

A validation study for the brief form of the HEXACO Medium School Inventory Extended (MSI-E)

Thursday, September 11, 2025 4:30 PM (10 minutes)

The emergence of the HEXACO model in personality studies and the lack of an adequate scale for the measurement of personality in adolescence according to this model have prompted some researchers to develop and validate a novel HEXACO scale for adolescents (10-14 years), named HEXACO Medium School Inventory Extended (MSI-E). The scale consists of 192 items and showed excellent psychometric properties. However, sometimes, due to time constraints, this version of the scale might be impractical for its length. Based on this consideration, this work aimed at developing a brief form of the HEXACO-MSI-E consisting of 60 items, named HEXACO-MSI-60. In Phase 1, starting from the 192-item version of the HEXACO-MSI-E (i.e., 32 items for each factor) validated on a sample of 1182 adolescents (Mean=12.04, SD=0.92), using Principal Component Analysis (PCA), we identified the best 10 items for each factor, and we verified the psychometric properties of the scale. In Phase 2, to get confirmation about the structure of the 60-item version of HEXACO-MSI-E, PCAs, Explorative Factor Analyses (EFAs) and Confirmatory Factor Analysis (CFA) were carried out on data collected on a second sample of 452 adolescents (Mean=12.17, SD=0.91). The results have shown that the HEXACO-MSI-60 has a clear six-factor structure and is reliable. Future studies should investigate other psychometric properties of this scale. Having a brief form of HEXACO-MSI-E is very useful in any research context in which time constraints permit only a short inventory to be administered.

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Session Classification: Methodology 1

Track Classification: Methodology