

Introduction

- Retrieval practice is a learning strategy that has been found to improve both memory and learning in episodic memory tasks (e.g., Rowland, 2014).
- > In one case, retrieval practice was also found to benefit learning of a complex natural category (Jacoby et al., 2013)
- \succ However, in another, retrieval practice did not impact category learning (Babineau et al., 2022)
- > One factor that may impact the effect of retrieval practice is if the process is selfregulated (as in Babineau et al, 2022) or experimentercontrolled (as in Jacoby et al., 2013).
 - > Our goal: investigate how retrieval practice and the learning context (SRL or experimenter-controlled) impact category learning.
- > We anticipated that when category learning is controlled by researchers, classification performance will benefit from retrieval practice.

Poster presented at the 2023 Texas Christian University Student Research Symposium. Research supported by the James S. McDonnell Foundation 21st Century Science Initiative in Understanding Human Cognition, Collaborative Grant No. 220020483

Study Phase



Do Self-Regulation and Retrieval Practice Impact Complex Category Learning? Kennadi C. Cook, Addison L. Babineau, & Sarah K. Tauber



Novel exemplar classification test Studied exemplar classification test



y Trials	Practice Test Trials
(86%)	39 (78%)
(74%)	38 (76%)