



# Corrigendum: Altered Brain Microstate Dynamics in Adolescents With Narcolepsy

Natasha M. Drissi<sup>1,2</sup>, Attila Szakács<sup>3†</sup>, Suzanne T. Witt<sup>2†</sup>, Anna Wretman<sup>4</sup>, Martin Ulander<sup>5</sup>, Henriettae Ståhlbrandt<sup>6</sup>, Niklas Darin<sup>3</sup>, Tove Hallböök<sup>3</sup>, Anne-Marie Landtblom<sup>5,7</sup> and Maria Engström<sup>1,2\*</sup>

<sup>1</sup> Department of Medical and Health Sciences (IMH), Linköping University, Linköping, Sweden, <sup>2</sup> Center for Medical Image Science and Visualization (CMIV), Linköping University, Linköping, Sweden, <sup>3</sup> Department of Paediatrics, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden, <sup>4</sup> Department of Behavioral Science and Learning, Linköping University, Linköping, Sweden, <sup>5</sup> Department of Clinical and Experimental Medicine, Linköping University, Linköping, Sweden, <sup>6</sup> Department of Radiology, Medical Diagnostics, Highland Hospital, Eksjö, Sweden, <sup>7</sup> Department of Neurology, Uppsala University, Uppsala, Sweden

## OPEN ACCESS

### Edited and reviewed by:

Mingzhou Ding,  
University of Florida, United States

### \*Correspondence:

Maria Engström  
maria.engstrom@liu.se

<sup>†</sup>These authors have contributed  
equally to this work

### Specialty section:

This article was submitted to  
Brain Imaging and Stimulation,  
a section of the journal  
Frontiers in Human Neuroscience

**Received:** 23 September 2019

**Accepted:** 15 October 2019

**Published:** 06 November 2019

### Citation:

Drissi NM, Szakács A, Witt ST,  
Wretman A, Ulander M,  
Ståhlbrandt H, Darin N, Hallböök T,  
Landtblom A-M and Engström M  
(2019) Corrigendum: Altered Brain  
Microstate Dynamics in Adolescents  
With Narcolepsy.  
*Front. Hum. Neurosci.* 13:385.  
doi: 10.3389/fnhum.2019.00385

**Keywords:** narcolepsy, default mode network, functional magnetic resonance imaging (fMRI), electroencephalography (EEG), microstates, resting state networks, orexin, sleep

## A Corrigendum on

### Altered Brain Microstate Dynamics in Adolescents with Narcolepsy

by Drissi, N. M., Szakács, A., Witt, S. T., Wretman, A., Ulander, M., Ståhlbrandt, H., et al. (2016). *Front. Hum. Neurosci.* 10:369. doi: 10.3389/fnhum.2016.00369

In the original article, there was a mistake in the legend for **Figure 2** as published. The legend states that the error bars represent the standard deviation, this is incorrect. The error bars in Figure 2 represent the standard error. The correct legend appears below.

Additionally, in the original article, there was a mistake in **Figure 2** as published. The figure legend indicating which bars represent narcolepsy and control have been reversed, so that the diagonal stripes are incorrectly shown to represent the narcolepsy group while the dots represent the control group. This should be reversed to be in line with the data in Table 3 as well as in the Results, where the group differences are described correctly. The corrected **Figure 2** appears below.

The authors apologize for these errors and state that they do not change the scientific conclusions of the article in any way. The original article has been updated.

Copyright © 2019 Drissi, Szakács, Witt, Wretman, Ulander, Ståhlbrandt, Darin, Hallböök, Landtblom and Engström. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

