

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Psychiatry*

**Manuscript NO:** 90197

**Title:** Causal Relationship Between Feelings and Cognitive Decline: A Univariable and Multivariable Mendelian Randomization Study

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06520568

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor, Researcher

**Reviewer's Country/Territory:** Pakistan

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-11-30

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-12-04 10:52

**Reviewer performed review:** 2023-12-15 06:19

**Review time:** 10 Days and 19 Hours

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 Grade E: Do not publish
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

<b>Scientific significance of the conclusion in this manuscript</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

Several devastating health problems are focus on pathologies of feelings. Many neuropsychiatric disorders exhibit severe deficits in both cognition and feelings, including Alzheimer's disease, autism, and schizophrenia. It currently remains unclear how feelings influence cognition. Mendelian randomization can be considered a natural randomized controlled trial for the assumption that the alleles of genetic variants associated with exposure were randomly assigned. The authors conducted a two-sample Mendelian randomization analysis to explore the causal relationship between feelings and cognition. The study is well performed, methods are described in detail. Well done study. Minor comments: 1. The manuscript requires a minor language editing. 2. Format of the manuscript should be updated according to the journal's guideline. 3. Images should be improved.