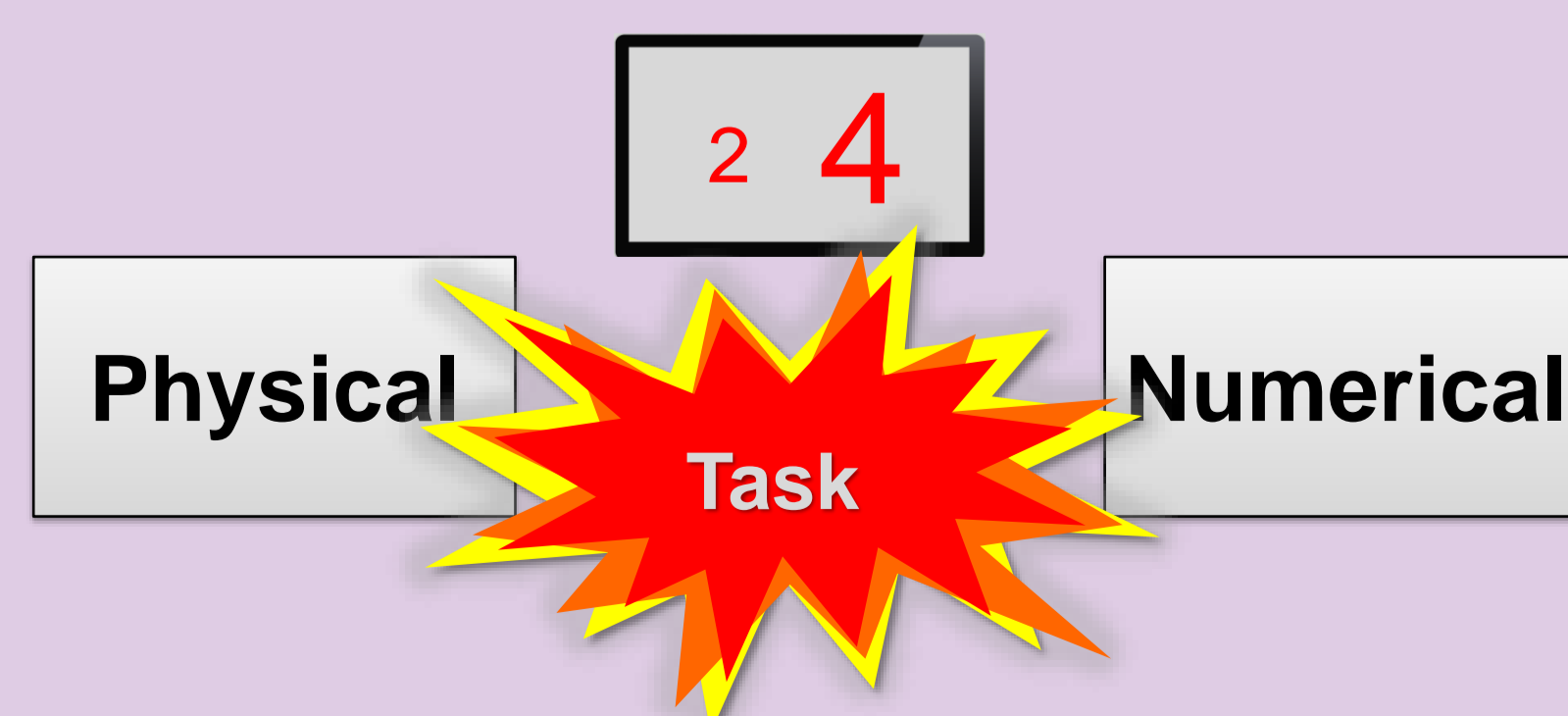
### Neutral rectangles



### Neutral digits



## What does it mean?



Time