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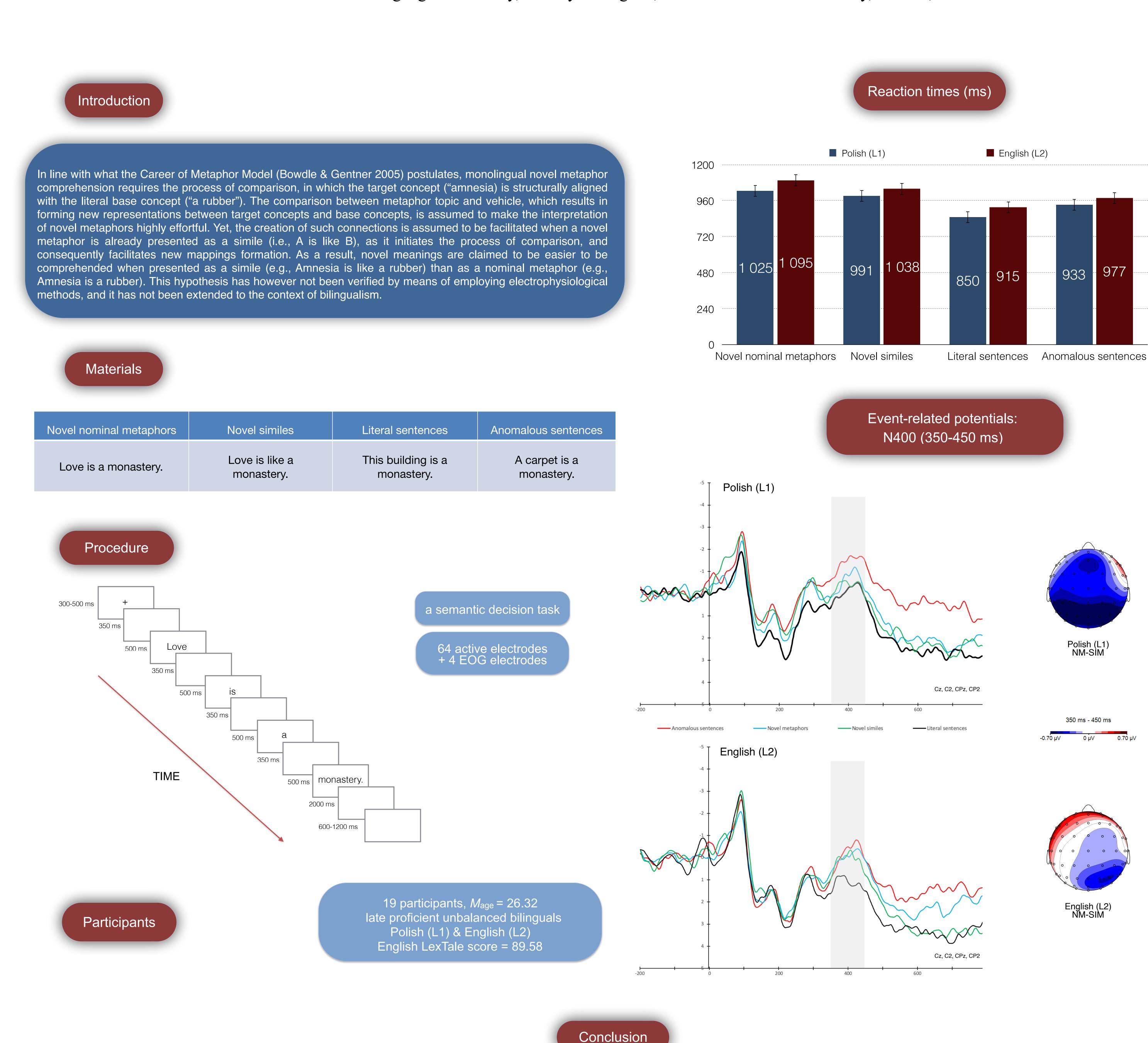
Psychophysiological correlates of novel meaning processing in bilingualism



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Electrophysiological results observed within the N400 time window (350-450 ms) revealed that in the native language (Polish), comparison mechanisms initiated when processing similes facilitated novel metaphor processing, as reflected in a graded N400 effect from literal sentences to novel similes, novel nominal metaphors, and finally anomalous sentences. In the non-native language (English), in contrast, both novel nominal metaphors and novel similes were processed similarly to the anomalous condition, which is consequently indicative of more cognitively intensive processes engaged in novel meaning conceptual mapping in L2, irrespectively of sentence structure.

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