

**The Three Perfectionism Scales: a psychometric characterization of a Chinese music study population**

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**Abstracts:** Perfectionism, as a multidimensional personality trait, is closely related to many important factors affecting mental, emotional, and daily life, and thus has received extensive attention from researchers around the world. The Big Three Perfectionism Scale (BTPS), a multidimensional psychometric instrument of perfectionism with three higher-order factors and 10 dimensions, has not been formally translated and tested for cross-cultural reliability and validity in mainland China, especially for the music professional population in mainland China. This study assessed the factor structure, convergent validity, predictive validity, and validity of the Chinese version of the BTPS by Chinese-language translation of the BTPS and cross-cultural experimentation of the BTPS with a large sample of mainland Chinese music professional population subjects ( $n \geq 442$ ) to support the hypothesis that the three-factor structural model of the BTPS is invariant in the mainland Chinese music professional population. Preliminary experimental results indicate that the Chinese version of the BTPS has good validity among the music learning population in mainland China (Cronbach's alpha coefficients for the three dimensions are 0.86, 0.95, and 0.94, respectively), and the significance of the data ( $KMO > 0.6$ ,  $p < 0.05$ ) suggests that it can be subjected to further exploratory factor analysis (EFA) and validation factor analysis (CFA). Our preliminary results show the feasibility of cross-cultural research on the findings of psychometric instruments from other countries, and the authors' pioneering work is also of practical significance in enriching the psychometric instruments on perfectionism in China, which will provide a valid basis for a series of future studies on perfectionism related to music psychology.

**Key words:** Perfectionism; China; Three perfectionism scales; Cross-cultural research