

REVIEWER'S REPORT

Manuscript No.: IJAR-50310

Date: 19-02-2025

Title: Correlation between determining factors and dietary diversity in children aged 6 to 59 months in market gardening and non-market gardening areas of Niger.

Recommendation:

Accept as it is.....
 Accept after minor revision.....
 Accept after major revision
 Do not accept (*Reasons below*)

| Rating | Excel. | Good | Fair | Poor |
|----------------|--------|------|------|------|
| Originality | √ | | | |
| Techn. Quality | | √ | | |
| Clarity | | √ | | |
| Significance | | | √ | |

Reviewer's Name: Shafiya Akhter

Reviewer's Decision about Paper: **Recommended for Publication.**

Comments (*Use additional pages, if required*)

Detailed Reviewer's Comment / Report

The study investigates the dietary diversity of children aged 6 to 59 months in different horticultural zones of Niger. It identifies key factors influencing food diversity through a cross-sectional study conducted in three municipalities with 214 respondents. The findings indicate that cereals and vitamin A-rich fruits and vegetables are the most consumed food groups, whereas animal-based foods are less frequently consumed. The study highlights significant correlations between dietary diversity and factors such as area of residence, household income, maternal education, and engagement in agriculture, gardening, and livestock breeding. The logistic regression analysis suggests that children in non-market gardening areas have significantly higher odds of achieving dietary diversity compared to those in market gardening areas. The study underscores the need for targeted efforts to improve food security, particularly in vulnerable households.

Overall, this paper provides valuable insights into the dietary diversity of children in Niger and highlights key socio-economic determinants. Addressing the noted limitations—particularly by expanding the sample size, incorporating behavioral factors, and refining the statistical discussion—would strengthen the study's impact. Future research could explore intervention strategies to enhance dietary diversity in vulnerable communities. Accept as it is.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT