Review of: "Risk Factors and Predictors of Severe Acute Malnutrition Among 6-59 Months Children in Lumbini Province, Nepal: A Facility-Based Cross-Sectional Study"

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Potential competing interests: No potential competing interests to declare.

Thank you for invite me to review the manuscript “Risk Factors and Predictors of Severe Acute Malnutrition Among 6-59 Months Children in Lumbini Province, Nepal: A Facility-Based Cross-Sectional Study”.

Please find below some statistical suggestions:

In the title as well as in the entire manuscript the authors use the terms “predictors” and “risk factors”, do the authors consider the two terms different? I suggest to specify that, accordingly with study design, there are no ascertained causal relations between the predictors and the outcome

- **Table 1**. Please check the results showed in table 1. I think that is a typo. The authors declare that the p-value of the chi square test for the association between toilet facility and SAM is 0.000, please verify
- **Methodology - data analysis and management**

Authors state: “Inferential statistics such as chi-square test were applied to test the significance of association between independent and dependent variables. Bivariate chi-square test was used to show the association between the dependent and independent variable.” It is not clear to me which test the Bivariate chi-square test is and if it is different from the chi-square test. Also clarify which is the outcome variable of the Binary logistic regression.

- **Discussion**

In table 2 the OR’s of “Age of a child (months)” are lower than 1 so I don’t understand the statement: “Furthermore, the odds of being SAM were higher among younger children aged 12-23 months and 6-11 months compared to older children aged 24-59 months” . Is there an error in Table 2? Please modify the discussion accordingly.