

# Review of: "Internal migration and mental disorders among the adult population: a community-based cross-sectional study in Nepal"

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Potential competing interests: No potential competing interests to declare.

The article is clear and complete. Below are some suggestions:

1. The question on anxiety and depression used in the study requires a medical diagnosis. Therefore, the prevalence figure refers to those who had access to health services and went to a doctor for their health problem. Data don't include those who, despite declaring themselves to be suffering from anxiety and/or depression, have not visited a doctor, psychiatrist, or psychologist. It would be important to confirm the results obtained with this question also by using other questions, if available, that detect self-perceived status. The fact that the variable referred to as a self-reported health condition increases seven times the likelihood of suffering from anxiety and depression suggests that the psychological aspect plays an important role in the overall assessment of one's health status. It would be interesting to investigate the results of the logistic regression model considering the self-perceived psychic status as the dependent variable.
2. The probability of suffering from anxiety or depression could depend on the number of years since migration. It is suggested to replicate the logistic model also by introducing the variable "number of years since migration" as a qualitative variable in classes of duration instead of the dichotomous variable Yes/No.
3. Bivariate logistic regression analysis is not relevant regarding the objective of the study, and it adds nothing to the analysis of the results. It only suggests that some variables, if not controlled for by other confounding factors, would appear to have an impact on the response variable. Therefore, it is suggested that Table 3 be removed and the results of the multivariate logistic regression analysis be presented directly.