

Author's Accepted Manuscript

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PII: S0165-0327(17)31498-2
DOI: <https://doi.org/10.1016/j.jad.2017.12.075>
Reference: JAD9483

To appear in: *Journal of Affective Disorders*

Received date: 19 July 2017
Revised date: 19 October 2017
Accepted date: 31 December 2017

Cite this article as: Peng Liu, Ying Wei, Yingying Fan, Ru Li, Yanfei Liu, Geliang Wang, Yichen Wei, Yong Pang, Demao Deng and Wei Qin, Altered brain structure in women with premenstrual syndrome, *Journal of Affective Disorders*, <https://doi.org/10.1016/j.jad.2017.12.075>

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Altered brain structure in women with premenstrual syndrome

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Abstract

Background:

Functional brain abnormalities have been noted in premenstrual syndrome (PMS). However, the brain structural alterations related to PMS remain unclear. This study aimed to identify possible abnormalities in gray matter (GM) volumes and structural covariance patterns among PMS patients.

Methods:

Structural magnetic resonance imaging data were obtained from 20 PMS patients and 20 healthy controls. Voxel-based morphometry (VBM) analysis

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