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Background

In laboratory (e.g. word list) recall, episodic memory is defined by temporal contextual organization¹

Encoding Retrieval ...apple cat boat dog cup... "cup" "cat" "dog" "cup"..

In autobiographical recall, episodic memory is defined by recovering specific details (sights, feelings..)²



Temporal organization is a **universal organizing principle** in word list recall at short delays³

What about recall of complex real-world **experiences** at naturalistic delays?

Are more temporally structured memories richer in episodic detail⁴?

Methods

Participants underwent an audioguided real-world walking tours of the artwork in Baycrest Hospital



Tour 1 •Younger, 2 day delay (N = 22) •Older, 2 day delay (*N* = 19)

Tour 2 •Younger, 7 day delay (N = 79)

"'Rotation' is made of stained birch on steel"





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preprint: https://psyarxiv.com/e2unt/