

REVIEWER'S REPORT

Manuscript No.: IJAR-54646

Date: 4/11/2025

Title: Sociodemographic Factors Affecting Primary Infertility in Bengali and Pakistani Women: A Cross-Sectional Study

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. S. K. Nath

Date: 5/11/2025

Reviewer's Comment for Publication:

The research provides valuable insights into sociodemographic determinants of primary infertility in Bangladesh and Pakistan. Its use of recent, large-scale DHS data enhances its robustness. yes

Reviewer's Comment / Report

Strengths:

- Relevance and Significance:** The topic is pertinent due to the high prevalence and psychological impact of infertility in developing countries. Focusing on two neighboring countries allows for comparative analysis and context-specific policy implications.
- Use of Reliable Data Sources:** The study utilizes recent Demographic and Health Survey (DHS) data, which enhances the reliability and representativeness of the findings.
- Clear Objectives and Methodology:** The objectives are well-defined, and the criteria for inclusion and exclusion are appropriately illustrated. The use of binary logistic regression for analysis is suitable for this type of study.
- Detailed Data Presentation:** The paper provides comprehensive tables presenting the frequencies, percentages, and regression analysis outcomes, facilitating transparency and understanding.

Weaknesses:

- Clarity and Cohesion in Writing:** The manuscript contains some grammatical errors, typographical mistakes, and awkward phrasing that hinder clarity. For example, sentences like "women less educated than Bengali" could be better structured.
- Inconsistent Formatting and Referencing:** The references appear as numeric in-text citations (e.g., [11], [12]), but the full reference list is not provided in the excerpt, making it difficult to verify sources. Also, some formatting inconsistencies in tables and text could be improved.
- Limited Discussion of Cultural Factors:** Although sociodemographic factors are discussed, the manuscript overlooks in-depth cultural, social stigma, and healthcare access issues that might influence infertility prevalence and reporting.
- Absence of Detailed Limitations:** The paper mentions some limitations, such as possible bias due to data collection focus; however, these are not elaborated sufficiently. A dedicated limitations section would strengthen transparency.
- Language and Typographical Errors:** Numerous minor typographical mistakes (e.g., inconsistent spacing, missing punctuation) are present throughout the text and should be corrected.
- Abstract and Conclusion Sections:** The abstract could be more concise, and the conclusion should clearly summarize the key findings, implications, and recommendations for future research or policy.

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Instructions for the Author:

1. **Language and Grammar:** Carefully proofread the manuscript to correct typographical errors, grammatical mistakes, and awkward phrasing. Consider professional editing if necessary.
2. **Formatting:** Standardize figure and table formatting, ensure consistent citation style, and verify that all figures and tables are clearly labeled and referenced appropriately.
3. **Expand Discussion:** Include a more comprehensive discussion of cultural, social, and healthcare access factors that may influence infertility patterns.
4. **Limitations:** Add a dedicated limitations section highlighting potential biases, data constraints, and generalizability issues.
5. **Abstract and Conclusion:** Make the abstract more succinct, emphasizing key findings. The conclusion should succinctly summarize main results, implications, and suggestions for future research or policy.
6. **References:** Include a complete and properly formatted reference list.