

Comments on the Introduction:

1. Clarity and Conciseness:

- The introduction provides a clear overview of dengue as a global health concern, the challenges associated with its prevention, and the specific context of Bangladesh.
- Consider breaking down the longer sentences for improved readability. For example, the sentence beginning with "Although Sanofi Pasteur..." could be separated into two sentences.

2. Relevance:

- The information about the global prevalence of dengue and its impact on vulnerable populations sets the stage well for introducing the specific case of Bangladesh.
- The mention of challenges in Bangladesh, such as inadequate healthcare facilities and a lack of community-level awareness, adds relevance to the study.

3. Transition:

- The transition from the global perspective to the focus on Bangladesh is smooth and logical.
- Consider using a connecting sentence or phrase to emphasize the shift in focus from global concerns to the specific situation in Bangladesh.

4. Importance of Community Engagement:

- The introduction effectively highlights the importance of community engagement and social participation in dengue prevention efforts.
- The reference to studies supporting the impact of community participation in reducing larval indices and promoting sustainable behavioral changes strengthens the argument.

5. Challenges and Solutions:

- The challenges faced by Bangladesh, including insufficient healthcare facilities and a lack of awareness, are well-stated.
- The proposed solutions, such as health worker engagement, community capacity-building programs, and school initiatives, provide a comprehensive approach to dengue prevention.

6. Study Objective:

- The study's objective is clearly stated towards the end of the introduction, emphasizing the need to understand the perceptions and practices of the community in Dhaka regarding dengue control.

7. Grammar and Punctuation:

- Check for consistency in punctuation. For instance, there's a mix of square brackets and parentheses for citations. Choose one style and stick to it throughout.

8. Formatting:

- Ensure proper formatting, as there seems to be a note indicating "For Review Only" at the end. If this is intended for internal use, it's fine; otherwise, ensure it's removed in the final version.

Comments on the Methods:

Study Design and Setting:

The study design and setting are well-described, providing clear information about the online-based cross-sectional study conducted in Dhaka City from May 2022 to December 2022.

Consider briefly mentioning why an online-based approach was chosen and if there were any specific advantages to this method.

Inclusion and Exclusion Criteria:

The inclusion and exclusion criteria are clearly outlined, specifying the eligibility requirements for participants. This clarity helps in understanding the selection process.

Sample Size Estimation:

It's good that you've provided information about how the sample size was estimated, including the confidence level and margin of error. This transparency enhances the rigor of the study.

Random Selection:

Mentioning that the study respondents were randomly selected is essential for understanding the representativeness of the sample. Consider providing more details on how the random selection was carried out to enhance transparency.

Data Collection Tools:

The use of a structured questionnaire based on a literature review is appropriate. However, consider providing a brief overview of the key themes covered in the questionnaire to give readers insight into the type of information collected.

Data Collection Procedure:

The use of Google Forms for data collection is mentioned, along with the steps taken to ensure clarity and simplicity in the wording of questions. This is good practice.

Providing a summary or key points from the online consent form could be beneficial to understand the level of information provided to participants.

Ethical Considerations:

Clearly outlining the ethical considerations, including obtaining ethical clearance and informed consent, adds credibility to the study. The use of unique numerical codes for confidentiality is a good practice.

Statistical Analysis:

The statistical analysis section is clear and concise. Specify if any specific statistical tests were used beyond the chi-square test.

Ensure that readers have a clear understanding of how community participation and practices for control were measured and assessed.

Software and Version:

Mentioning the software used for statistical analysis (R and R Studio) along with their versions is good practice for transparency and reproducibility.

Results Exclusion:

You've mentioned that 328 records were included in the final analysis. If any records were excluded, briefly mention the reasons for exclusion to ensure transparency.

Comments on the Results:

Demographic Characteristics:

The demographic characteristics are well-presented, providing a comprehensive overview of the study participants.

Consider discussing any implications of the demographic distribution on the study findings or the generalizability of the results.

Perceptions Regarding Dengue Control:

The presentation of participants' perceptions regarding dengue control through community participation is clear.

The use of tables is effective in summarizing the data. However, you might consider condensing the tables to make them more reader-friendly.

Community Participation and Dengue Control Practices:

The section on community participation and dengue control practices provides valuable insights into the awareness and behaviors of participants.

The use of percentages and frequencies in Table 3 is effective in conveying the distribution of responses.

Association Analysis:

The association analysis (Table 4) is a crucial component of the results, highlighting the relationship between community participation, dengue control practices, and participants' knowledge.

It's good that you've used statistical tests to assess the significance of associations.

Interpretation of Findings:

The interpretation of the findings regarding the association between perceptions and practices is clear and well-explained.

Discussing the practical implications of these findings for public health interventions could enhance the conclusion of this section.

Limitations and Considerations:

It would be beneficial to include a brief discussion of any limitations in the study, such as the online survey method, potential biases, or generalizability issues.

Formatting:

Ensure consistent formatting in the presentation of tables, particularly in terms of font size and style.

Clarity and Readability:

Some sentences are lengthy and could be broken down for improved readability. Consider restructuring sentences to enhance clarity.

Additional Statistical Details:

While you've mentioned the statistical significance, you may consider providing effect sizes for significant findings if applicable.

Final Thoughts:

Overall, the results section is informative and well-organized. Make sure to connect the results back to the study's objectives and consider the broader implications of the findings for future research or public health initiatives.

Comments on the Discussion:

Demographic Insights:

The discussion provides insightful analysis of the demographic characteristics of the study population, emphasizing gender, age, education, and employment status.

Consider discussing the potential impact of these demographic factors on the effectiveness of dengue control strategies.

Community Perceptions:

The positive attitudes toward organizing communities for dengue control are well-discussed, along with the recognition of the need for improved awareness and engagement strategies.

Consider providing specific recommendations for enhancing community engagement based on the findings.

Knowledge Levels:

The discussion on varied knowledge levels among participants is valuable, especially the correlation between supporting community efforts and higher knowledge levels.

Elaborate on how community-based interventions can be leveraged to bridge knowledge gaps and enhance awareness.

Role of Religious Leaders:

The finding that the role of religious leaders did not show a statistically significant association with perception levels is discussed effectively.

Consider exploring potential reasons for this lack of association and its implications for future public health initiatives.

Alignment with Demographics:

The emphasis on aligning dengue control strategies with demographic characteristics is well-stated, and the importance of considering factors such as sex, age, education, and employment status is highlighted.

Suggest practical ways in which interventions can be tailored to specific demographic groups.

Study Design and Geographic Focus:

The discussion effectively justifies the study's cross-sectional design and emphasizes the relevance of focusing on Dhaka City.

Consider discussing how the study's findings might contribute to the existing literature on dengue prevention and control.

Limitations:

The limitations are appropriately acknowledged, including potential sample limitations, self-reporting bias, and the cross-sectional design.

It might be helpful to discuss how these limitations could impact the generalizability of the findings and suggest directions for future research to address these limitations.

Recommendations:

The recommendations provided are comprehensive and address various aspects, including targeted educational campaigns, community mobilization, and socioeconomic support measures.

Consider providing more details on how these recommendations can be practically implemented and integrated into existing public health programs.

Final Thoughts:

The conclusion ties together the key findings and recommendations effectively, emphasizing the importance of continuous monitoring and culturally sensitive communication strategies.

Consider concluding with a strong statement summarizing the potential impact of the study's findings on dengue prevention efforts in Dhaka City.

Comments on the Conclusions:

Emphasis on Tailored Strategies:

The conclusion effectively reiterates the importance of tailored dengue control strategies, emphasizing the need for specificity based on demographic characteristics and perceptions.

Consider briefly summarizing the key demographic factors and perceptions that should be targeted in these tailored strategies.

Gender-Sensitive Approaches:

The mention of gender-sensitive approaches is crucial. It would be beneficial to briefly discuss how these approaches can be integrated into dengue prevention initiatives.

Targeted Educational Interventions:

The inclusion of targeted educational interventions aligns well with the findings. Consider specifying the key educational messages or areas that should be addressed to bridge knowledge gaps effectively.

Community Mobilization:

The emphasis on community mobilization efforts aligns with the importance highlighted in the discussion. Consider providing specific examples or strategies for community mobilization in the context of dengue prevention.

Addressing Socioeconomic Challenges:

The recognition of socioeconomic challenges, including unemployment and income uncertainty, is important. Consider briefly discussing potential interventions or policies to address these challenges.

Value of Collaboration with Religious Leaders:

The acknowledgment of the potential value of collaboration with religious leaders, even if they may not significantly influence dengue control perceptions, is insightful.

Consider providing examples of how collaboration with religious leaders has been successful in other public health initiatives or community engagement efforts.

Generalizability of Findings:

Consider briefly discussing the generalizability of the study's findings to other similar regions or urban settings.

Highlight any aspects of the findings that may have broader implications for dengue prevention efforts in different contexts.

Context-Specific Interventions:

The conclusion appropriately underscores the significance of the findings in informing context-specific interventions.

Consider briefly summarizing the main elements of these context-specific interventions or strategies.

Call to Action:

Consider ending the conclusion with a strong call to action, emphasizing the potential impact of implementing the recommended strategies on dengue prevention in the study area and beyond.

Integration with Previous Sections:

Ensure that the conclusion effectively ties back to the key points discussed in the introduction, methods, results, and discussion sections.

Please check reference style reference no 4,5