

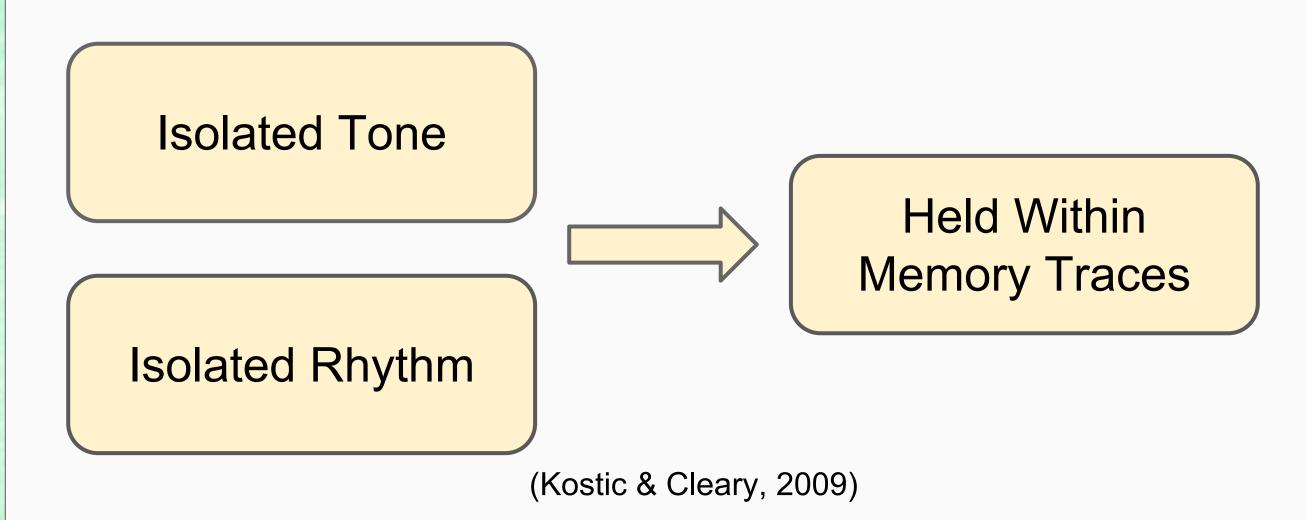
Embedding Familiarized Musical Features into Novel Song Sequences



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Introduction

Recognition without Identification (RWI) is the ability to discriminate between studied and unstudied items based on familiarity alone. How do features contribute to this ability?



Exposure to whole song clips at study elicits familiarity for the features during test, and exposure to stimulus increases feelings of liking.

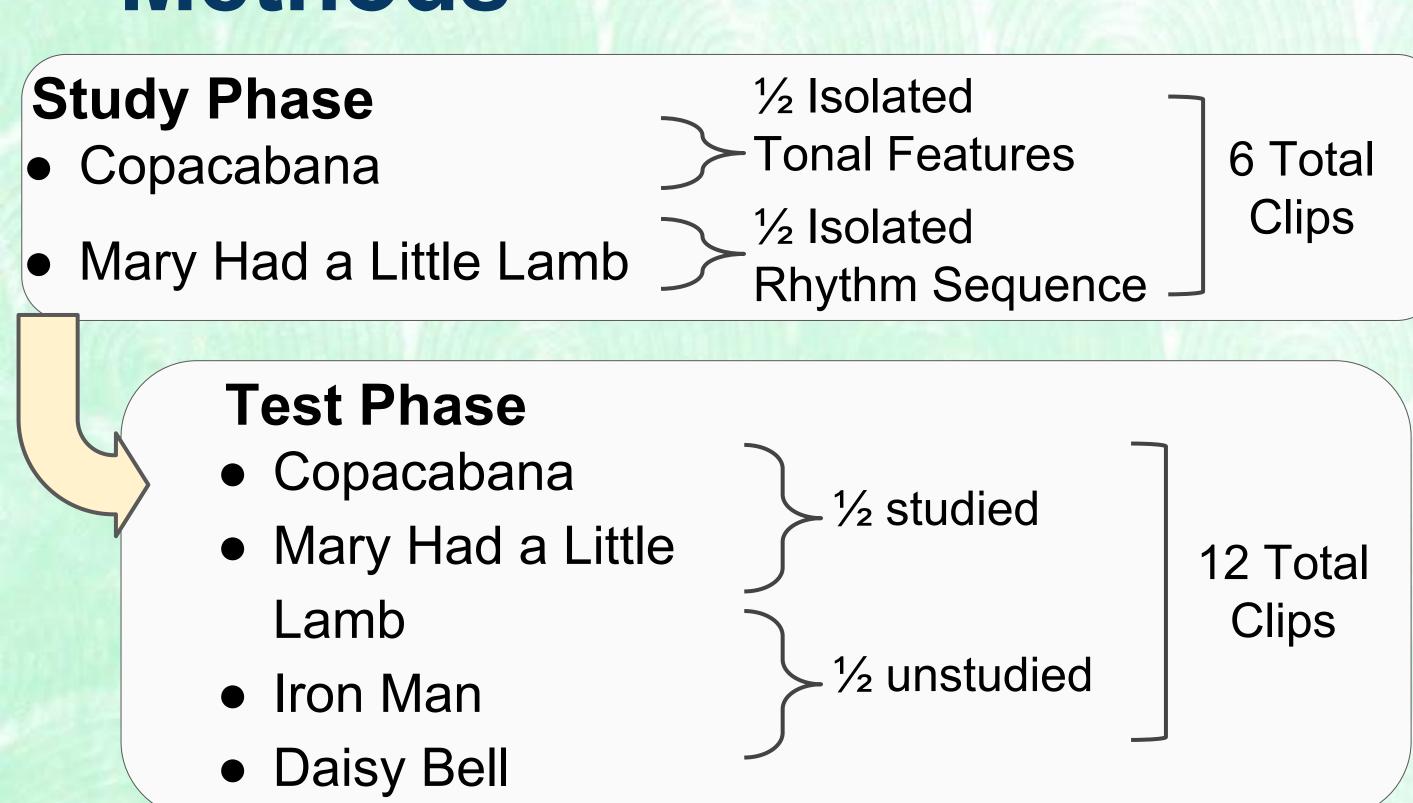
(Zajonc, 1968; Montoya et al., 2017)

Present Study

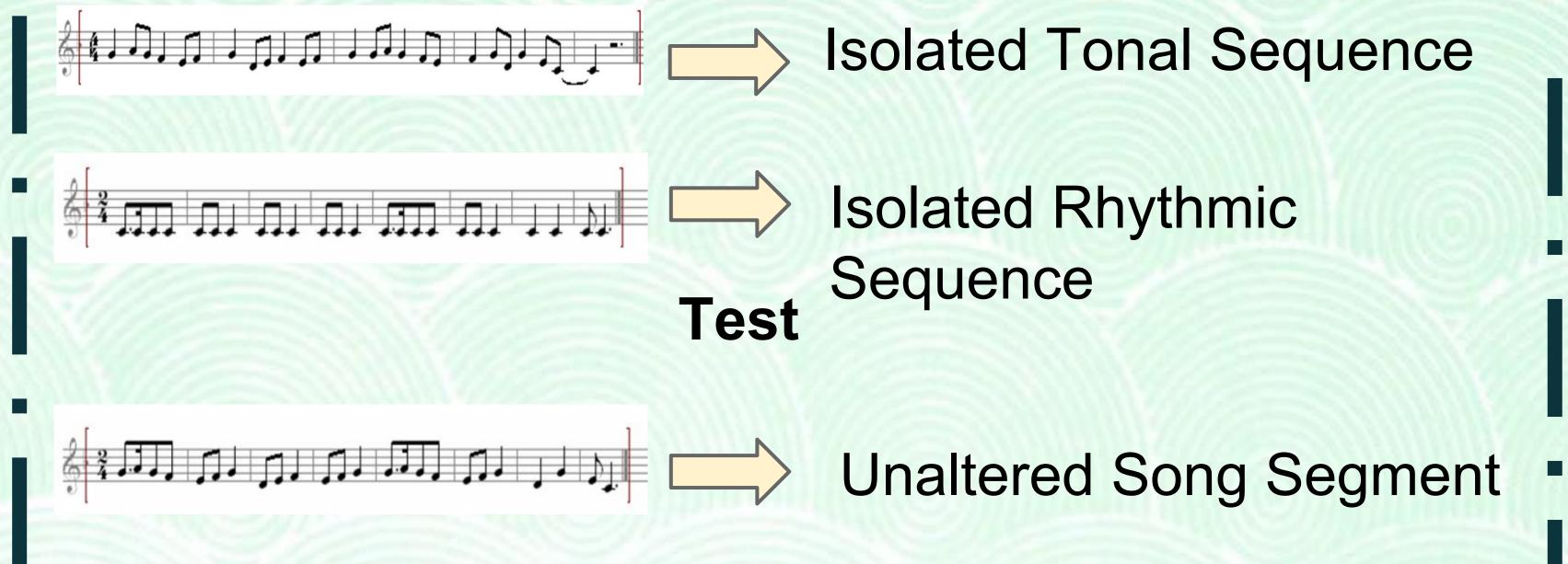
Experiment 1: Can whole songs be familiarized through exposure to their isolated features?

Experiment 2: Can feelings of familiarity with an unidentified song clip lead to feelings of liking?

Methods

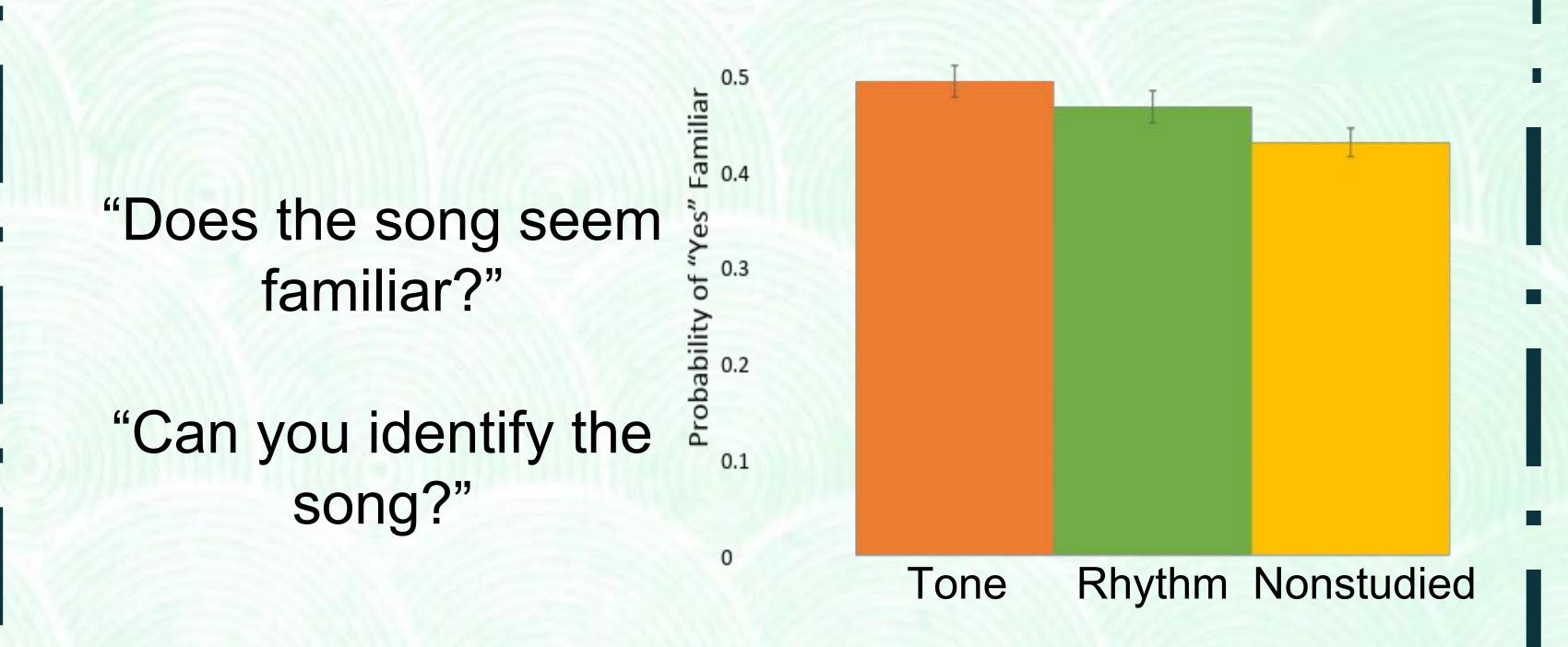


Study

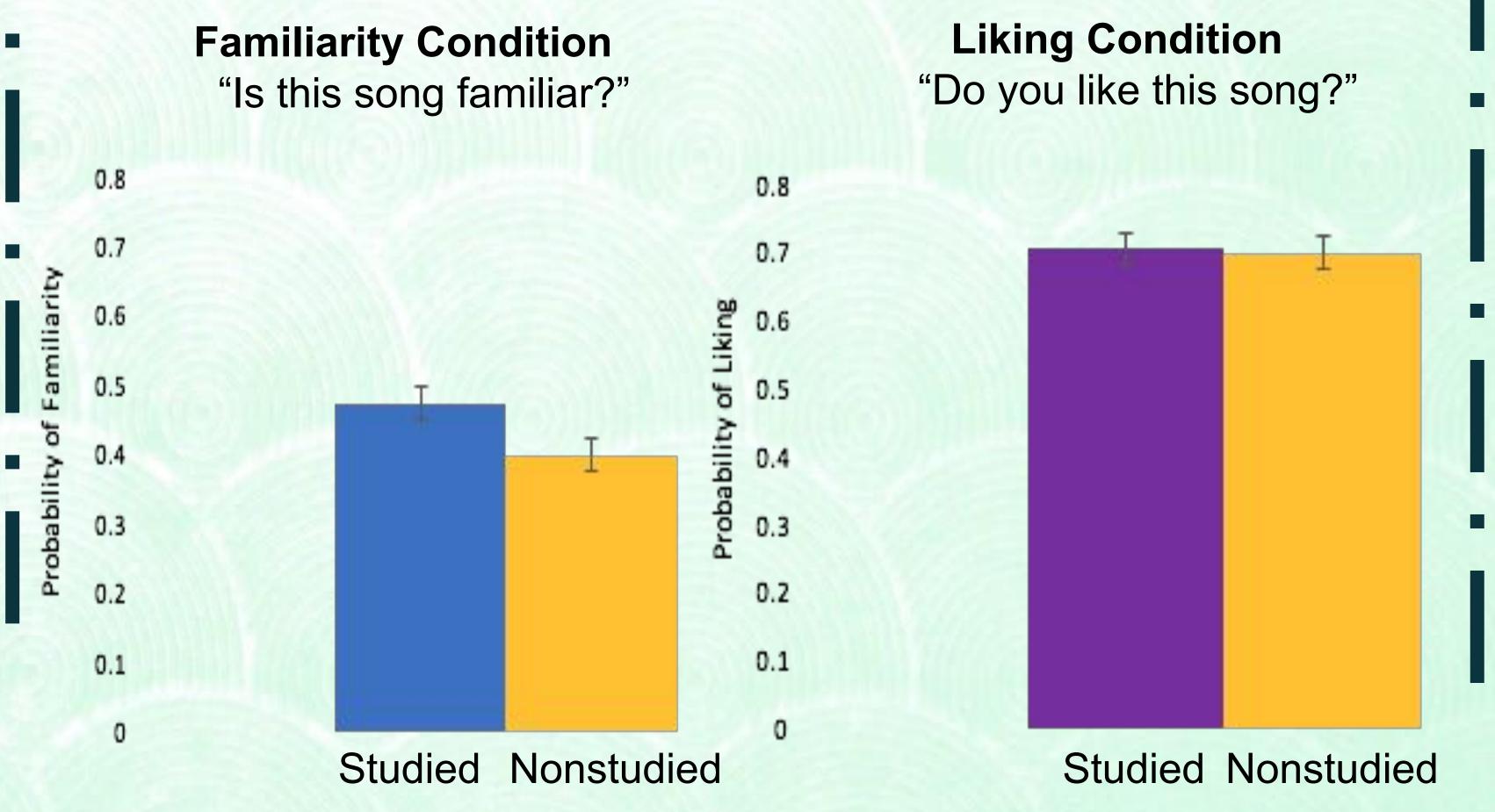


Results

Experiment 1 - Embedding Features



Experiment 2 - Familiarity & Liking

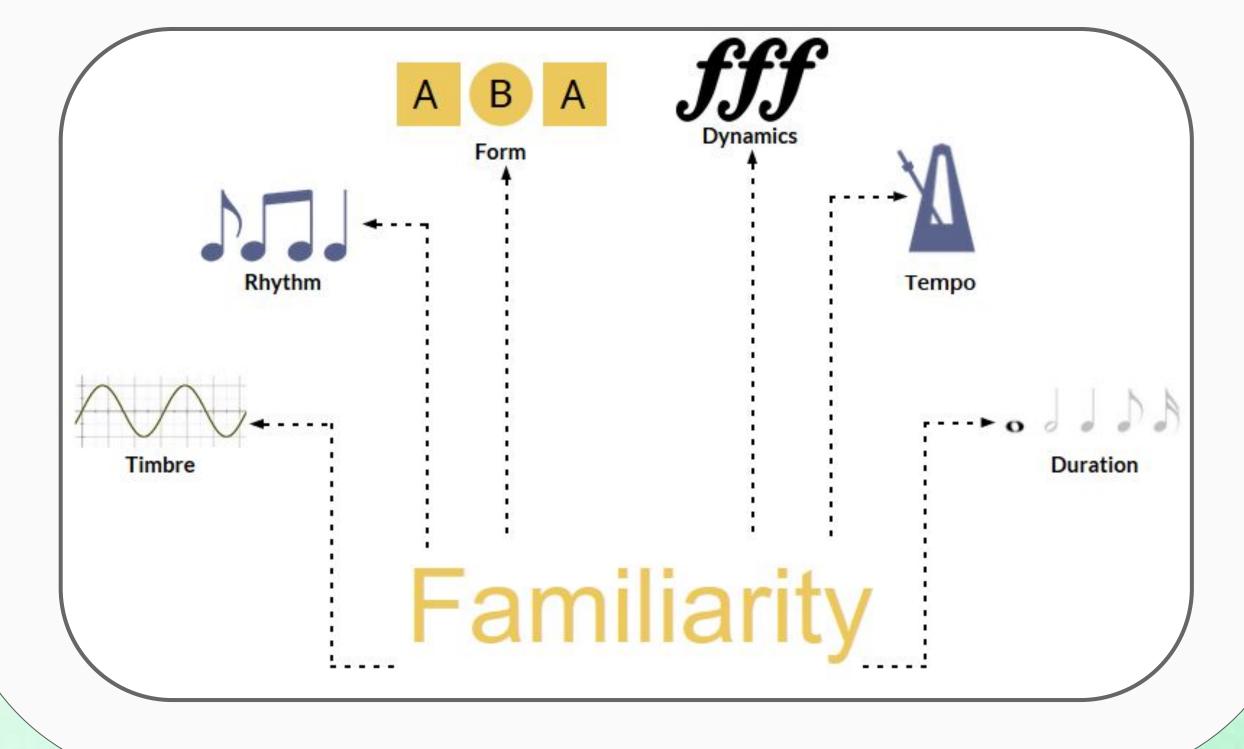


Discussion

Embedding a familiarized feature into an unaltered song can lead to feelings of familiarity for the whole song.

Future Directions

- Increase exposure to stimulus
- Use of novel songs to examine whether extracting features leads to familiarity
- Examining how features combine within the memory trace to affect song familiarity



References

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Kostic, B., & Cleary, A. M. (2009). Song recognition without identification: when people cannot "name that tune" but can recognize it as familiar. *Journal of Experimental Psychology: General, 138*(1), 146 – 159.
Montoya, R. M., Horton, R. S., Vevea, J. L., Citkowicz, M., & Lauber, E. A. (2017). A re-examination of the mere exposure effect: the influence of repeated exposure on recognition, familiarity, and liking. *Psychological Bulletin, 143,* 459 – 498. doi: 10.1037/bul0000085

Zajonc, R. B. (1968). Attitudinal effects of mere exposure. Journal of Personality and Social Psychology Monographs, 9, 1 – 27. doi:10.1037/h0025848