### Accepted Manuscript

Dynamic coupling of complex brain networks and dual-task behavior

Mohsen Alavash, Christiane M. Thiel, Carsten Gießing

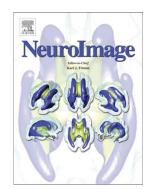
PII: \$1053-8119(16)00034-3

DOI: doi: 10.1016/j.neuroimage.2016.01.028

Reference: YNIMG 12887

To appear in: NeuroImage

Received date: 31 July 2015 Accepted date: 12 January 2016



Please cite this article as: Alavash, Mohsen, Thiel, Christiane M., Gießing, Carsten, Dynamic coupling of complex brain networks and dual-task behavior, *NeuroImage* (2016), doi: 10.1016/j.neuroimage.2016.01.028

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**

## Dynamic coupling of complex brain networks and dual-task behavior

Revision Nov 2015

	Dynamic brain networks and dual-task behavior
Keywords	dual-task accuracy, behavioral fluctuations, dynamic network topology, temporal
	brain graphs, fMRI
Author information	Mohsen Alavash <sup>1</sup> , Christiane M. Thiel <sup>1,2,3</sup> , Carsten Gießing <sup>1,2</sup>
	<sup>1</sup> Biological Psychology Lab, Department of Psychology, European Medical
	School, Carl von Ossietzky Universität Oldenburg, 26111 Oldenburg, Germany
	<sup>2</sup> Research Center Neurosensory Science, Carl von Ossietzky Universität
	Oldenburg, 26111 Oldenburg, Germany
	<sup>3</sup> Cluster of Excellence Hearing4all, Carl von Ossietzky Universität Oldenburg,
	26111 Oldenburg, Germany
E-mail addresses in	mohsen.alavash@uni-oldenburg.de
the order of	christiane.thiel@uni-oldenburg.de
authorship	carsten.giessing@uni-oldenburg.de
Corresponding	Mohsen Alavash
author	Department of Psychology, Carl von Ossietzky Universität Oldenburg
	Ammerländer Heer St. 114-118
	26111 Oldenburg
	Germany
	Phone: +49 441 798 4385
	Fax: +49 441 798 5522
Number of	Pages: 57 Figures: 4 Supp. Figures: 7
Number of words	Abstract: 288 Introduction: 831 Discussion: 3849
Acknowledgements	M. A. and C. G. are supported by the Hanse-Wissenschaftskolleg. Parts of the
	analyses were performed at the High Performance Computer Cluster HERO,
	located at the University of Oldenburg (Germany) and funded by the DFG
	through its Major Research Instrumentation Program (INST 184/108-1 FUGG)
	and the Ministry of Science and Culture (MWK) of the Lower Saxony State. The
	authors declare no competing financial interests.

#### Download English Version:

# https://daneshyari.com/en/article/6023951

Download Persian Version:

https://daneshyari.com/article/6023951

Daneshyari.com