

DEVELOPMENT AND VALIDATION OF CHINESE-VERSION PSYCHOLOGICAL CAPITAL QUESTIONNAIRE OF PRESCHOOL TEACHERS

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ABSTRACT

The main purposes of this study are to develop Chinese-version Psychological Capital Questionnaire (PCQ) of preschool teachers to assess psychological capital (PsyCap), and test the reliability and validity. In the first place, we invited 10 subject matter experts to draw up the preschool teacher's PCQ items inclining to Chinese cultural phenomenon by using item-level content validity index (CVI) to proceed content validity. Then, 200 preschool teachers in Taiwan region conducted the pilot test, and exerted exploratory factor analysis (EFA) and internal consistency analysis to test reliability and validity. Lastly, 400 preschool teachers were used as the formal samples to implement confirmatory factor analysis (CFA) and Structured Equation Modeling (SEM) to test reliability and validity. In the exploratory analysis of the pilot test, we have found that the PsyCap's four-factor solution, including self-efficacy, hope, optimism, and resilience, can explain 74.14% of the total variance and total Alpha at .93. In the CFA in the formal samples, we have also found that self-efficacy, hope, optimism, and resilience are relative to the higher order factor (PsyCap). Besides, PCQ of preschool teachers has good reliability, convergent validity, and discriminant validity. Finally, professional commitment was exerted as the criterion to test criterion related validity. Based on SEM analysis, it shows that PCQ of preschool teachers has good criterion related validity. By such way, this research has developed the Chinese-version Psychological Capital Questionnaire with good reliability and validity, which is worthy of functioning as the tool to evaluate PsyCap among Chinese preschool teachers.

Keywords: Psychological capital, Chinese-version Psychological Capital Questionnaire, preschool teachers, validation.