

Review Form 3

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_128645
Title of the Manuscript:	ANALYSIS OF THE EPIDEMIOLOGICAL PROFILE OF TUBERCULOSIS IN THE MUNICIPALITY OF BELÉM DO PARÁ BETWEEN THE YEARS 2019 AND 2023.
Type of the Article	Original Research Article

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.		
Is the manuscript scientifically, correct? Please write here.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	<p>The research aims to evaluate the epidemiological profile of tuberculosis (TB) patients in Belém with a comprehensive study design incorporating retrospective and descriptive methods.</p> <p>The reliance on freely available data from DATASUS ensures transparency and reproducibility.</p> <p>The use of tables, graphs, and statistical tests like the Chi-square is effective for presenting data concisely.</p> <p>The study addresses an important public health issue, contextualized within global and national frameworks.</p> <p>There is a grammatical error in the objective: "Evaluate" should be "To evaluate."</p> <p>The abstract could include the significance of the findings and specific recommendations, providing a stronger conclusion.</p> <p>Some figures are poorly formatted, with incomplete or missing graphical content (e.g., FIGURE 1-Distribution of tuberculosis cases according to education level).</p>	

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	<p>Table headings are not uniform in formatting and clarity. For example, Table 3 contains overly complex terms like "1st to 4th grade incomplete," which may confuse readers.</p> <p>Irregular formatting is evident in variable names (e.g., "SEX" vs. "Sex").</p> <p>Citation formatting is inconsistent, with some references having incomplete details.</p> <p>There is no mention of data validation or cross-referencing to ensure the accuracy of secondary data. This is a potential limitation not acknowledged in the discussion.</p> <p>The exclusion criteria, although mentioned, are vague and do not clarify how incomplete or missing records were handled.</p> <p>The study does not address potential confounding factors (e.g., socio-economic variables beyond education or health system access).</p> <p>While Chi-square is appropriate for association, the study does not account for confounding or provide more robust statistical analyses, such as logistic regression, to predict TB prevalence based on demographic factors.</p> <p>Some statements are generalized without proper citations, such as "Tuberculosis affects the active workforce."</p> <p>Over-reliance on global statistics limits focus on the specific regional challenges of Belém.</p> <p>The discussion lacks depth in exploring why specific groups (e.g., males, young adults) are disproportionately affected. Behavioral, cultural, and socio-economic factors are only superficially addressed.</p> <p>There is no comparison of Belém's TB control strategies with those of similar regions to provide actionable insights.</p> <p>The conclusion reiterates findings but lacks detailed recommendations for policy or practice changes.</p> <p>Key suggestions, such as the need for community outreach or tailored interventions, are absent.</p> <p>The language is occasionally verbose and repetitive (e.g., "In addition, with regard to clinical variables...").</p> <p>Some sentences contain grammatical errors or awkward phrasing.</p> <p>Several references are incomplete or improperly formatted, making verification difficult.</p> <p>Recommendations for Improvement:</p> <ol style="list-style-type: none"> 1. Abstract: Revise the abstract to emphasize the study's significance and actionable recommendations. 2. Methodology: Enhance the rigor by addressing data validation and describing the handling of excluded records. Incorporate additional statistical methods to strengthen the analysis. 3. Figures and Tables: Ensure all figures are complete and correctly labeled. Standardize table formatting and simplify complex terms for accessibility. 4. Discussion: Expand on socio-economic, cultural, and health system factors influencing TB incidence. Provide specific, evidence-based recommendations for improving TB control in Belém. 5. Language and Structure: Edit the manuscript for grammar, consistency, and brevity. Ensure proper formatting of references in a standardized citation style. 6. Policy Implications: Clearly outline how findings can inform local or national public health strategies. The study needs a complete revision in terms of language and grammar. <p>Good luck.</p>	
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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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