Review report

BSMMUJ-17.3 - 72448

Reliability and validity of the Bangla version of the knee injury and osteoarthritis outcome scores Hasan MI $et\ al.\ (isratpmr@gmail.com)$

REVIEW COMMENTS		AUTHOR RESPONSE
		[Note: Please write the responses to each point here
		mentioning line number(s). You must change the manuscript
		as per your response.]
A. Technical review		
	ROU	IND 1
Reviewer's name: Mohammad Ziaul Haider		
ORCID: 0000-0002-0055-0171		
Date assigned: 31-May-24		
Date submitted: 4-Jun-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: 2-Jul-24)		Date: 13-Jul-24
1. How could you confirm it (B-KOOS) is essential fo		The entire paragraph has been rephrased in lines 56-58.
assessment and management of Knee OA? Line n	ю 56	
2. It is better to mention findings of the study rather than the aims of the study. Line no 68		Changed the abbreviation into Knee osteoarthritis (KOA) in line 69.
3. Were there any diagnostic criteria for diagnosis of OA that was followed by orthopedic surgeon of physiatrists? Line no 132	Knee	The statement has been rephrased in line 133.
 Individuals who were illiterate or had other conditi that could impact their knee symptoms and functi such as rheumatoid arthritis, were excluded from study. The sentence is not clear in line 133-134. 	on,	The sentence has been revised in lines 133-134.
5. Who were the members of the expert committee?		
145	145	
6. In the pre-final stage, the patients with OA knee well accepted the Bangla KOOS. The above statement is not clear in lines 170-171.		The statement is rephrased in line 172.
Reviewer's recommendation: Revisions required		
Reviewer's name: B		
ORCID: -		
Date assigned: 31-May-24		
Date assigned: 31-144-24		
Do you have any conflict of interest with the author/s? No		
Do you wish to be disclosed to the author? No		
	Score	[Note: Please response if the score is below 6]
How would you rate the originality and depth of the manuscript?	4	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 as advised, followed the STROBE checklist and formatted based on the journal's guidelines.

REVIEW COMMENTS AUTHOR RESPONSE [Note: Please write the responses to each point here mentioning line number(s). You must change the manuscript as per your response.] Does the manuscript have the potential to make a 6 valuable contribution to the world of knowledge? How would you rate the originality and depth of the We described the ethical issues in detail in the methods manuscript? section which may reflect the standard practice now. Overview of the manuscripts: We appreciate your indispensable recommendations. In our There are several recognized methods of translation and crossstudy we have followed Beaton et al. (2000) forward-backward cultural adaptation of self-report questionnaires, e.g., those method. We have followed all the stages. After the synthesis of recommended by Beaton et al. (2000), the World Health our Two forward translations, we compared our Bangla-Organization (WHO), and Mapi Research Institute (a research synthesized version with the Indian-translated version to organization in Lyons, France). I didn't find stages of minimize cultural disparities between Bangladeshi and Indian recommendation of Beaton et al. (2000) in this study, e.g., Bangla and then made a final Bangla-synthesized version forward translation, synthesis of the Bangla version, back which we did the backward translation into English. Then translation, etc. If this study was an adaptation of the "Indian followed the subsequent stages. As we have used the Indian Bangla version of KOOS" to the Bangladeshi Bangla. I think it version as raw data and followed all the stages of Beaton et al. should be clearly mentioned in the title. (2000) in our study, that's why we didn't mention the adaptation of the "Indian Bangla version of KOOS to the Bangladeshi Bangla". (Page 6, line 146-150) 1. The DOI link of reference 10 is incorrect (Page 4, line 114), The authors of the Indian version followed the following the link you provided methods: (http://dx.doi.org/10.13140/RG.2.2.34259.80168) is the Cross-cultural adaptation was taken up by administering the link of your adapted Bangladeshi Bangla version of the following phases. Phase I (Translation phase) constituted questionnaire. Moreover, this reference [Karvannan H, translating the questionnaire into Bengali language (target Chakravarty RD, Arun G Maiya, Naomi Simick (2013) language) by two independent translators (T1 & T2). One of the Bengali Knee injury and Osteoarthritis Outcome Score translators (T1) is an informed translator and the other (T2) is (KOOS)] doesn't contain any journal name, volume and uninformed about the procedure. Phase II (Synthesis phase) page no. I didn't find any readable article/abstract constituted blending of T1 & T2 translation outputs into T12 by searching this reference. It is very important to know that resolving the discrepancies between the translators. Phase III how the "Indian Bangla version" was developed. (Retrospective Translation) involved the backward translation of T12 into the English language by two independent translators RT1 & RT2. Phase IV constituted expert committee review under the guidance of methodologists, developers and translators to produce the pre-final version of the questionnaire. Pretesting (Phase V) & Submission and appraisal (Phase VI) are in progress amongst subjects treated with total knee replacement following knee osteoarthritis. They didn't publish the article that's why it does not contain a DOI number. We have provided a link in the "reference no 10" through which the PDF version of the article is available in the ResearchGate. Moreover, 2 of the authors are co-authoring our current study. IRB of which hospital? (Page 5, line 123) IRB clearance has been taken from Sher-E-Bangla Medical College, Barishal, Bangladesh. (Page 5, line-124) You mentioned that the study was conducted in "local It was conducted at the Physical Medicine and Rehabilitation hospitals in Dhaka", what are those hospitals? (Page 5, Department of BSMMU & Kurmitola General Hospital, Dhaka, line 129) Sher-E-Bangla Medical College Hospital, Barishal and at the Department of Orthopedic Surgery, Cumilla Medical College,

Cumilla, Bangladesh. (Page 5, line 133-133)

DE	REVIEW COMMENTS AUTHOR RESPONSE		
NE	VIEW COMMENTS	[Note: Please write the responses to each point here	
		mentioning line number(s). You must change the manuscript	
		as per your response.]	
4.	One orthopaedic surgeon and two physiatrists diagnosed	It was a multi-centred study namely Bangabandhu Sheikh	
	knee OA: Was it a single-centered study? Which	Mujib Medical University, Kurmitola General Hospital, Dhaka,	
	diagnostic criteria were used for the diagnosis of knee OA?	Cumilla Medical College, Cumilla and Sher-E-Bangla Medical	
	(Page 5, line 131)	College, Barishal.	
		ACR classification criteria for diagnosing Osteoarthritis Knee	
		was used to diagnose the Knee OA cases.	
5.	Table 1 presents the demographics of the participants,	Your mentioned table (demographics) has been removed from	
	including age, height, weight, body mass index This	the manuscript.	
	should be in the result section. Moreover, this table		
	(demographics) is not necessary for the purpose of this		
	manuscript, you can remove this. (Page 5, line 136)		
6.	Please provide the reference for the Indian Bangla version	They didn't publish the article that's why it does not contain a	
	of KOOS. (Page 6, line 144)	DOI number. We have provided a link in the "reference no 10"	
		through which the PDF version of the article is available in the ResearchGate.	
7.	At the end of the result section, you can put the web link to	In response to your comments, we have provided a web link to	
,.	the final Bangla version of the questionnaire so that	the final Bangla version of the Questionnaire. It is now available	
	researchers can easily find what you developed.	in the following link:	
	,	http://dx.doi.org/10.13140/RG.2.2.34259.80168	
8.	Spelling corrections: please add a colon after "Methods"	We corrected & added a colon after "Methods" in the abstract.	
0.	in the abstract.	we confected & added a colon after Prethods in the abstract.	
Rev	viewer's recommendation: Resubmit		
Fxe	ecutive Editor's name: M Mostafa Zaman		
ļ	CID: 0000-0002-1736-1342		
1.	Correlation between two quantitative variables (as	We value your discerning opinion. We have made changes	
	presented in two tables) is not enough to show their	according to your suggestion on Page-19-21, lines 434-440.	
	agreement. Drop these two tables. Please use the Bland-		
	Altman Plot for these two analyses.		
Exe	ecutive Editor's decision: Revision required		
		ND 2	
ļ	riewer's name: Mohammad Ziaul Haider		
	CID: 0000-0002-0055-0171		
ļ	te assigned: 3-Aug-24		
ļ	te submitted: 10-Aug-24		
ļ	you have any conflict of interest with the author/s? No		
ļ	you wish to be disclosed to the author? No	Detail 45 Aug 04	
	mments sent to author (Date: 13-Aug-24)	Date: 15-Aug-24 Web link was added at the and of the method in line 192	
1.	Please put the web link to the final Bangla version of the	Web link was added at the end of the method in line 183.	
Da	questionnaire at the end of the method or result section. viewer's recommendation: Accept		
ne\	newer a recommendation. Accept		
Ev.	ecutive Editor's name: M Mostafa Zaman		
ļ	CID: 0000-0002-1736-1342		
		Added & Unloaded a DNE vargion of Bonda guartiannaire as a	
1.	Submit the Bangla questionnaire as a supplementary document.	Added & Uploaded a PDF version of Bangla questionnaire as a supplementary document.	
	uoouniti.	ουρρισπαι γ υσουπσιι.	

RE	VIEW COMMENTS	AUTHOR RESPONSE
		[Note: Please write the responses to each point here mentioning line number(s). You must change the manuscript as per your response.]
2.	Methods: Add the Bland-Altman method for agreement in the statistical analysis section elaborately.	Added Bland-Altman method for agreement in the statistical analysis section elaborately in lines 166-176.
3.	Results: Provide figure numbers consecutively to describe them (Figures 1, 2, and 3) rather than labelling them as Plot-1, MAP-1, and MAP-2.	Figure numbers have been provided in lines 194 & 444 (Figure 1), 216 & 448 (Figure 2) and 230 & 450 (Figure 3).
4.	Discussion: Avoid repeating results. Reduce the numbers in the first paragraph.	The discussion has been revised in lines 246-253.
Exe	ecutive Editor's decision: Revision required	

B. Editorial decision	Date: 17-Aug-24
Final editorial decision: Conditional acceptance	

Editorial Clarification		
Executive Editor's name: M Mostafa Zaman		
ORCID: 0000-0002-1736-1342		
Comments sent to author (Date: 31-Aug-24)	Date: 31-Aug-24	
Overview	-	
The journal office done language editing and removed		
redundancy. Need clarification of the following points.		
1. Please align the abstract with the revised text in the	The abstract has been aligned with the revised text in the	
results section for the correlation coefficients (r). Any r	results section.	
below 0.4 is weak, regardless of the P values.		
2. Check the order of the references cited specially from 17	References have been revised accordingly.	
to 22.		