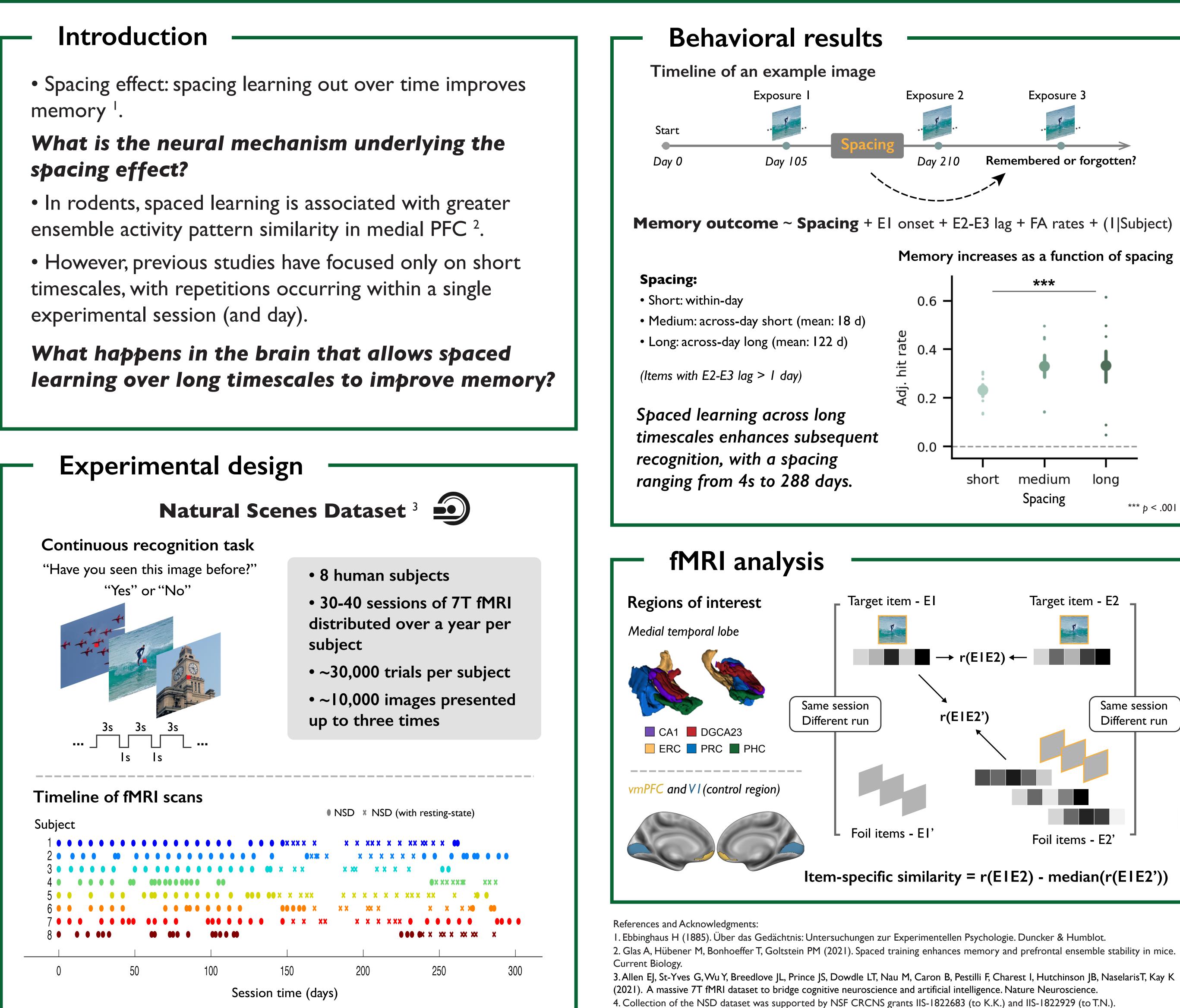
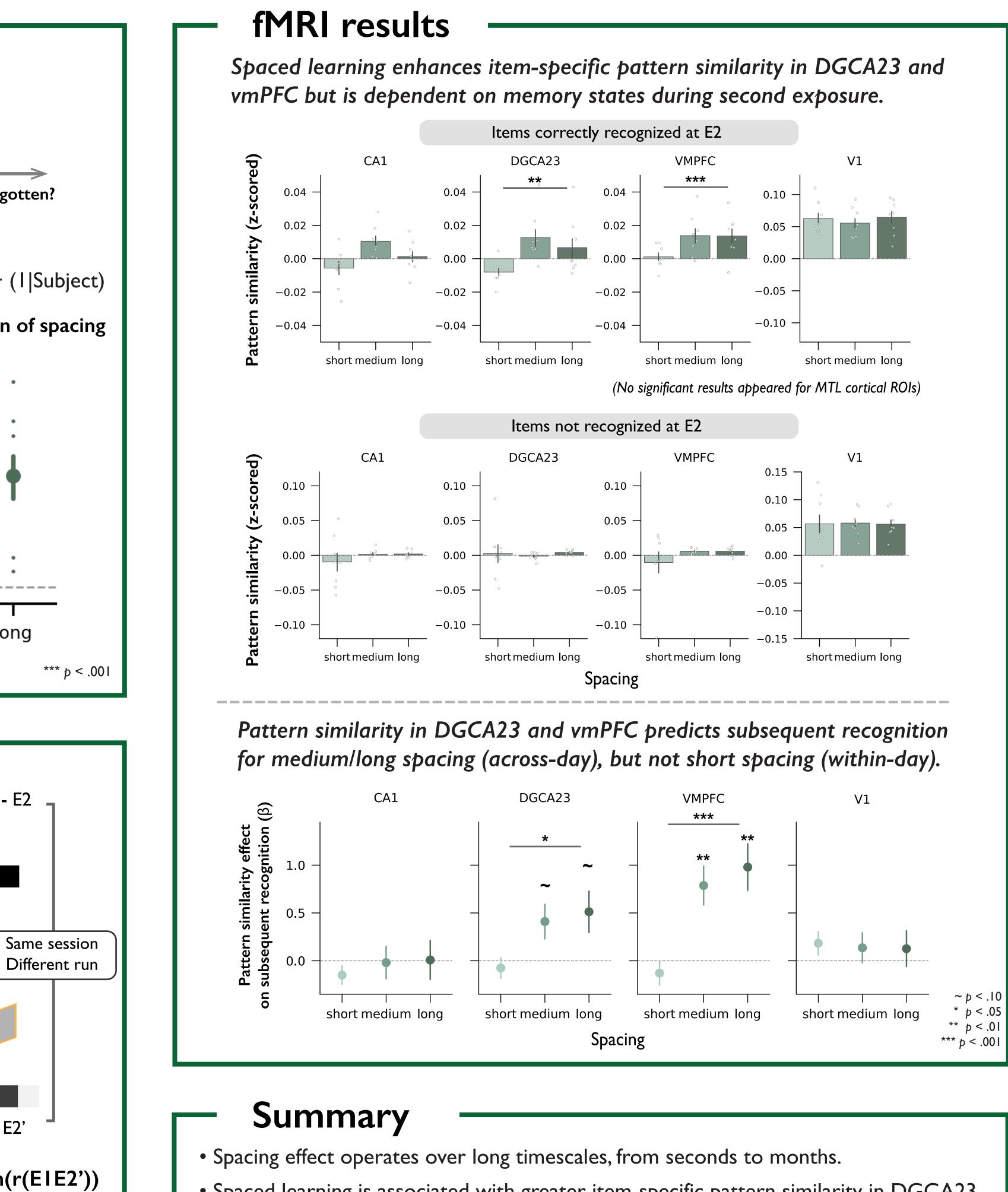
## Time-dependent contributions of hippocampus and vmPFC to distributed learning

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long

Target item - E2

Foil items - E2'

Exposure 3

• Spaced learning is associated with greater item-specific pattern similarity in DGCA23 and vmPFC. • Subsequent recognition is predicted by pattern similarity in DGCA23 and vmPFC, but only for spaced (across-day) learning.

Spaced learning enhances neural pattern similarity in DGCA23 and vmPFC, thus strengthening memory and increasing the probability of subsequent recognition.

