

Psychometric properties of the MSAI-36 as reported in peer reviewed journals.

Source	Country Language	Sample	Data Analysis	Factor Analysis Results	Anger Expression	Hostility <sup>1</sup>	Destructive Expression	Coping
Furlong et al. (2002)	USA English	N = 1166 49% male age: 14–18	PCA varimax	No cross loadings	Sample 1: Loadings = .47 – .68 $\alpha = .87$ Crossvalidation: Loadings = .43 – .68 $\alpha = .84$	Sample 1: Loadings = .44 – .72 $\alpha = .78$ Crossvalidation: Loadings = .46 – .65 $\alpha = .80$	Sample 1: Loadings = .45 – .72 $\alpha = .83$ Crossvalidation: Loadings = .56 – .68 $\alpha = .82$	Sample 1: Loadings = .43 – .65 $\alpha = .65$ Crossvalidation: Loadings = .43 – .68 $\alpha = .84$
Boman et al. (2006)	Australia English	N = 1400 50% male age: 13–17	PCA direct oblim  CFA AMOS V5	No cross loadings  GFI = .92 TLI = .86 RMSEA = .04	Loadings = .26 – .67 $\alpha = .79$  None Reported	Loadings = .61 – .71 $\alpha = .78$  None Reported	Loadings = .44 – .71 $\alpha = .77$  None Reported	Loadings = .41 – .59 $\alpha = .67$  None Reported
Aryadoust et al. (2011)	Iran Farsi	N = 585 23% male age: 13–17	CFA AMOS V6	CFI = .89 RMSEA = .05	None Reported	None Reported	None Reported	None Reported
Simoda & Terasaka (2012)	Japan Japanese	N = 3448 50% male age: 10–17	PCA varimax  CFA R 2.10.1	No cross loadings  GFI = .91 RMSEA = .05	Loadings = .46 – .66 $\alpha_{\text{male}} = .86$ $\alpha_{\text{female}} = .87$	Loadings = .68 – .81 $\alpha_{\text{male}} = .87$ $\alpha_{\text{female}} = .89$	Loadings = .27 – .71 $\alpha_{\text{male}} = .79$ $\alpha_{\text{female}} = .84$	Loadings = .30 – .58 $\alpha_{\text{male}} = .77$ $\alpha_{\text{female}} = .65$

Note. PCA = Principal Components Analysis, CFA = Confirmatory Factor Analysis, AMOS = SPSS structural equation modeling application, R 2.10.1 = Revolution Analytics application. <sup>1</sup> Factor was called “cynical attitudes” in Smith et al. (1998) and Simoda and Terasaka (2012).