

OPEN PEER REVIEW

The Role of Environmental and Socioeconomic Factors in Mental Health Well-being: Insight from Jordan

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1. Round 1

1.1. Reviewer 1

Reviewer:

The sentence "These conditions can influence mental well-being, resulting in sustained feelings of sadness, worry, and hopelessness..." could be made more concise and impactful by avoiding redundancy. Consider rephrasing to: "These conditions lead to prolonged sadness, worry, and hopelessness, significantly impairing mental well-being."

While the authors note that the Likert-scale questionnaire was designed by them, no validation or reliability testing is described. This is a critical omission. Please include Cronbach's alpha or any piloting process if available.

The sentence "The depression mean score was 7.32 (SD \pm 5.323) with 14.4% had extremely severe symptoms" has grammatical errors. Suggested revision: "The mean depression score was 7.32 (SD = 5.323), and 14.4% of participants exhibited extremely severe symptoms."

The sentence "the probability was 3.6 fold higher for anxiety and 4.8 folds higher for depression..." should be revised for clarity. Correct usage would be "3.6-fold" and "4.8-fold," not "folds."

The statement "Environmental psychology is a branch of psychology that studies the interaction between people, and their environment..." is overly basic for a scientific audience. Consider elaborating briefly on theoretical underpinnings or key constructs.

Authors revised the manuscript and uploaded the document.

1.2. Reviewer 2

Reviewer:

The phrase "For some people, visiting green areas is part of their routine, for others, this opportunity may be not available" has awkward syntax. Consider revising to: "For some individuals, visiting green areas is a routine activity; for others, such access may be limited or unavailable."

The sentence "Socioeconomic factors such as housing stability and financial affordability are fundamental for human mental well-being..." lacks citation and would benefit from integration of a specific supporting study (e.g., Kim & Burgard, 2022) directly into the argument.

The authors claim, "...practicing physical activities in green areas is more influential..." but do not provide effect sizes or comparisons. Please specify the magnitude of difference reported in Song et al. or Mackay & Neill studies if possible.

The transition into the discussion of housing instability feels abrupt. Consider introducing the theme with a synthesis sentence linking socioeconomic vulnerability and psychological risk.

Authors revised the manuscript and uploaded the document.

2. Revised

Editor's decision: Accepted.

Editor in Chief's decision: Accepted.