Participants:
Young adults (n = 18): 20 - 23 years
Older children (n = 20) in grade 5: 9 - 11 years
Young children (n = 20) in grade 2: 7 - 8 years

ERP and behavioral data during episodic memory and cognitive control paradigm, plus selected neuropsychological tests (t1 plus 2-year follow-up)

**Cognitive Control**

**Episodic Memory**

**Retrieval**

- ongoing development of conflict monitoring

- all groups θ ↑ α ↓

- prefrontal θ during intentional learning

- no overall age effects

- adults in particular improve after intentional encoding for changed exemplars

- age groups differ in early retrieval processes, but all rely on recollection

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