# Supplementary Information

# for

# Effects of schema on the relationship between post-encoding brain connectivity and subsequent durable memory

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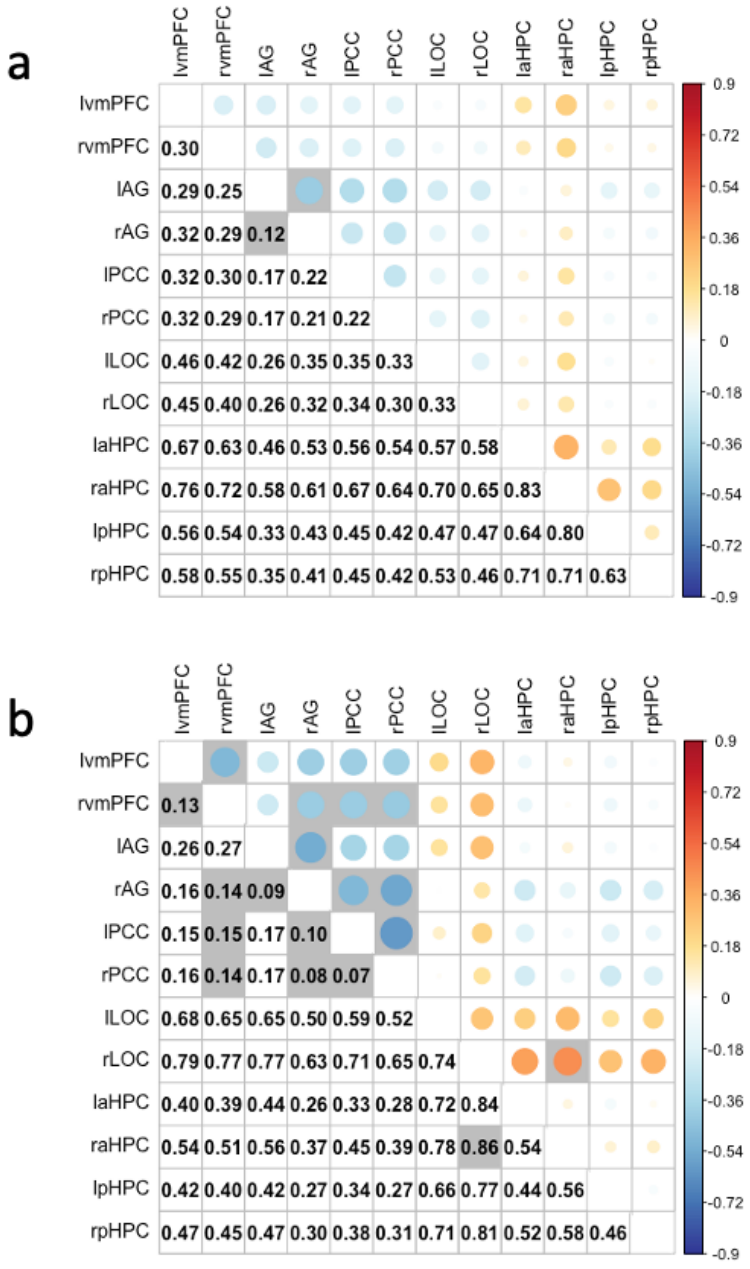


**Figure S1.** Association between brain connectivity and delayed memory performance in the schema-C condition (a) and schema-IC condition (b) for the 23 participants. On each of the two panels, the matrix shows region pair effects: the upper triangle illustrates the magnitude of the Fisher-transformed *z*-value, indicated by circle size and colour, and the lower triangle contains the P+ value， P+ ≥ 0.85 or ≤ 0.15 are marked with grey colour.

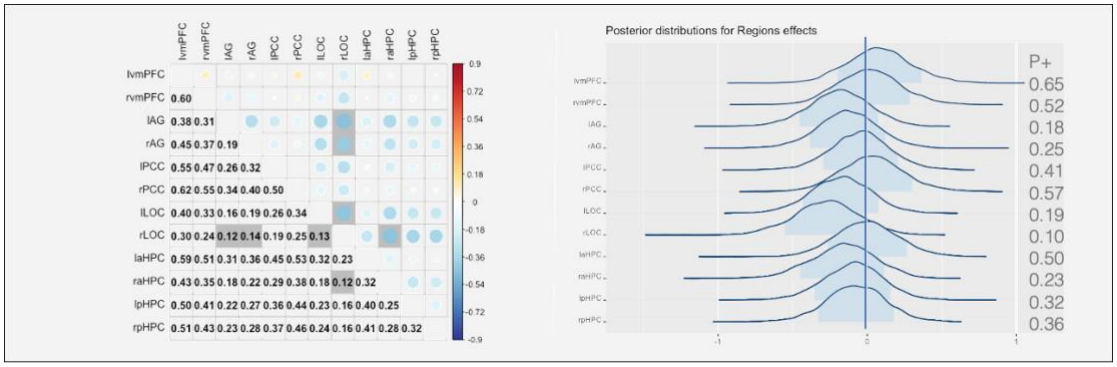


**Figure S3.** Association between brain connectivity and delayed memory performance for the 17 participants who demonstrated a schema effect. On the left panel, the matrix shows region pair effects: the upper triangle illustrates the magnitude of the Fisher-transformed z-value, indicated by circle size and colour, and the lower triangle contains the P+ value，P+ $\geqslant$ 0.85 or $\leqslant$ 0.15 are marked with grey colour. On he right panel are the posterior distributions for the region effects.

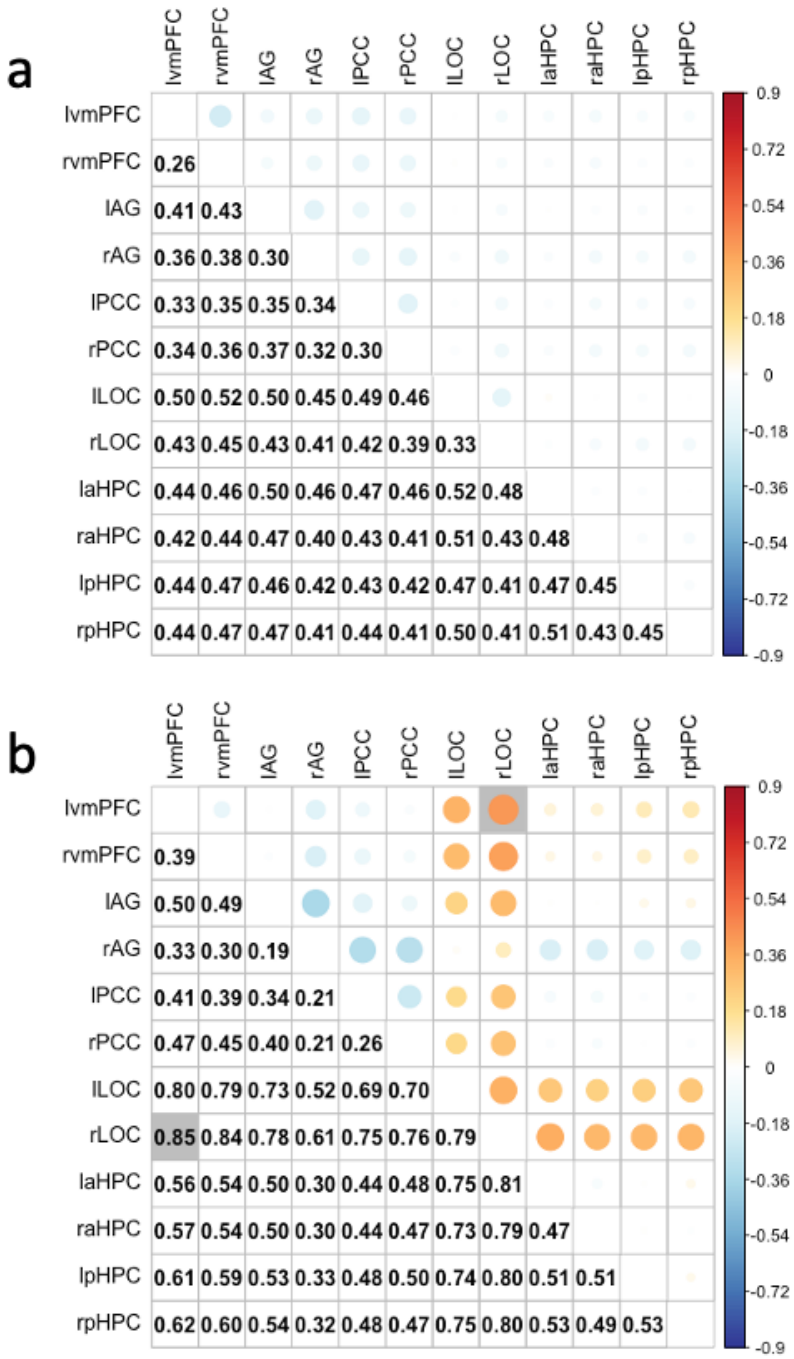


**Figure S3.** Association between post-encoding brain connectivity and immediate memory performance in all 23 participants. (a) Schema-C condition and (b) schema-IC condition. On each of the two panels, the matrix shows region pair effects: the upper triangle illustrates the magnitude of the Fisher-transformed z-value, indicated by circle size and colour, and the lower triangle contains the P+ value, P+ ≥ 0.85 or ≤ 0.15 are marked with grey colour.

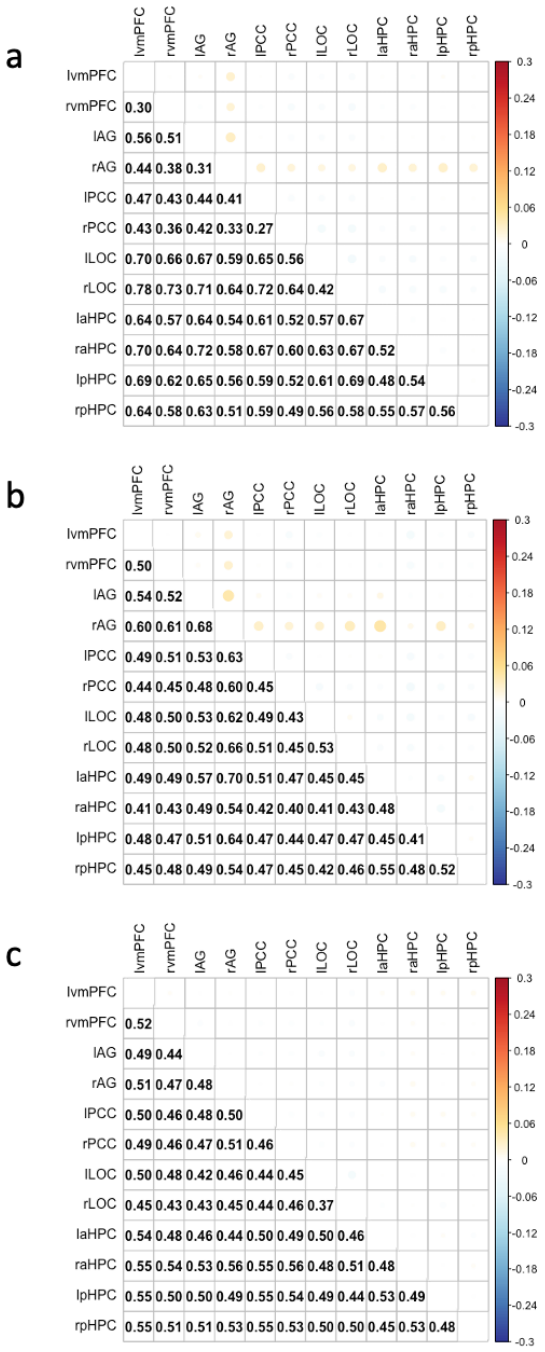


**Figure S4.** Effects of schema condition on post-encoding brain connectivity in all 23 participants. (A) Schema-C vs. Baseline, (B) Schema-IC vs. Baseline and (B) Schema-C vs. Schema-IC. The matrix shows region pair effects: the upper triangle illustrates the magnitude of the Fisher-transformed *z*-value, indicated by circle size and colour, and the lower triangle contains the P+ value.

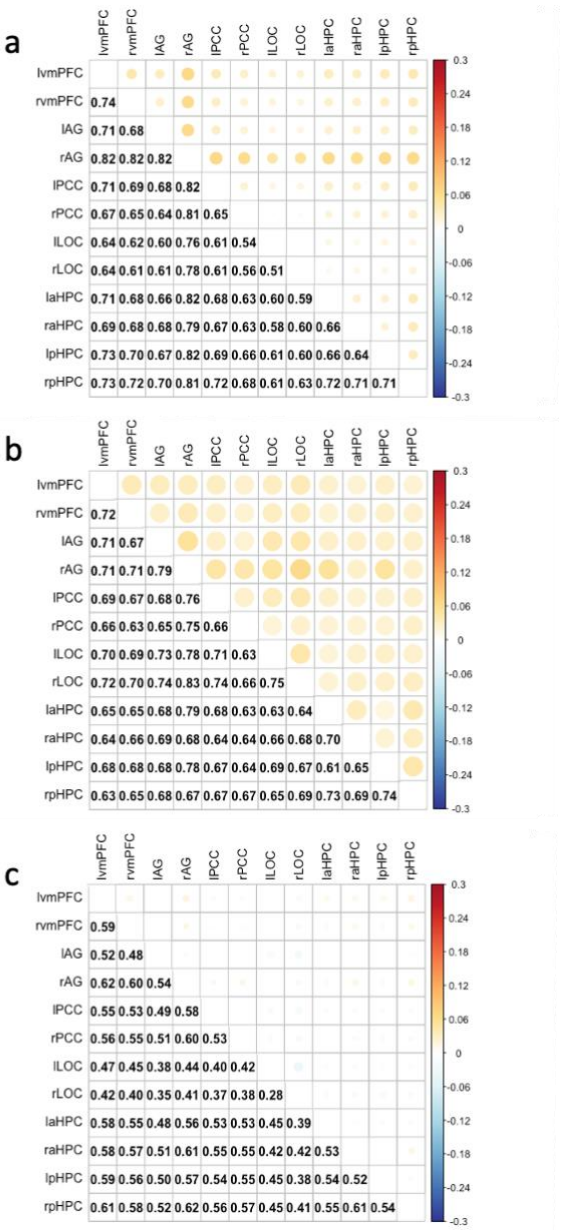


**Figure S5.** Effects of schema condition on post-encoding brain connectivity in 17 participants who demonstrated a schema effect. (A) Schema-C vs. Baseline, (B) Schema-IC vs. Baseline and (B) Schema-C vs. Schema-IC. The matrix shows region pair effects: the upper triangle illustrates the magnitude of the Fisher-transformed *z*-value, indicated by circle size and colour, and the lower triangle contains the P+ value.