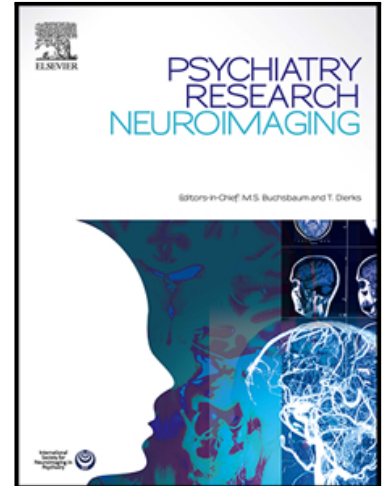


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Neural correlates of response bias: Larger hippocampal volume correlates with symptom aggravation in combat-related posttraumatic stress disorder

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Highlights

- PTSD is vulnerable to malingering as diagnosis is based on self-reported symptoms and is often associated with personal or financial gain.
- In PTSD neuroimaging research, methods to ensure the validity of a clinical diagnosis, such as the use of symptom validity tests, are rarely applied.
- The potential impact of including malingerers along with credible PTSD patients on results is unknown.
- We compare gray matter volume in malingerers and credible PTSD patients.
- Malingerers display larger gray matter volumes in regions involved in PTSD, inhibition and deception, including the hippocampus.
- Findings emphasize the need to distinguish malingerers from credible patients to ensure the robustness and reliability of experimental results.

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