



Let's Get Mixing With Interleaving

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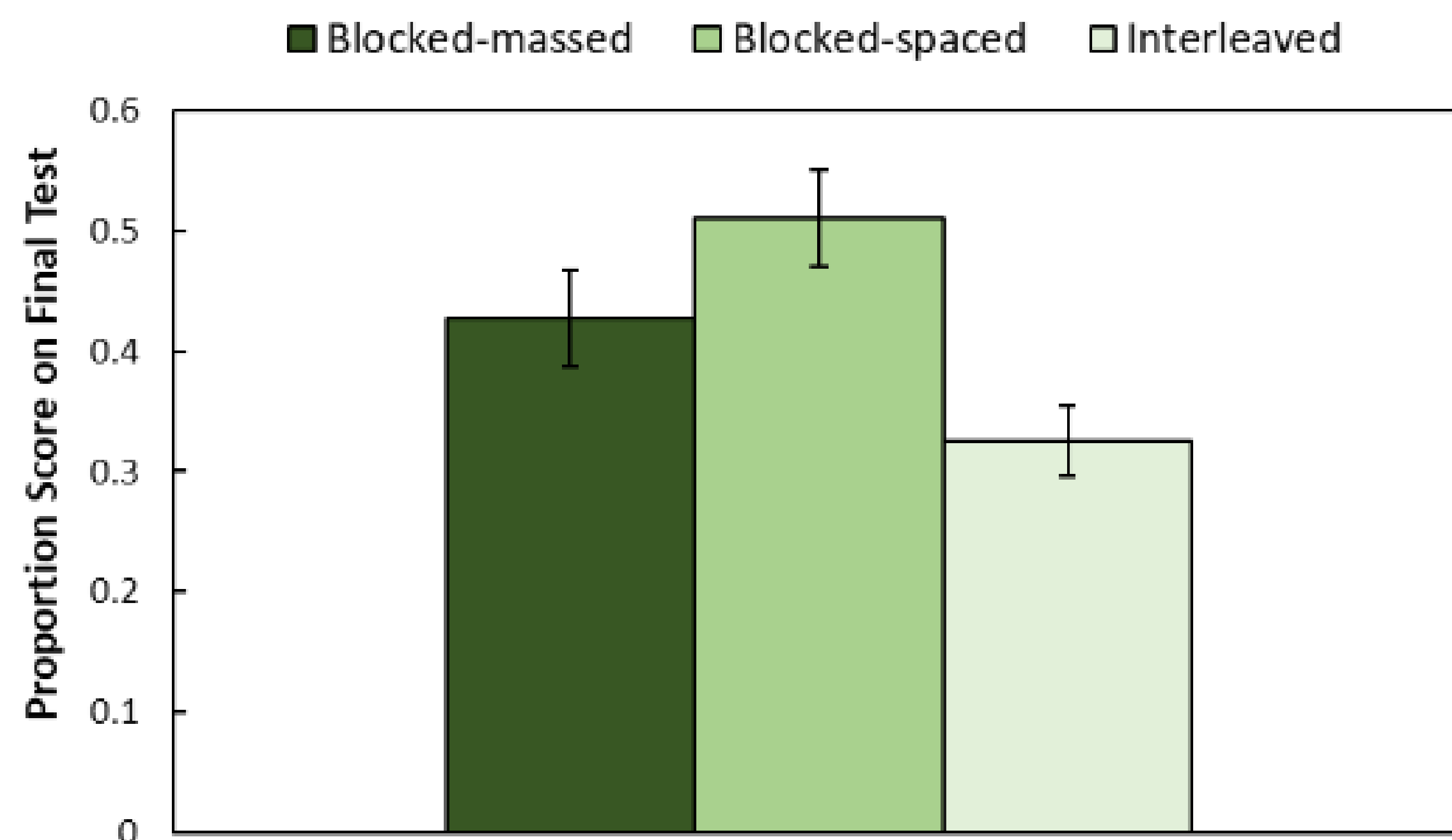
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Introduction

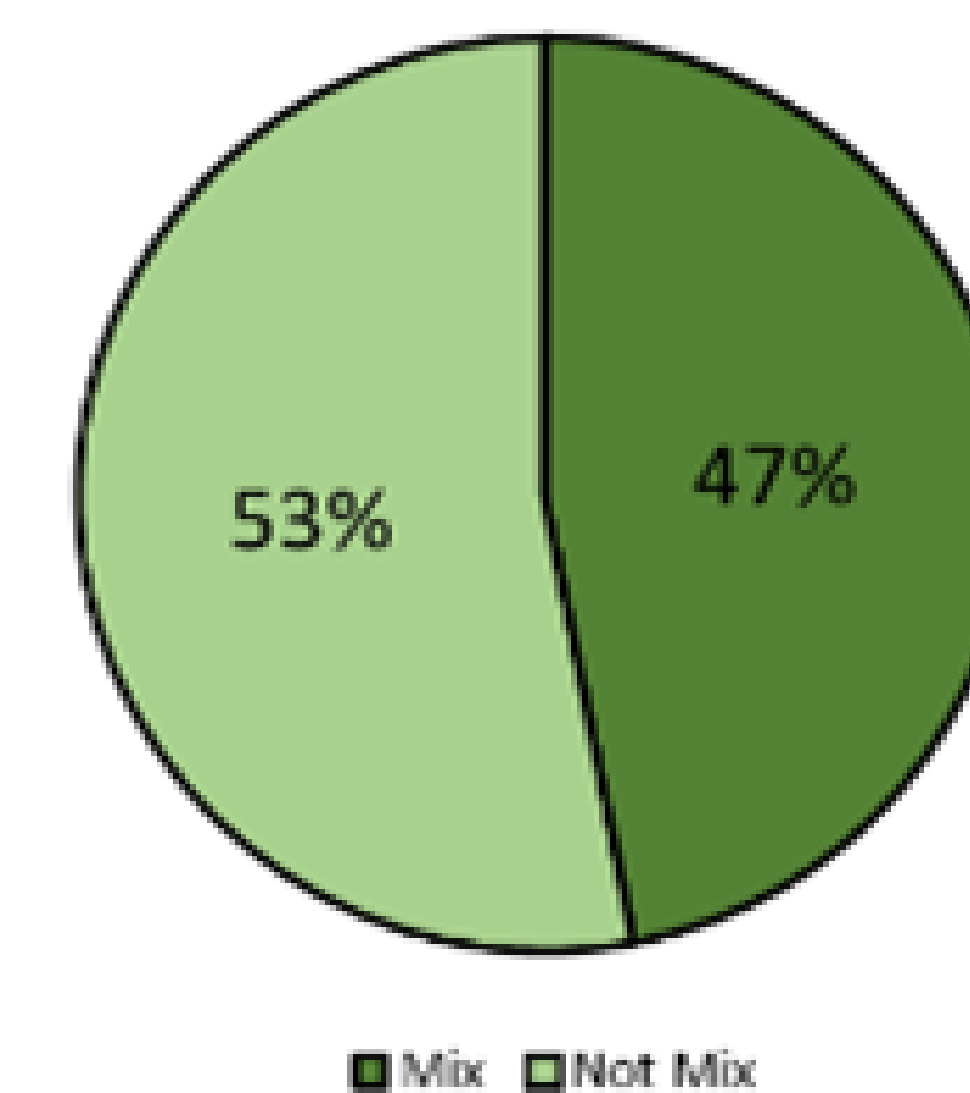
Research has shown that interleaving has robust effects on learning and retention (Birnbaum et al., 2019). Interestingly, no research has examined whether benefits of interleaving extend to key-term definition, which is a common type of to-be-learned information across many academic disciplines. The goal of the current research was to examine if using interleaving as a strategy facilitates the learning of **key-term definitions**.



Results



How would you study the flashcards?



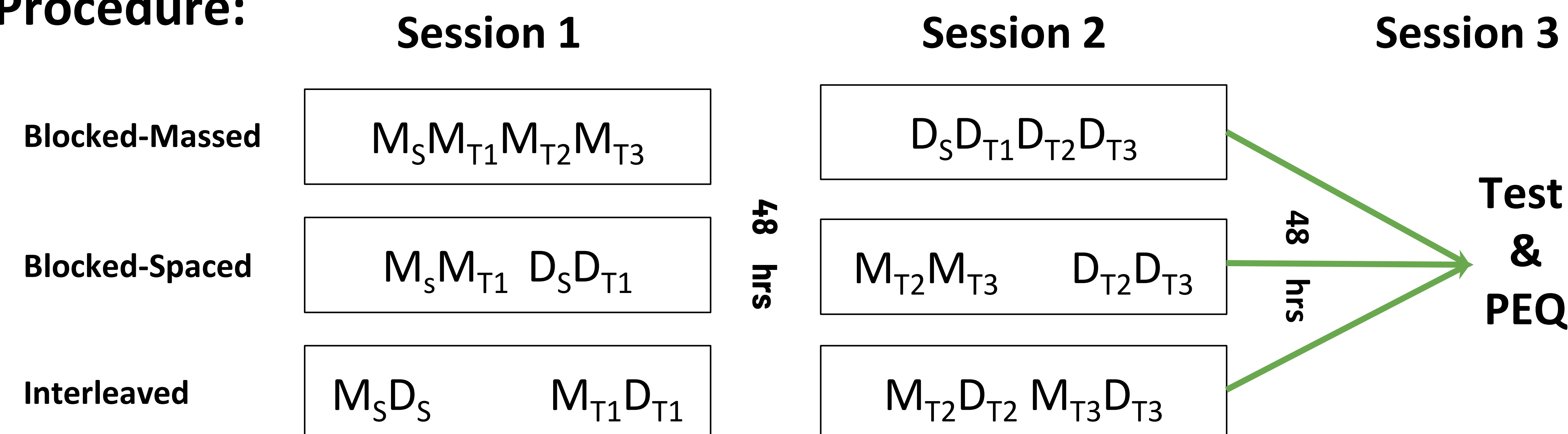
Methods

Participants: 144 undergraduates from NDSU

Design: Blocked-Massed, Blocked-Spaced, and Interleaved, manipulated between-subjects

Materials: 12 key-term definitions (6 memory and 6 development)

Procedure:



Conclusions

Results showed no benefit of using interleaving to learn key-term definitions

Future research may consider:

- Replication
- Practice performance levels
- Necessary amount of similarity of to-be-learned information

Acknowledgements

Birnbaum, M. S., Kornell, N., Bjork, E. L., & Bjork, R. A. (2013). Why interleaving enhances inductive learning: The roles of discrimination and retrieval. *Memory & Cognition*, 41(3), 392-402.



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