**The Comprehensive Personality Scale (CPS)**

The CPS is a result of years of work in Dr. Fritz Drasgow’s lab, and it was developed using the ideal point scale construction approach (Chernyshenko et al., 2007). The CPS consists of 440 items that cover a full set of 22 personality facets derived from the traditional Big-Five Personality Model. For example, the extraversion dimension was extended to the dominance, sociability, excitement, and energy facets. More than 100 items were originally written for each facet, and 20 of them were carefully selected to represent each facet. In terms of item extremity, each facet has approximately equal numbers of statement reflecting high, medium, and low trait levels (Wang, 2013).

***Measurement Equivalence of the CPS.*** Wang (2013) conducted DIF analysis using the complete CPS items across two American groups (undergraduate students and MTurk workers). The analysis was carried out under the GGUM only. No studies so far have been done investigating ME of the CPS in a cross-cultural setting, and comparing the performance of the dominance IRT model vs. the ideal point model. Therefore, in the current study, we assessed ME of two of the CPS scales in a across two cultures under two different IRT models.