

Testing and validating measurement for halal requirement practices among food industries in Malaysia

Abstract

The aimed of this study is to develop a validated and reliable questionnaire to measure halal requirement practices among food manufacturers in order to fulfill halal requirements. The study was conducted in Malaysia and the response rate for the Internal Halal Committee is 75%. Each item was developed based on act, standards and guidelines used by competent authority in halal certification. Then, it was measured using a 5 point Likert Scale. All the questionnaire items were elaborated and reviewed. Content and construct validity, item analysis, test-retest, and internal consistency were developed which was grouped into 4 dimensions; halal and thoyyib, internal process, halal assurance and staff management. The data were tested using the Statistical Package For Social Science (SPSS) software version 21.0 and Smart Partial Least Square (PLS) version 2.0. The developed instrument was validated and determined using exploratory factor analysis (EFA) for gaining the dimension and indicator reduction. Then it was followed by PLS for confirmatory factor analysis (CFA) and reliability test. The EFA result through SPSS analysis showed that the items were acceptable and consist of 4 factors. Meanwhile, the confirmatory results through Smart PLS also showed that the factor loadings for reflective measurement scale are good through 4 dimensions namely as Halal Requirement Practices Questionnaire (HRPQ).