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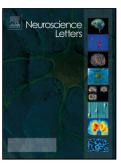
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### ACCEPTED MANUSCRIPT

Differentiation of patients with chronic Post Traumatic Stress Disorder from healthy subjects using objective and subjective sleep-related parameters

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**Running title:** Classification of PTSD

#### Highlights:

- Classification accuracy using subjective sleep-related parameters was superior to objective measurements to differentiate chronic PTSD patients from healthy subjects.
- Combination of subjective and objective sleep-related parameters assessment appears to improve the classification accuracy for differentiating PTSD patients from healthy individuals.

Count: Title (18),

Abstract (215), Text (3292), References (51), Figure (1), Table (2).

Conflict of interest statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

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