

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.

Response from reviewer

General comment

Your manuscript is too shallow

Specific comments

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

Comment: from your title delete "Risk Factors and" because only the term predictors is enough

Abstract

First sentence of method in your abstract says "A facility-based descriptive cross-sectional study design was adopted in OTCs and NRHs of Lumbini Province, Nepal, among 278 children aged 6-59 months and their mothers"

Delete statements descriptive, their mothers and change the word "adopted" by other appropriate word.

Introduction

Well written but the problem and research gaps are not well done.

Methodology

Just remove descriptive in your study design

Correct sample size determination as single population proportion formula

But you didn't mention it about which sampling technique used to select participants

Detail of data quality control is not mentioned in this study

Add variables of the study before writing socioeconomic characteristics

Regarding the ethical approval, please indicate which type of ethical approval is used for children

In data analysis and management section

It is not clearly stated which method of analysis used

How VIF is appropriate to assess multi-collinearity for binary outcome? I recommend you to assess it by observing the standard error

Add about which measure of association used for your final analysis

Overall you have to correct your analysis rigorously

I am not agree the way you do

Result

Socio-demographic characteristics of the participants

You mentioned the proportion of rural residents it is enough and no need of writing the proportion of urban because by default the remaining percentage is known to be urban

Similarly correct other variables eg sex of child, ethnicity ...

The quality of your table is poor please correct it and use clear format

Some of your variables need operational definition eg. Food insecurity, wealth index

In predictor section of your result please write about the significant factors such as age of children and mother. Write the magnitude or strength of association in detail. By how much the risk of SAM is not answered at your result.

Discussion

What is the difference between risk factors and predictors?

“To identify the factors as well as various predictors associated with SAM among children under the age of 5 years residing there” please chose one either factors or predictors.

Your discussion need detail revision. Please discuss deep about significant predictors and there are lots of studies to be compared but you missed.

Strength and limitation of the study

What is the main limitation of cross sectional study design when you study about predictors of SAM? Please add this point

Finally correct your abstract based on your method and result modification

