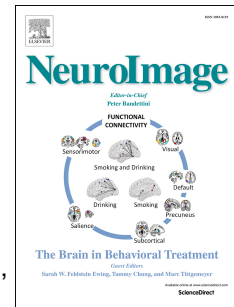


Accepted Manuscript

Comparing multilayer brain networks between groups: Introducing graph metrics and recommendations

Kanad Mandke, Jil Meier, Matthew J. Brookes, Reuben D. O'Dea, Piet Van Mieghem, Cornelis J. Stam, Arjan Hillebrand, Prejaas Tewarie



PII: S1053-8119(17)30923-0

DOI: [10.1016/j.neuroimage.2017.11.016](https://doi.org/10.1016/j.neuroimage.2017.11.016)

Reference: YNIMG 14463

To appear in: *NeuroImage*

Received Date: 13 July 2017

Revised Date: 27 September 2017

Accepted Date: 8 November 2017

Please cite this article as: Mandke, K., Meier, J., Brookes, M.J., O'Dea, R.D., Van Mieghem, P., Stam, C.J., Hillebrand, A., Tewarie, P., Comparing multilayer brain networks between groups: Introducing graph metrics and recommendations, *NeuroImage* (2017), doi: 10.1016/j.neuroimage.2017.11.016.

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.

Comparing multilayer brain networks between groups: introducing graph metrics and recommendations

Kanad Mandke^a, Jil Meier^{b,c}, Matthew J. Brookes^d, Reuben D. O'Dea^e, Piet Van Mieghem^b, Cornelis J. Stam^f, Arjan Hillebrand^f, Prejaas Tewarie^{*d}

^a School of Psychology, University of Nottingham, Nottingham, United Kingdom

^b Delft University of Technology, Faculty of Electrical Engineering, Mathematics and Computer Science, Delft, The Netherlands

^c Brain Center Rudolf Magnus, Department of Psychiatry, University Medical Center Utrecht, Utrecht, The Netherlands

^d Sir Peter Mansfield Imaging Centre, School of Physics and Astronomy, University of Nottingham, Nottingham, United Kingdom

^e School of Mathematical Sciences, University of Nottingham, Nottingham, United Kingdom

^f Department of Clinical Neurophysiology and MEG Center, VU University Medical Center, Amsterdam, The Netherlands

Page count: 35

Word count: 13266 (incl. references)

Figures: 8

*Corresponding author

Dr. Prejaas Tewarie

Sir Peter Mansfield Imaging Centre

School of Physics and Astronomy

University of Nottingham

University Park

Nottingham

Email: prejaas.tewarie@nottingham.ac.uk

Tel: +44(0)1159514747

Download English Version:

<https://daneshyari.com/en/article/8687376>

Download Persian Version:

<https://daneshyari.com/article/8687376>

[Daneshyari.com](https://daneshyari.com)