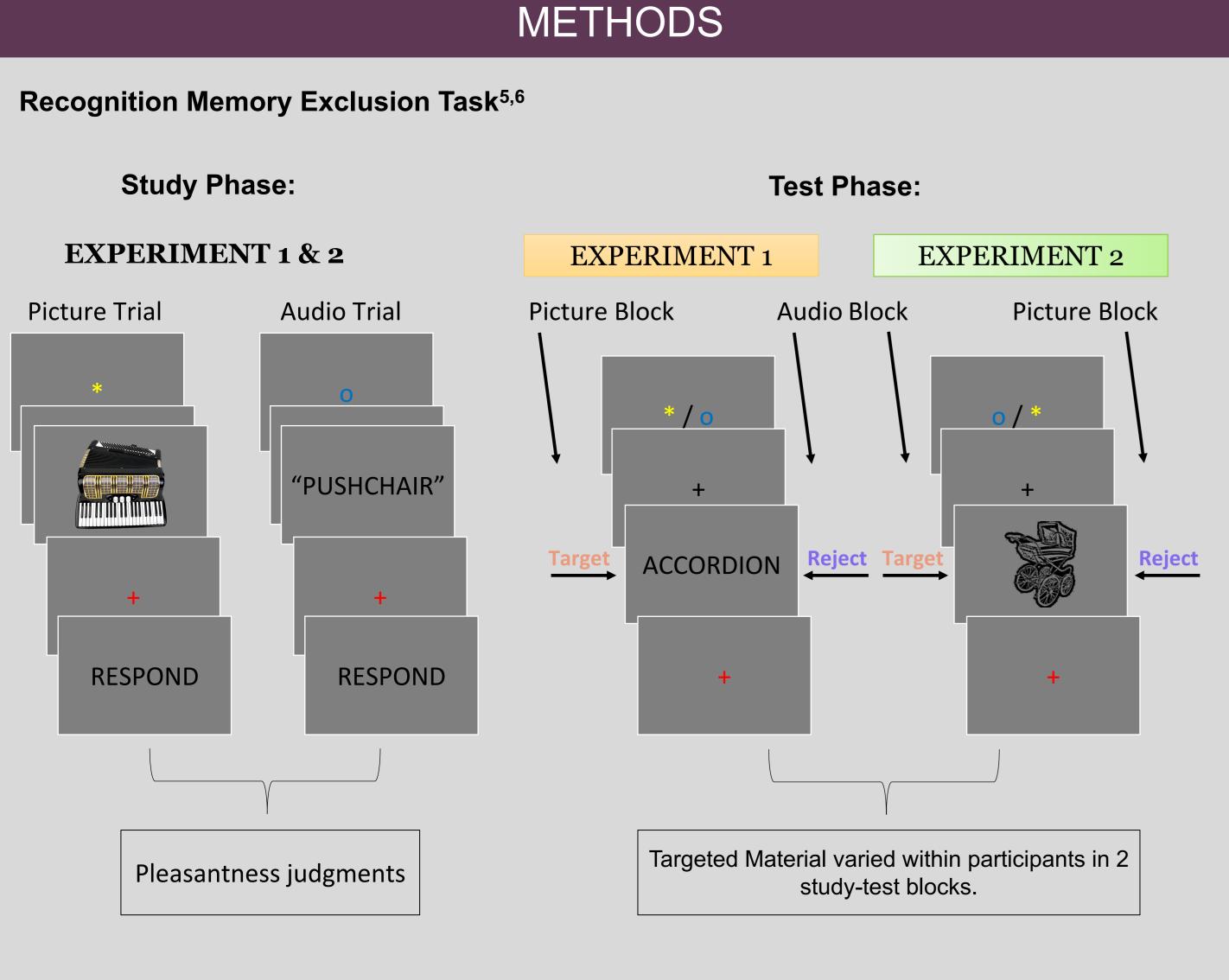


Did I see it? Two event-related potential (ERP) studies on material-specific prioritisation of recollection.

INTRODUCTION

How – and when – can we recollect relevant but not irrelevant information?

- Prioritisation of recollection can be measured with event related potentials (ERPs).
- The left-parietal ERP old/new effect (LP effect) measures recollection, and can index the degree to which recollection is prioritised to one source (Targets) vs. another irrelevant source (Non-targets)¹.
- Two factors have been linked to the prioritization of recollection:
- 1. Target difficulty²
- 2. Cue overlap³
- Cue overlap has been studied with presenting cues at test that are in the same or a different format than study, e.g., pictures and words at study, but words at test. In these studies the LP effect is prioritised when cues overlap with the targeted source (i.e., word copy cues)⁴.
- It is still unknown whether copy cues are necessary and which of the two hypotheses drives the prioritisation of recollection for material specific sources.
- In two pre-registered Experiments, we investigated this by manipulating the degree of cuetarget overlap at test: when retrieval cues overlapped more or less strongly with the targeted studied material.



EXPERIMENT 1 & 2, N = 28

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