

Paper 103 – Education

**CONFIRMATORY FACTOR ANALYSIS OF THE MULTICULTURAL PERSONALITY
QUESTIONNAIRES FOR NURSING STUDENTS**

**Jolly Balila, Jabriel Cabaluna, Molly Trinos, Christine Mañalong, Angel Grace Bingcang and
Beryl Ben Mergal**

Adventist University of the Philippines
jollybalila@gmail.com, jsbalila@aup.edu.ph

ABSTRACT

The purpose of this study was to examine the validity, particularly the construct validity and reliability of Multicultural Personality Questionnaire (MPQ; van der Zee, van Oudenhoven, Ponterotto, Fietzer, 2013) and further determined the significant difference when tested across the personal characteristics of nursing students. The original MPQ scale consists of five factors: cultural empathy, flexibility, social initiative, open-mindedness, flexibility and emotional stability. The MPQ was administered to a total of 122 nursing students (national (59.8%), Filipino-American (7.21%), and international (32.99%) nursing students. The study showed that four factors were generated using confirmatory factor analysis. The 78-item MPQ was reduced to 21 items. The four factors included cultural empathy, social initiative, open-mindedness, and emotional stability. Flexibility was one of the factors in the original version of the five-factor scale of MPQ but not evident it in this study. The analysis of the data resulted in a reasonably good fit and a satisfactory Cronbach alpha reliability coefficient for each factor. The overall Cronbach's alpha reliability coefficient (α) of the scale is .713; .861, .806, .717, and .663 for cultural empathy, social initiative, open-mindedness, and emotional stability with a percent of variance accounted for of 25.12%, 11.91%, 11.79%, and 8.26%, respectively. Significant differences were found in some factors of MPQ considering the personal characteristics of nursing students. The results indicated that the MPQ could serve as a valuable tool to measure the multicultural personality of nursing students from the Philippines.

Keywords: Multicultural Personality, Cultural Empathy, Social Initiative, Open-Mindedness, Emotional Stability, Flexibility

