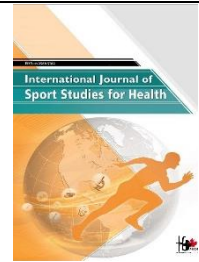








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Journal Homepage



## Validation of the Arabic Version of the Brunel Mood Scale (BRUMS-AR) for Use with Football Players in Ramadan

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E d i t o r	R e v i e w e r s
Hadi Nobari  Professor, Transilvania University of Braşov, Brasov, Romania. petrojonck@hotmail.com	<b>Reviewer 1:</b> Yaghob Badriazarin  Associate Professor of Sport Sciences, Tabriz University, Tabriz, Iran. Email: badriazarin@tbzmed.ac.ir <b>Reviewer 2:</b> Seyed Ali Darbani  Assistant Professor, Department of Psychology and Counseling, South Tehran Branch, Islamic Azad University, Tehran, Iran. Email: Ali.darbani@iau.ac.ir

### 1. Round 1

#### 1.1 Reviewer 1

Reviewer:

You state that BRUMS has been "applied in diverse contexts" such as clinical psychology, sport, education, and the workplace, citing multiple references. However, it would enhance clarity if specific examples from these domains were briefly elaborated to show how BRUMS functioned differently across them.

The explanation of the CVI process lacks detail. Please report how many items had a CVI under 0.80 and describe specific revisions made. This transparency supports the rigor of the adaptation.

The justification for using maximum likelihood estimation (MLE) for CFA assumes normality, but no test of normality is reported for item distributions. Please provide skewness and kurtosis thresholds used to support MLE use.

The high positive skewness and kurtosis for items like “Miserable” (skew = 2.43, kurtosis = 5.64) suggest non-normality. Please discuss whether any data transformation or non-parametric methods were considered.

There is a comma instead of a decimal point in “Depression (0,929)”. Please correct to ensure consistency with APA formatting standards throughout all tables.

The RMSEA value of 0.07 is at the boundary of acceptable fit. Consider discussing whether alternative models were tested (e.g., bifactor, second-order) to enhance structural validity.

Author revised the manuscript and uploaded the updated document.

## 1.2 Reviewer 2

Reviewer:

The sentence "528 their training session was on afternoon time before iftar and 47 trained at night only participants responses whose trained on afternoon before Iftar was retained for this study" is grammatically unclear. Please revise for clarity and correctness. Consider splitting into two sentences and properly explaining inclusion criteria.

The order of mood dimensions listed in the description of BRUMS (i.e., "five negative mood dimensions... and vigor as a positive mood") appears inconsistent with the usual presentation of six mood states. Please standardize and clarify whether vigor is treated differently from the others in analysis.

You cite Vlachopoulos et al. (2023) and Terry et al. (2022) in support of cross-cultural validation. However, there is no synthesis of how mood dimensions might manifest differently across cultures. Consider adding one or two sentences on cultural implications for interpreting mood scores.

While you describe adaptations in Brazil and China that modified or reduced items, you don't compare whether such reductions affected reliability or validity. Please clarify whether your full 24-item version performed better or comparably to reduced-item models.

You note sample size justifications extensively, citing multiple studies. However, it would be helpful to concisely relate these points back to your own sample to reinforce confidence in your findings (i.e., restate why your sample was robust).

Author revised the manuscript and uploaded the updated document.

## 2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.