

Manuscript No.: IJAR-57832

**Title: NUTRITIONAL QUALITY OF FOODS SOLD IN PRIMARY EDUCATION ESTABLISHMENTS IN THE DEPARTMENT OF TIASSALE, CÔTE D'IVOIRE**

**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 Name: Dr.Mithilesh kumar shukla**

**Reviewer's Comment for Publication:**

Good nutritional quality is essential for students' well-being and academic performance. The study used recent (2024) and region-specific data from the Tiassalé department, ensuring relevance to the local population's food environment. Highlights potential risks related to excessive fat intake and low protein, which is crucial for public health awareness. Provides extensive macronutrient breakdown (moisture, lipids, fibers, ash, protein, carbohydrates) for each food item, useful for nutritionists and policymakers. food environment refers to the physical, economic, political, and socio-cultural surroundings and conditions that influence people's food choices and nutritional status. It includes the availability, accessibility, affordability, and desirability of different foods in places where people live, work, and study. Nutritional relates to the content and quality of nutrients in foods that are essential for maintaining health, growth, and normal body functions. It involves the study of how food intake affects the body's nourishment and well-being.

**Recommendation:** Accept after minor revision,

*Detailed Reviewer's Report*

**STRENGTHS:**

- 1- It is Addressing the important issue of food quality and nutrition among schoolchildren, directly impacting their health and academic performance.
- 2- The study used recent (2024) and region-specific data from the Tiassalé department, ensuring relevance to the local population's food environment.
- 3- Data Collection Conducted a cross-sectional survey in four primary schools, and analyzed 27 food samples covering a wide variety of food types.
- 4- Applied ANOVA and Tukey's HSD tests for statistical comparisons, providing robust analysis of differences between foods.
- 5- It is compared nutritional findings against WHO and FAO dietary guidelines, providing meaningful context for assessing food quality.
- 6- Its Evaluation methods to determine the nutrient content of food and its impact on health.

**WEAKNESSES:**

- 1- Limited Sample Size and Scope the study select only four primary schools,
- 2- The study focuses mainly on macronutrients and energy but does not analyze vitamins, minerals
- 3- No Direct Assessment of Student Dietary Intake at school level

ISSN(O): 2320-5407 | ISSN(P): 3107-4928

# International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

s