

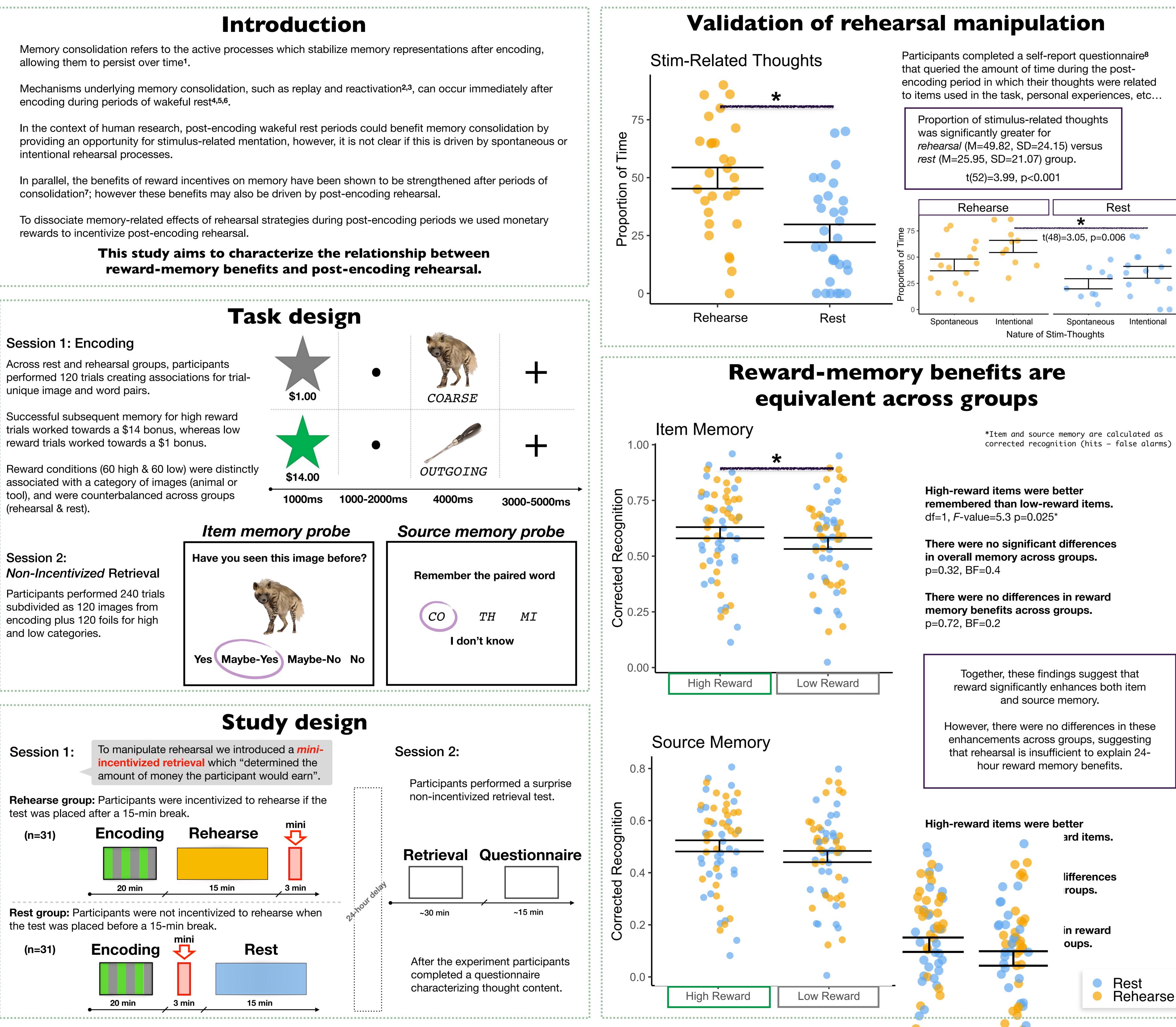


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encoding during periods of wakeful rest^{4,5,6}.

intentional rehearsal processes.

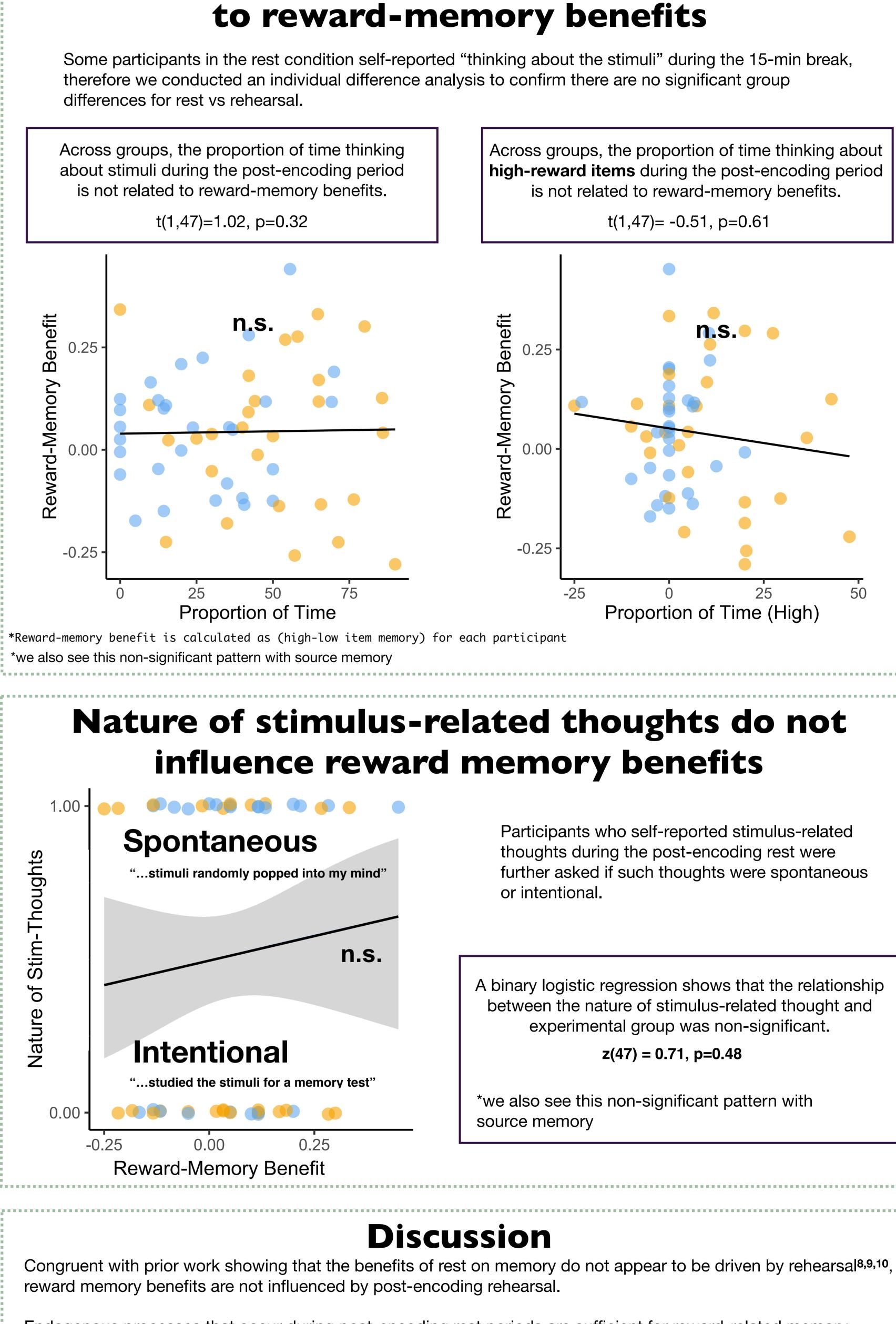
consolidation⁷; however these benefits may also be driven by post-encoding rehearsal.



Reward-related memory benefits cannot be explained by post-encoding rehearsal

Together, these findings suggest that reward significantly enhances both item

However, there were no differences in these enhancements across groups, suggesting that rehearsal is insufficient to explain 24-

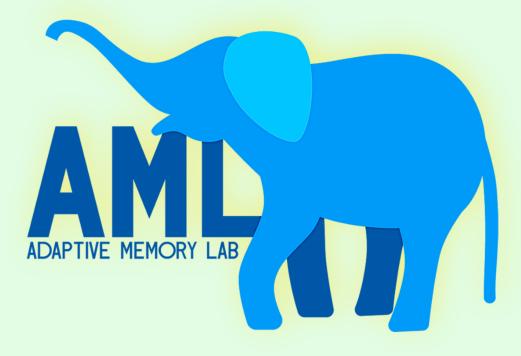


consolidation effects.

Future work using neuroimaging can investigate how rehearsal influences neural markers of reactivation.

References I.McClelland et al. 1995, Psychol Rev. 2.Sutherland & McNaughton, 2000, Current Opinion in Neurobio. 3.Rasch & Born 2007, Science. 4.Karlsson & Frank 2009, Nat Neurosci. 5.Diba & Buzsaki, 2007, Nat Neurosci. 6.Peigneux et al. 2006, PLoS Biology. 7.Murty, Adcock et al. 2017, JNeuro. 8.Brokaw et al. 2016, Neurobio of Learning and Mem. 9. Dewar et al. 2014, PLoS One. 10. Craig et al. 2015, 2016, 2018, 2019.





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Self-reported stimulus-mentation is not related

Endogenous processes that occur during post-encoding rest periods are sufficient for reward-related memory