Author’s response to reviews

Title: Prevalence and Factors Associated with Major Depressive Disorder in Children and Adolescents at the Uganda Cancer Institute

Authors:

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RESPONSE TO REVIEWERS COMMENTS

COMMENT: The estimated power in the sample size determination was too small.

RESPONSE: Thank you for these comments. This was a typing error and has been corrected, a power of 0.8 was used in the sample size estimation instead of 0.08. Please see page 6.

COMMENT: All given logistic regression models should have each variable's reference identified in the tables.

RESPONSE: Reference variables have been included for all the logistic regression models in the tables. Please see pages 11 -15.

COMMENT: R-square of the multiple logistic regression model should be reported.

RESPONSE: The R-square has been reported in the results section, please see page 14.

COMMENT: Three variables (Residing in Eastern Uganda, Residing in Northern Uganda, and Married/co-habiting caregiver) had their lower limits of 95% confidence interval nearly 1.0. These three may not be included in the final multiple logistic regression model.

RESPONSE: We have clarified that in our bivariate analyses, factors that were associated with major depression at a significance level of (p ≤ 0.2) were included in a multi-variate logistic regression model. In our multivariate model we have shown both those factors that retained significance at the level of (p ≤ 0.05) and those that did not. Please see Table 5.
COMMENT: The interpretation of bivariate logistic regression and multiple logistic regression are very limited. It is not clear how much the author understood the results.

RESPONSE: We have re-written the section on statistical analysis and results. We have clarified the difference between bivariate and multivariate analysis.