



### REVIEWER'S REPORT

**Manuscript No.:** IJAR-56435

**Title:** KNOWLEDGE, ATTITUDES, AND PRACTICES (KAP) ON ANTIMICROBIAL USE AND RE-SISTANCE AMONG POULTRY FARMERS IN SOUTHERN SENEGAL.

**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:** Mr. Bilal Mir

### Reviewer's Comment for Publication.

This manuscript investigates knowledge, attitudes, and practices (KAP) regarding antimicrobial use and antimicrobial resistance (AMR) among poultry farmers in Ziguinchor, Senegal. The topic is timely and highly relevant within the context of the global AMR crisis and the implementation of Senegal's national AMR action plan. The study contributes valuable evidence from semi-intensive poultry systems, which remain underexplored in Senegal compared to industrial systems in Dakar and Thiès.

The study's strengths include a clearly defined study area, appropriate use of logistic regression analysis, and acceptable internal consistency (Cronbach's alpha = 0.71). The sample size calculation using Cochran's formula is justified, and the integration of socio-demographic variables enhances analytical depth. The discussion effectively compares findings with previous studies conducted in Senegal, Burkina Faso, Bangladesh, Zambia, and Nigeria.

However, several issues require minor revision:

1. **Statistical Reporting:** Some confidence intervals contain negative values for odds ratios, which is statistically inconsistent and needs clarification.
2. **Interpretation of Results:** Certain findings (e.g., trained farmers showing less positive attitudes toward AMR) require clearer statistical and conceptual explanation.
3. **Language and Formatting:** The manuscript contains grammatical errors, typographical inconsistencies, duplicated lines, and formatting issues (e.g., table presentation and equation numbering) that should be carefully revised.
4. **Consistency in P-values:** Some interpretations emphasize variables with p-values > 0.05; statistical significance should be clearly stated and interpreted consistently.

Overall, the manuscript addresses an important public health issue and provides useful policy implications for strengthening awareness campaigns and improving veterinary service access within a

# International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

*www.journalijar.com*

---

## **REVIEWER'S REPORT**

“One Health” framework. With minor revisions focused on clarity and statistical presentation, the manuscript would be suitable for publication.