

Peer Review

Review of: "Prevalence, Patterns, and Correlates of Depression Among Drug-Susceptible Tuberculosis Patient Enrollees in Ogbomoso, Oyo State: A Cross-Sectional Study"

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Reviewer Comments on the Manuscript

The study addresses an important public health issue by examining the prevalence and correlates of depression among drug-susceptible tuberculosis (TB) patients in Ogbomoso, Nigeria. The findings highlight a high prevalence of depression (55.9%) in this population, with significant associations identified for factors such as education level, HIV co-infection, and socioeconomic status. The study is well-structured and methodologically sound, but several areas require clarification and improvement.

Regarding socioeconomic status and education level, you noted that individuals with no formal education, low socioeconomic status, and comorbidities such as TB/HIV and diabetes mellitus were statistically associated with depression. What about gender? i.e., Which group shows a higher association with depression—males or females? Similarly, how does marital status correlate with depression?

The exclusion of severely ill, newly diagnosed, and extra-pulmonary TB patients may limit generalizability. Clarify how these exclusions might bias the results.

Data were collected from 21st January 2025 to 31st January 2024. Not clear.

According to the author's classification, respondents with depression were categorized as having mild, moderate, or moderately severe depression. Could you clarify the specific criteria used for this categorization?

- The inverse association between no formal education and depression (AOR = 0.175, $p = 0.001$) contradicts existing literature. The authors should:

Discuss potential explanations (e.g., selection bias, cultural factors, or healthcare access disparities).

Thank you for the opportunity to review this important work. I look forward to seeing the revised manuscript.

Declarations

Potential competing interests: No potential competing interests to declare.