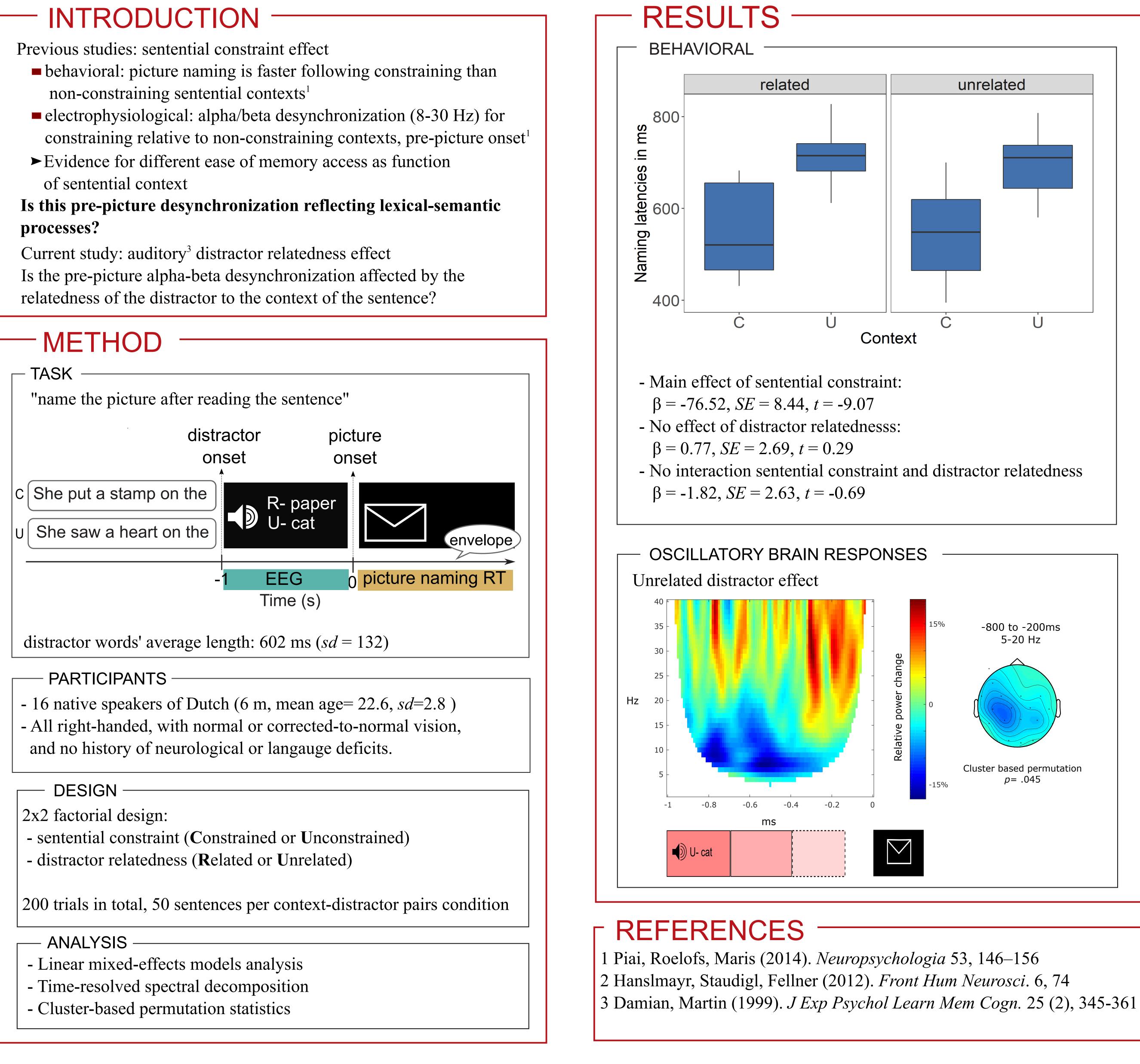
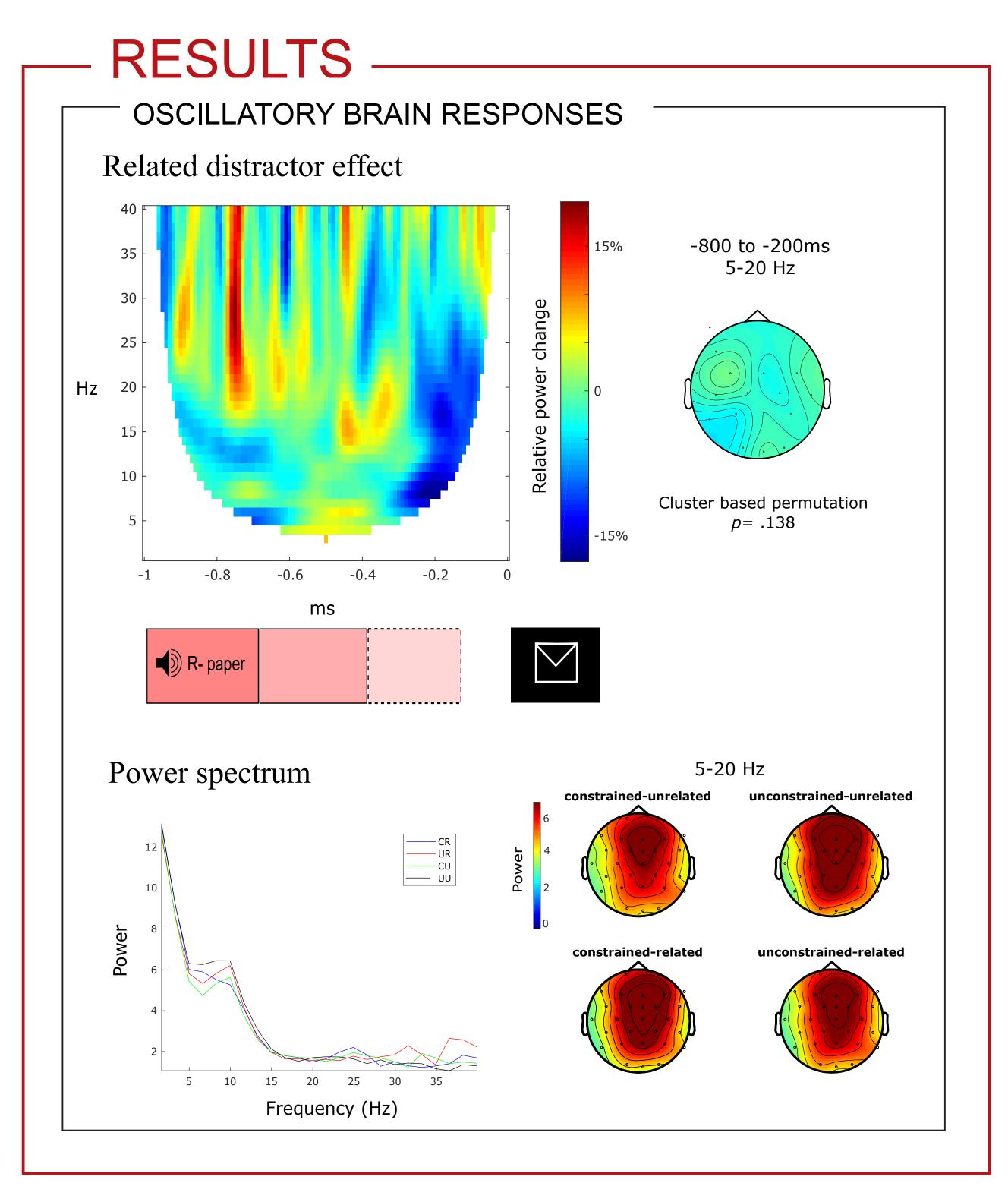
The lexical nature of alpha-beta desynchronisation in context-driven word production Elena Rossetto¹, Jana Klaus¹, Vitória Piai^{1,2}

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- non-constraining sentential contexts¹
- of sentential context





- CONCLUSIONS

- the distractor manipulation.
- The context-related alpha-beta desynchronization pre-picture onset was observed only when distractors were semantically unrelated to the picture.
- ► unrelated distractor: more information to encode, higher desynchronization.²
- related distractor: more lexical competition that needs to be inhibited through more synchronization², which results in the disappearance of the context effect







The behavioral context effect was replicated but was not modulated by

Alpha-beta desynchronization appears to be modulated by the relatedness of the distractors, showing a possible electrophysiological signature of lexical-semantic retrieval mechanisms during context-

