The Influence of Reward on Recognition of Sequentially versus Simultaneously Presented Items

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INTRODUCTION

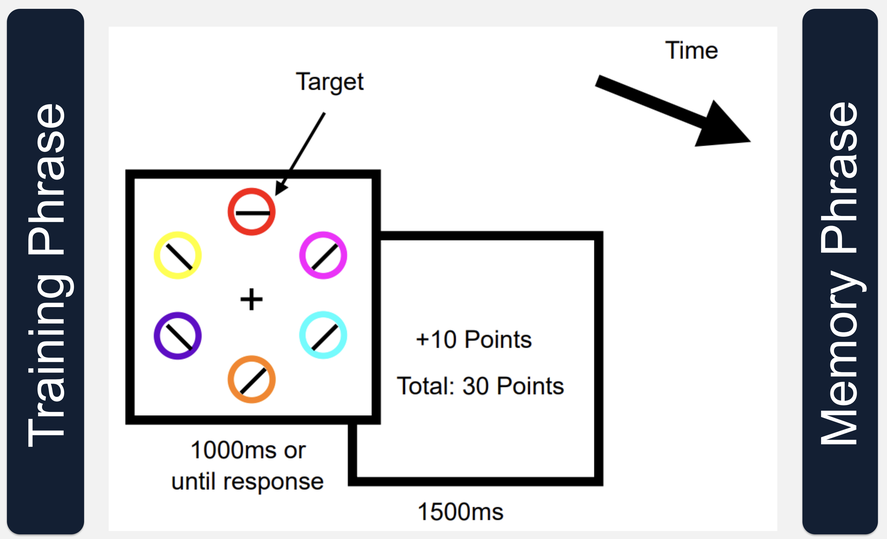
Value-associated stimuli can involuntarily capture **attention**.

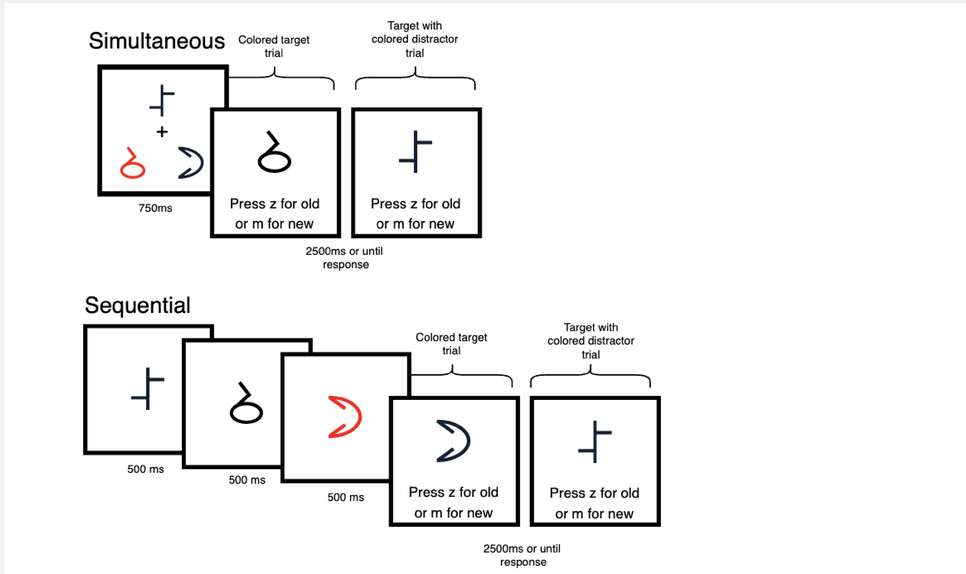
This attentional bias has **downstream consequences** on **visual working memory**.

Value-driven attentional prioritization enhances **memory performance** (Klyszejko et al., 2014; Gong and Li, 2014; Infanti et al., 2014)

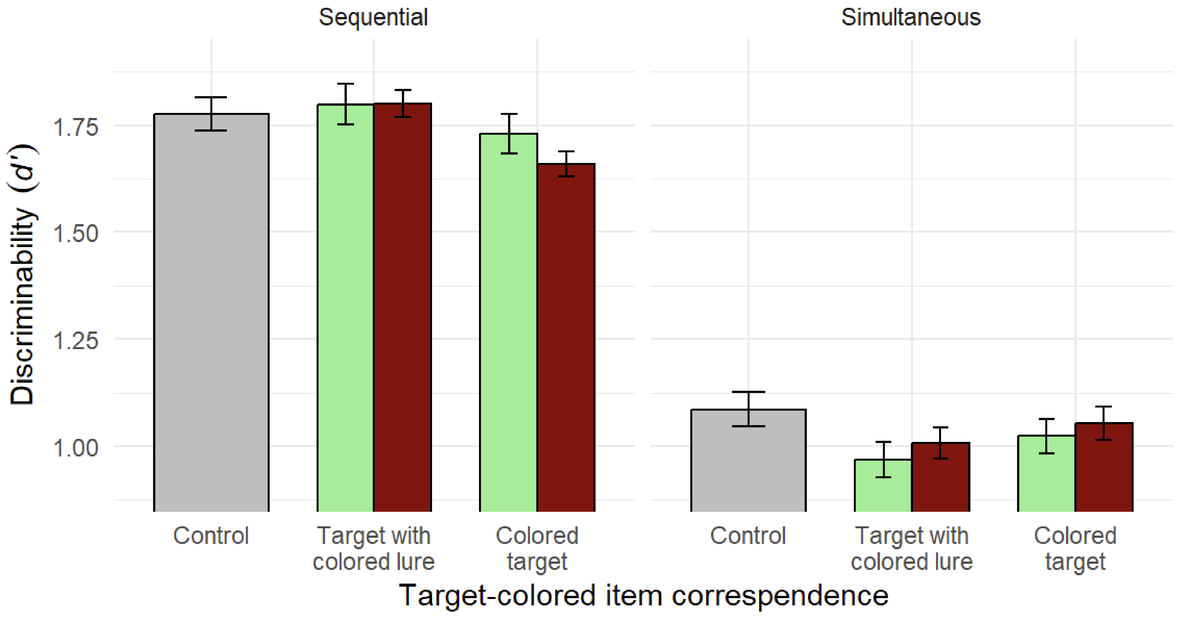
How does **value-driven attentional capture** affect **recognition accuracy** in **sequential** versus **simultaneous** presentation ?

METHOD

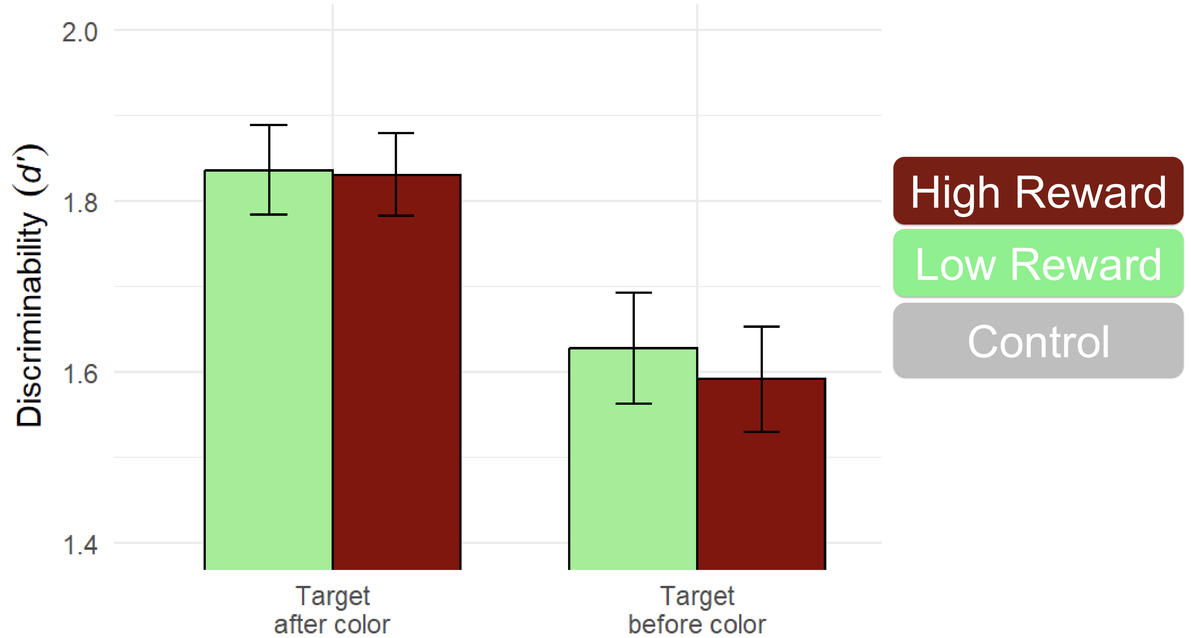




Color-target Correspondence



Sequential Group: Target-Color Position



- **No robust effect of reward** on memory was found in either spatial or non-spatial conditions.
- Memory performance was higher for targets appearing after a colored lure, suggesting **an alerting effect** in sequential conditions.