

# Review of: "A Systematic Review of Antibiotic Use in Humans in Nigeria and Its Potential Contribution to Rising Antimicrobial Resistance"

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**Potential competing interests:** No potential competing interests to declare.

The article is well-written and provides valuable insights. However, several areas could be improved to enhance clarity and overall impact.

## Abstract

The abstract introduces antibiotic use in humans, but the discussion later expands to include animals. For improved focus and coherence, it would be beneficial to concentrate on one aspect—either human or animal use of antibiotics—throughout the abstract. This adjustment will ensure a more consistent and targeted presentation of the study's scope.

## Introduction

The introduction is informative but would benefit from a more thorough exploration of the impact of antibiotic resistance. Including this discussion would provide a more comprehensive background and underscore the significance of the study's findings. Addressing antibiotic resistance directly will also help contextualize the research and highlight its relevance.

## Figure 1

Figure 1 is a valuable component of the paper but lacks context regarding the rate of resistance development for the antibiotics discussed. Adding information about how quickly resistance has developed for these antibiotics would enhance the figure's explanatory power and provide readers with a clearer understanding of the trends.

## Results

The results section presents important data but would be more accessible with the inclusion of graphical representations. Adding graphs or charts could improve the visualization of the findings, making it easier for readers to interpret and understand the data.

## Recommendations

- 1. Abstract:** Focus on either human or animal use of antibiotics to maintain consistency and clarity.
- 2. Introduction:** Include a discussion on the impact of antibiotic resistance to provide a more comprehensive

background.

3. **Figure 1:** Enhance the figure by adding details on the rate of resistance development.
4. **Results:** Incorporate graphical representations to better illustrate and convey the results.

Overall, the article is a strong contribution to the field, and addressing these suggestions will improve its clarity and impact.