

## Documents

Siau, C.S.<sup>a</sup>, Tan, Y.K.<sup>a</sup>, Ibrahim, N.<sup>b c</sup>, Kölves, K.<sup>d</sup>, Zhang, J.<sup>e f</sup>, Fariduddin, M.N.<sup>g</sup>, Chua, B.S.<sup>h</sup>, Cheah, W.L.<sup>i</sup>, Syed Elias, S.M.<sup>j</sup>, Mat Ali, S.N.<sup>k</sup>, In, S.<sup>l</sup>, Lim, A.L.S.<sup>m</sup>, Subramaniam, G.<sup>n</sup>, Wider, W.<sup>o p</sup>, Mohd Sidik, S.<sup>q</sup>, Tan, S.T.<sup>r</sup>, Lew, B.<sup>d</sup>, Chan, L.F.<sup>s</sup>

### Psychometric Properties of the Malay Suicidal Behaviors Questionnaire-Revised (SBQ-R) in Malaysian Undergraduates

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<sup>a</sup> Centre for Community Health Studies (ReaCH), Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Kuala Lumpur, 50300, Malaysia

<sup>b</sup> Centre for Healthy Aging and Wellness (H-Care), Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Kuala Lumpur, 50300, Malaysia

<sup>c</sup> Institute of Islam Hadhari, Universiti Kebangsaan Malaysia, Malaysia, Bangi, 43600, Malaysia

<sup>d</sup> Australian Institute for Suicide Research and Prevention, World Health Organization Collaborating Centre for Research and Training in Suicide Prevention, School of Applied Psychology, Griffith University, Mt. Gravatt, QLD 4122, Australia

<sup>e</sup> School of Public Health, Shandong University, Jinan, 250100, China

<sup>f</sup> Department of Sociology, State University of New York, Buffalo State, Buffalo, NY 14222, United States

<sup>g</sup> Department of Physical & Health Education, Faculty of Education, Universiti Teknologi MARA (Kampus Puncak Alam), Puncak Alam, 42300, Malaysia

<sup>h</sup> Psychology & Social Health Research Unit, Faculty of Psychology and Education, Universiti Malaysia Sabah, Kota Kinabalu, 88400, Malaysia

<sup>i</sup> Department of Community Medicine and Public Health, Faculty of Medicine and Health Sciences, Universiti Malaysia Sarawak, Kota Samarahan, 94300, Malaysia

<sup>j</sup> Department of Special Care Nursing, Faculty of Nursing, International Islamic University Malaysia, Kuantan, 25200, Malaysia

<sup>k</sup> Faculty of Business, Economics and Social Development, Universiti Malaysia Terengganu, Kuala Terengganu, 21030, Malaysia

<sup>l</sup> School of Psychol & Social Sciences, IMU University, Kuala Lumpur, 57000, Malaysia

<sup>m</sup> School of Psychology, Quest International University, Ipoh, 30250, Malaysia

<sup>n</sup> Faculty of Health and Life Sciences, INTI International University, Nilai, 71800, Malaysia

<sup>o</sup> Faculty of Business and Communications, INTI International University, Nilai, 71800, Malaysia

<sup>p</sup> Department of Applied Economic Sciences, Wekerle Sándor Üzleti Főiskola, Budapest, 1083, Hungary

<sup>q</sup> Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Malaysia, Serdang, 43400, Malaysia

<sup>r</sup> Division of Nutrition & Dietetics, School of Health Sciences, IMU University, Kuala Lumpur, 57000, Malaysia

<sup>s</sup> Department of Psychiatry, Faculty of Medicine, The National University of Malaysia (UKM), Cheras56000, Malaysia

#### 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. © 2024 by the authors.

#### Author Keywords

Malaysia; psychometric; suicidality; undergraduates; validation

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**Correspondence Address**

Tan Y.K.; Centre for Community Health Studies (ReaCH), Malaysia; email: p116885@siswa.ukm.edu.my

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