Accepted Manuscript

Frontal–posterior theta oscillations reflect memory retrieval during sentence comprehension

Lars Meyer, Maren Grigutsch, Noura Schmuck, Phoebe Gaston, Angela D. Friederici

Cortex

Parameter and the para

PII: S0010-9452(15)00239-7

DOI: 10.1016/j.cortex.2015.06.027

Reference: CORTEX 1525

To appear in: Cortex

Received Date: 18 December 2014

Revised Date: 27 April 2015 Accepted Date: 30 June 2015

Please cite this article as: Meyer L, Grigutsch M, Schmuck N, Gaston P, Friederici AD, Frontal–posterior theta oscillations reflect memory retrieval during sentence comprehension, *CORTEX* (2015), doi: 10.1016/j.cortex.2015.06.027.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Frontal-posterior theta oscillations reflect memory retrieval during sentence comprehension

Running title: Retrieval-related theta oscillations during sentence comprehension

Lars Meyer*,^a, Maren Grigutsch^a, Noura Schmuck^b, Phoebe Gaston^c, Angela D. Friederici^a

^aDepartment of Neuropsychology, Max Planck Institute for Human Cognitive and Brain Sciences, 04303 Leipzig, Germany; ^bDepartment of English and Linguistics, Johannes Gutenberg University, 55128 Mainz, Germany; ^cNeuroscience of Language Laboratory, New York University, New York, NY 10003, USA

*Corresponding author: Lars Meyer, Department of Neuropsychology, Max Planck Institute for Human Cognitive and Brain Sciences, 04303 Leipzig, Germany; lmeyer@cbs.mpg.de; 0049 341 9940 2266

Keywords: sentence comprehension, time–frequency analysis, source localization, theta oscillations, verbal working memory

Download English Version:

https://daneshyari.com/en/article/7314021

Download Persian Version:

https://daneshyari.com/article/7314021

<u>Daneshyari.com</u>