The Precision of Short-Term Memory Items Retained Inside and Outside the Focus of Attention Adam S. Eichenbaum¹, Joshua J. LaRocque^{2,3}, Stephen M. Emrich⁴, & Bradley R. Postle^{1,5}

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Background

Recent models of short-term memory (STM) distinguish

between information in or out of the focus of attention (FoA).



Do memories retained inside and outside the focus of attention vary in precision?

Method / Task







adapted from Zokaei et al., 2011

1 Item + Delay

1 Item

1st of 4 Items

content within the FoA

Moving memory items in and out of the internal focus of attention reduces the precision with which they are stored. Current work is focused on understanding the neural bases of these precision gradations.

Conclusions

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