

# Review of: "Statistical Overview of Prevalence of Anaemia with Associated Socioeconomic and Demographic Factors in Nigeria"

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Potential competing interests: No potential competing interests to declare.

Thank you for the opportunity to review this article. Please find below my comments.

## Abstract

The abstract should be structured using the (Introduction/Background, Methods, Results, and Discussion (IMRAD) pattern. The objectives should be the last sentence in the Introduction/Background section.

The study design should be under the methods section and should not stand as a subsection in the abstract.

The first sentence in the methods section is results and should be placed under the results section in the abstract.

***Also, Under-five children living in a rural area (OR = 1.024, 95%CI 0.923-1.137) have the higher risk of having anemia compared to those in urban areas.*** This statement in the results section is not correct because the OR is almost 1, which indicates no difference between children in rural and urban areas with regards to anaemia. Even the CI includes 1, which indicates no difference between the two groups.

## Introduction

The authors need to improve on their referencing. The first two paragraphs in the introduction section have no references.

## Methods

The terms "**Research and Methods**" as the heading for the methods section should be reviewed. It is usually written as Methods or Methods and Materials

The methods section should be written into subsections. Since this is a secondary data analysis, the following may be considered as subsections:

Data source and sampling procedure

Variables (outcome variables)

Statistical analysis

## Results

In the results section, the stated proportions should have their fractions (numerator/denominator) included for all the proportions indicated in the results section.

### **Discussion.**

The discussion section should be separated from the results section. This section should indicate the implications of the findings of this study. The results of this study have not been discussed.

### **References**

Six references for such an important study are very insufficient. The authors should have at least 15 references.

Final comments: The authors need to work on structuring the paper because it seems disorganized considering how it was written. The grammar, title, and subsections, among others, should be rewritten.