10 March 2024

Editor-In-Chief

Health Science Reports

**Submitting Revision of Manuscript**: Community Engagement and Social Participation in Dengue Prevention: A Cross-Sectional Study in Dhaka City (Manuscript ID HSR-2023-10-2101)

Sir/Madam

We, the authors of the paper entitled **"Community Engagement and Social Participation in Dengue Prevention: A Cross-Sectional Study in Dhaka City (Manuscript ID HSR-2023-10-2101)"** would like to express our gratitude for your careful and comprehensive review of this paper as well as for your thoughtful comments and helpful suggestions, which helped increase the quality of the manuscript. The comments have been carefully considered and we have done our best to respond to each comment. After thorough editing, we believe that the manuscript will exceed your expectations. We would also like to appreciate any helpful feedback. Responses to the reviewers' comments have been attached to your kind information.

Reviewer 1 comment is colored green.

Reviewer 2 comments are colored in yellow.

We thank you and your team for their kind cooperation.

Sincerely,

Md. Jubayer Hossain

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**Response to Review Comments to the Author**

**Manuscript Title: Community Engagement and Social Participation in Dengue Prevention: A Cross-Sectional Study in Dhaka City**

**Comments from Reviewer**

The changes are colored “green” for Comments from Reviewer 1 throughout the manuscript.

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| **Section** | **Reviewer Comments** | **Response** |
| 1. Title | Community participation and social engagement OR community engagement and social participation?? maintain consistency between title and aim of the study. | Thank you for your insightful comment regarding the consistency between the title and the aim of our study. Upon reevaluation, we agree that aligning the terminology used in both the title and the study's aim enhances clarity and coherence.  After careful consideration, we have decided to use **"Community Engagement and Social Participation"** both in the title and within the aim of our study.  Page – 1 and Line [1] |
| 1. Abstract | Background: line 17-19: Community participation and social engagement OR community engagement and social participation?? maintain consistency between title and aim of the study | Thank you for your valuable feedback concerning the consistency in terminology between the title and the aim of our study, specifically regarding the use of **"Community Participation and Social Engagement" versus "Community Engagement and Social Participation."**  After thorough review, we have decided to consistently use **"Community Engagement and Social Participation"** both in the title and in the aim of our study, as outlined on lines 17-19 of the Background section.  Page – 1 and Line [18-19] |
| Result: line 23-24: better to rewrite this sentence as- The findings of this study indicate that the majority of participants (92%) believed that community effort would be relied upon in the event of a dengue outbreak. | Thank you for your insightful suggestion regarding the phrasing used in the Results section, specifically on lines 23-24. We agree that the proposed rewording enhances the clarity and conciseness of our findings.  In accordance with your recommendation, we have revised the sentence to**: "The findings of this study indicate that the majority of participants (92%) believed that community effort would be relied upon in the event of a dengue outbreak."**  Page – 2 and Line [23-24] |
| 1. Introduction | line 80-82: Community participation and social engagement OR community engagement and social participation?? maintain consistency between title and aim of the study | Thank you for your constructive comment regarding the consistency in terminology, particularly in reference to **"Community Participation and Social Engagement" versus "Community Engagement and Social Participation,"** as mentioned in lines 80-82.  We acknowledge the importance of maintaining consistency in our terminology throughout the manuscript. After careful consideration, we have opted to use **"Community Engagement and Social Participation"** uniformly in both the title and the aim of the study.  Page – 4 and Line [80-82] |
| 1. Methods | under data collection procedure- line 112: Consent was written or verbal? clarify | Thank you for your query regarding the nature of the consent obtained from participants, as outlined in line 112 of the Data Collection Procedure section. We realize the importance of this detail in understanding the methodology of our study.  To clarify, the consent obtained from participants was in written form (online). This approach was chosen to ensure a verifiable and formal agreement from the participants, aligning with ethical research standards. Each participant was provided with a detailed consent form outlining the study's purpose, procedures, potential risks, and confidentiality agreements. Participants were required to sign this form electronically before participating in the study.  Page – 6 and Line [112-113] |
| 1. Results | In last column of the table 1, 2 and 3 : delete N(%)=328 . N=328 is already mention in title of table so write n(%) and delete N(%)=328 in all tables | Thank you for pointing out the redundancy of "N(%)=328" in the last columns of Tables 1, 2, and 3. We agree that this information is unnecessarily repetitive, as "N=328" is already clearly stated in the titles of each table.  In response to your suggestion, we have removed "N(%)=328" from the last column of all three tables. Now, only **"n(%)"** appears, which is consistent and avoids redundancy, while still providing the necessary statistical context for each table.  Page – [7-12] and Table[1,2,3] |
| line 169: delete word "regarding" and restructure this sentence as- In the case of dengue prevention roleplay, a large percentage (37%), responded positively, 34% answered negatively, and 29% remained neutral | Thank you for your suggestion to refine the sentence structure in line 169 of the manuscript. Following your advice, we have removed the word "**regarding**" and restructured the sentence to enhance its clarity and readability.  The revised sentence now reads: **" In the case of dengue prevention roleplay, a large percentage (37%), responded positively, 34% answered negatively, and 29% remained neutral. "**  Page – 9 and Line [168-169] |
| line 184: After word Eighty, write in word as "percent" and delete this symbol % | Thank you for your recommendation regarding the presentation of numerical data in line 184. We understand the importance of consistency and clarity in the representation of statistical information.  In line with your suggestion, we have revised the sentence to read as follows: **"** **Eighty percent of the participants cleaned their containers by draining and brushing.”**  Page – 11 and Line [184] |
| line 185-187: better to restructure this sentence as "Regarding the habit of using mosquito repellents, 249 participants (76%) answered "Yes," while only 79 participants (24%) did not use it. Among the respondents who used a repellent, coil, or spray, 76% (n=187) used it both during the daytime and evening.” | Thank you for your insightful suggestion to restructure the sentences in lines 185-187 for better clarity and flow. We have carefully considered your recommendation and revised these lines accordingly.  The modified text now reads: **"Regarding the habit of using mosquito repellents, 249 participants (76%) reported usage, while only 79 participants (24%) did not use them. Among those who used a repellent, whether coil or spray, a significant proportion, 76% (n=187), utilized it both during the daytime and evening."**  Page – 11 and Line [185-188] |

The changes are colored “yellow” for Comments from Reviewer 2 throughout the manuscript.

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| **Section** | **Reviewer Comments** | **Response** |
| Others | Kindly adhere to author guideline in reference 4 & 5 | Thank you for your reminder regarding the adherence to the author guidelines, particularly in relation to references **4 and 5** in our manuscript. We acknowledge the importance of following these guidelines to ensure consistency and accuracy in our citations.  Upon reviewing our manuscript, we have revised references **4 and 5** to fully comply with the specified author guidelines.  While your comment specifically addressed references 4 and 5, we noticed that reference 7 follows a similar format. In the spirit of consistency and thoroughness, we have proactively applied the same revision to reference 7.  Page 11, Line [362-363] |