

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 88485

Title: Functional MRI study of group independent components underpinning item responses to paranoid-depressive scale

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05401900

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Iran

Author's Country/Territory: Bulgaria

Manuscript submission date: 2023-09-28

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-02 10:17

Reviewer performed review: 2023-11-03 14:53

Review time: 1 Day and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Thanks for posting this draft. The manuscript was very interesting. The manuscript is well organized and follows a clear flow. But an article with this title (Group independent components underpin responses to items from a depression scale)(<https://doi.org/10.1017/neu.2023.22>) has been published by these authors in Acta Neuropsychiatrica journal, which overlaps with this draft to some extent.

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Title: Functional MRI study of group independent components underpinning item responses to paranoid-depressive scale

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00646711

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Bulgaria

Manuscript submission date: 2023-09-28

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-04 14:11

Reviewer performed review: 2023-11-04 15:32

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The aim of the current study is to investigate if there are specific neural circuits underpinning differential item responses to depressive, paranoid and neutral items in patients with schizophrenia and major depressive disorder. I've found this study interesting and up-to-date. I have only minor suggestions:

- Introduction: "The aim of the current study is to investigate whether there exists..." please correct with "whether common and specific neural circuits exist, which..."
- Subjects: "was performed by a board certified psychiatrists" please correct with "was performed by a board certified psychiatrist"
- "after that patients" please correct with "after that, patients..."
- MADRS and PANSS: please add references for these scales
- Table 1: Please explain what MADRS and PANSS are for.
- In the text, authors refer to depression with DEP or D. Please use one abbreviation and correct.
- Conclusion: This section needs a broader explanation of the results obtained.
- Please correct typos in the text.