

Review report

BSMMUJ-17.4 – 75328

Social anxiety and resilience among undergraduate medical students in Kolkata: A mixed-methods study
Saha SK *et al.* (rsvdrsaha@gmail.com)

REVIEW COMMENTS		AUTHOR RESPONSE
A. Technical review		
ROUND 1		
Reviewer's name: Nahid Mahjabin Morshed		
ORCID: 0009-0005-2297-6156		
Date assigned: 4-Aug-24		
Date submitted: 7-Aug-24		
Do you have any conflict of interest with the author/s? No		
Do you wish to be disclosed to the author? Yes		
Comments sent to author (Date: 3-Sep-24)		Date: 11-Sep-24
	Score	[Note: Please respond if the score is below 6]
How would you rate the originality and depth of the manuscript?	5	We revised the findings of the manuscript and tried to explain to reflect the originality of the work.
Is the manuscript written in a scholarly manner?	5	The manuscript has been revised and written in a scholarly manner.
Does the manuscript have the potential to make a valuable contribution to the world of knowledge?	5	We revised the findings and tried to address such points which may contribute to the world of knowledge.
Does the manuscript meet ethical standards?	8	-
1. There is no research question and objective.		Research question given (Lines 114-115). Objectives already mentioned (line numbers 109-113)
2. There is no recommendation.		Recommendations have been mentioned as advised.
3. The implementation of the findings of the study is not clear.		The findings of the study have been mentioned as advised.
Reviewer's recommendation: Revisions Required		
Reviewer's name: Niaz Mohammad Khan		
ORCID: 0000-0002-0923-3420		
Date assigned: 17-Aug-24		
Date submitted: 24-Aug-24		
Do you have any conflict of interest with the author/s? No		
Do you wish to be disclosed to the author? Yes		
	Score	[Note: Please respond if the score is below 6]
How would you rate the originality and depth of the manuscript?	8	-
Is the manuscript written in a scholarly manner?	7	-
Does the manuscript have the potential to make a valuable contribution to the world of knowledge?	6	-
Does the manuscript meet ethical standards?	8	-
1. Does the study represent the whole of Kolkata?		Unanswered.
2. "Students might face additional stress if they are not proficient in English as it is the medium of instruction and		Unanswered.

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language proficiency can play significant roles in social anxiety". Lines no 105-107. Any reference to the statement?	
3. Sample size calculation method may be elaborated.	Sample size calculation has been elaborated.
Reviewer's recommendation: Revisions Required	
Reviewer's name: M M Jalal Uddin	
ORCID: 0000-0003-0402-7457	
Date assigned: 22-Aug-24	
Date submitted: 1-Sep-24	
Do you have any conflict of interest with the author/s? No	
Do you wish to be disclosed to the author? Yes	
1. Are the table(s) and figure(s) clear and appropriate to address the objective(s) or research question(s)? = No a. Table 1: Serial no 5. Batch of MBBS Phase-1. Number and percentage same (100). Please check it. b. Table 2: Presence of social anxiety (Yes) n=54. It should be checked. c. Figure 2: The pie chart percentage is not consistent with the result.	Necessary corrections and modifications are incorporated accordingly.
2. Is the discussion section critical and comprehensive about the main message of the manuscript? = No Redundancy of one paragraph.	The redundancy has been revised.
Reviewer's recommendation: Revisions Required	
Handling Editor's name: Ferdous Hakim	
ORCID: 0000-0003-2376-3978	
Major comments	
1. In highlights, the write-up is not aligned with the author's instructions of the Journal. Please mention the strengths and limitations of this study specifically to the methods, not the results of the study.	Highlights have been revised.
2. The authors need to mention the study design by the epidemiological classification.	The study design has been provided as instructed.
3. Sample size estimation: Mention the sample size estimation formula based on the study design used to calculate the minimal effective sample size.	Since complete enumeration does not have a defined sample size estimation formula, so the same was not mentioned accordingly.
4. Sampling: The representativeness of the undergraduate medical students of Kolkata from the recruited students needs to be evident as claimed in the title.	We have included all 200 Phase-I MBBS students for better assessment.
5. Please clarify if undergraduate medical students already diagnosed with anxiety were included or excluded from recruitment for the study.	Clearly mentioned the same in the inclusion and exclusion criteria.
6. Describe briefly, how the 'resilience' identified in this study was confirmed to be in response to 'social anxiety' or 'social anxiety' only.	The description has been provided briefly.
7. Please insert the references of the validated tools used in this study. (Lines 135–139, page 6)	Mentioned as instructed.
8. No description of how and who collected the data; what was done to maintain the quality of data, modality of data collection (paper-based or digital)	How the data has been collected is mentioned.

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9. Description of the qualitative part of the study (sampling method, data collection tool/s used, training of the data collectors, quality assurance etc.) is missing from the methods section.	Description of the qualitative part of the study mentioned as instructed.
10. Results ('age of the study population') should be mentioned with relevant units of measurement. (e.g. line 190, page 9)	Since it has been mentioned in Mean and SD, so no unit is given.
11. How was 'monthly family income' calculated? (line 200, page 9).	Monthly family income was incorporated in the questionnaire itself; the participants put the data as per their knowledge and understanding of their respective families' monthly income. (No validated socioeconomic status scale was used to determine the monthly income/socioeconomic status).
12. Please remove the redundant variables (not used for summarization of data in text/ tables/ figures) from Table 1.	Table 1 has been corrected as advised.
13. Please explain why despite mentioning many variables in Table 1, only 4 are tested (Table 2).	Explanation is provided.
14. In the discussion, please mention some strengths of the study.	Strength has been mentioned as advised.
15. The mentioned limitations are weaknesses that the authors accepted when they proposed it (design, sampling, etc.) for this study. I ask the authors to mention the 'actual' limitations of the study.	The actual limitations of the study have been mentioned.
16. "University faculty members, counsellors, and mentors in supporting these students and encouraging them to participate in curricular and extracurricular activities." (lines 302–303, page 13). What data in the study supports the mentioned conclusion?	Removed and modified the statement.
17. "In addition, evaluation of the educational environment and the types of teaching curriculum in medical colleges is necessary to optimize the student's learning experiences and maintain their psychological well-being, along with enhancing the primary healthcare providers and mental healthcare professionals for early case detection and management." (lines 303–307, page 13). What data in the study supports the mentioned conclusion?	Removed and modified the statement.
Minor comments	
18. Please reduce the word count of the short title. (a suggestion: "Social Anxiety and Resilience in Medical Students of Kolkata") (page 1, lines 4–5)	Word counts have been reduced.
19. Background: Please create an acronym when a term is used for than once and use that acronym in subsequent iterations. e.g. no need to use "SAD" as it is not mentioned in the abstract. (page 3, lines 32)	The acronym has been created and used.
20. In the results of the abstract, please use text to denote numbers to begin a sentence.	Replaced by using 'most' before the number.
21. In the introduction, please divide the single paragraph into theme-based chunks for easy readability.	The single paragraph has been divided.
22. In methods, 'p-value' is correct if expressed as 'P value'	p-value is expressed as P value.
23. Please elaborate '±SD' in line 159, page 7.	+SD has been elaborated.
24. Please elaborate 'CI'. (line 209, page 9 and elsewhere throughout the manuscript)	CI has been elaborated and mentioned throughout the manuscript.

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25. Figures 1 and 2 are redundant as this information can be summarized in one sentence in the text.	Figures 1 and 2 have been summarised.
26. Please remove “batch of MBBS” from Table 1, as this is not a variable.	“batch of MBBS” has been removed from Table 1.
27. The table border formatting is not journal standard. Please omit all vertical lines and keep only necessary horizontal lines.	Tables have been formatted as per the journal’s format.
28. Required footnotes are missing from the tables and figures that will enable those to be independently readable. (e.g. Tables 1 and 2).	Tables 1 and 2 have been revised accordingly.
29. In the discussion, the first paragraph should be a brief description of the study methods and the main finding which is missing.	The first paragraph has been revised accordingly.
Handling Editor’s Recommendation: Revisions Required	

ROUND 2

Handling Editor’s name: Ferdous Hakim	
ORCID: 0000-0003-2376-3978	
Comments sent to author (Date: 16-Sep-24)	Date: 11-Sep-24
1. Study question: as the study objective has been mentioned, the study question can be deleted.	The study question has been deleted.
2. Variable ascertainment: Social anxiety and resilience. Please describe briefly the tool in the methods section.	The tools have been briefly in the methods section.
3. Results up to one decimal point.	Results have been taken up to one decimal point.
Handling Editor’s Recommendation: Revisions Required	

B. Editorial decision	Date: 30-Sep-24
Final decision: Accepted subject to editorial clarifications.	