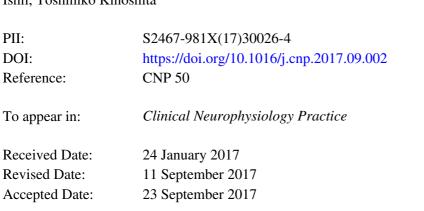
### Accepted Manuscript

### Research paper

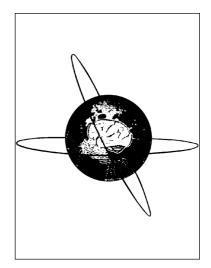
Functional localization and effective connectivity of cortical theta and alpha oscillatory activity during an attention task

Yuichi Kitaura, Keiichiro Nishida, Masafumi Yoshimura, Hiroshi Mii, Koji Katsura, Satsuki Ueda, Shunichiro Ikeda, Roberto D Pascual-Marqui, Ryouhei Ishii, Toshihiko Kinoshita



Please cite this article as: Y. Kitaura, K. Nishida, M. Yoshimura, H. Mii, K. Katsura, S. Ueda, S. Ikeda, R.D. Pascual-Marqui, R. Ishii, T. Kinoshita, Functional localization and effective connectivity of cortical theta and alpha oscillatory activity during an attention task, *Clinical Neurophysiology Practice* (2017), doi: https://doi.org/10.1016/j.cnp.2017.09.002

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

## Functional localization and effective connectivity of cortical theta and alpha oscillatory activity during an attention task

Yuichi Kitaura<sup>1</sup>, Keiichiro Nishida<sup>1</sup>, Masafumi Yoshimura<sup>1</sup>, Hiroshi Mii<sup>1,2</sup>,

Koji Katsura<sup>1</sup>, Satsuki Ueda<sup>1</sup>, Shunichiro Ikeda<sup>1</sup>, Roberto D

Pascual-Marqui<sup>1,3</sup>, Ryouhei Ishii<sup>4</sup>, Toshihiko Kinoshita<sup>1</sup>

- 1. Department of Neuropsychiatry, Kansai Medical University, Osaka, Japan
- 2. Setagawa Hospital, Otsu, Japan

3. The KEY Institute for Brain-Mind Research, University of Zurich, Zurich, Switzerland

4. Osaka University Graduate School of Medicine, Department of Psychiatry and Clinical Neuroscience, Suita, Japan

#### Keywords:

quantitative EEG; sLORETA; iCoh; directional connectivity; frontal midline theta;

attention network; mental arithmetic; fronto-parietal network, directional flow,

attention task, Granger causality.

Download English Version:

# https://daneshyari.com/en/article/8683385

Download Persian Version:

https://daneshyari.com/article/8683385

Daneshyari.com