

## **Psychometric properties of the Malay suicidal behaviors questionnaire-revised (SBQ-R) in Malaysian undergraduates**

### **ABSTRACT**

The psychometric properties of the Malay Suicidal Behaviors Questionnaire-Revised (SBQ-R) need to be tested as it is increasingly utilized, and there is a lack of a brief, validated scale to examine suicidal behaviors in Malaysia. A total of 713 and 715 undergraduates answered the English and Malay SBQ-R, respectively. Exploratory factor analysis derived a one-factor solution, with a total explained variance of 58.0% accounted for by the four items. Confirmatory factor analyses supported the one-factor model for the Malay SBQ-R, with acceptable fit indices ( $\chi^2/df = 0.451$ , comparative and Tucker–Lewis fit indices  $\geq 1.000$ , standardized root mean square residual = 0.014, root mean square error of approximation = 0.000, and 90% CI [0.000, 0.083]). Measurement invariance was achieved when comparing the SBQ-R between the English and Malay versions, indicating that both versions are similar in Malaysian undergraduates. Convergent validity was established through a strong correlation between the Malay SBQ-R and the Malay Yatt Suicide Attitude Scale ( $r = 0.74$ ;  $p < 0.001$ ). Good internal consistency was achieved for both the English ( $\alpha = 0.83$ ;  $\omega = 0.85$ ) and Malay ( $\alpha = 0.81$ ;  $\omega = 0.84$ ) versions. The Malay SBQ-R has adequate validity and reliability for use in Malaysian undergraduates.