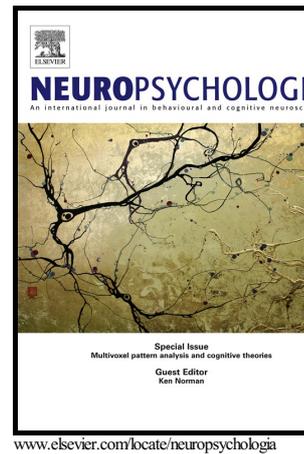


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The heterogeneity of verbal short-term memory impairment in aphasia

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THE HETEROGENEITY OF VERBAL SHORT-TERM MEMORY IMPAIRMENT
IN APHASIA

Short title: VERBAL STM IN APHASIA

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ABSTRACT

Verbal short-term memory (STM) impairment represents a frequent and long-lasting deficit in aphasia, and it will prevent patients from recovering fully functional language abilities. The aim of this study was to obtain a more precise understanding of the nature of verbal STM impairment in aphasia, by determining whether verbal STM impairment is merely a consequence of underlying language impairment, as suggested by linguistic accounts of verbal STM, or whether verbal STM impairment reflects an additional, specific deficit. We investigated this question by contrasting item-based STM measures, supposed to depend

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