

Table 2 Validation of the Qatari Arabic version of the General Self-Efficacy Scale: results of 2- and 3-factor models for the subsample of female 12th graders aged 18+ years ($n = 178$)

Variable	2-factor model		3-factor model		
	Factor 1	Factor 2	Factor 1	Factor 2	Factor 3
Items	Factor loadings				
A. I can manage to solve difficult problems if I try hard enough	0.963*	-0.019	1.039*	-0.080	0.000
B. If someone opposes me, I can find the means and ways to get what I want	0.834*	0.046	0.826*	0.014	0.039
C. It is easy for me to stick to my aims and accomplish my goals	0.682*	0.320*	0.583*	0.015	0.424*
D. I am confident that I could deal efficiently with unexpected events	0.440*	0.553*	0.173	-0.003	0.870*
E. Thanks to my resourcefulness, I know how to handle unforeseen situations	0.219*	0.742*	0.003	0.515*	0.449*
F. I can solve most problems if I invest the necessary effort	0.155*	0.800*	0.090	0.678*	0.204*
G. I can remain calm when facing difficulties because I can rely on my coping abilities	-0.007	0.874*	0.024	0.903*	-0.060
H. When I am confronted with a problem, I can usually find several solutions	0.066	0.916*	0.113	0.903*	-0.018
I. If I am in trouble, I can usually think of a solution	-0.010	0.932	-0.020*	0.913	0.036*
J. I can usually handle whatever comes my way	-0.020	0.926*	-0.118	0.819*	0.219*
Correlations	Correlation coefficients				
Factor 1 with Factor 2	0.666*		0.704*		
Factor 1 with Factor 3	n/a		0.630*		
Factor 2 with Factor 3	n/a		0.775*		
Analysis	Model fit indices				
RMSEA	0.164		0.135		
CFI	0.986		0.993		
TLI	0.976		0.983		

* $P < 0.05$.

^aItems would have been dropped in the 2-factor model due to factor loadings > 0.30 on both factors. This would have left factor 1 with only 2 items (items A and B) and factor 2 with 6 items. Factors should have at minimum of 3 items; ^bItems would have been dropped in the 3-factor model due to factor loadings > 0.30 on more than 1 factor. Factor 1 would have had only 2 items (items A and B), factor 2 would have had 5 items (items F-J) and factor 3 would have had only 1 item (item D).

RMSEA = root mean square error of approximation; CFI = comparative fit index; TLI = Tucker-Lewis index; n/a = not applicable.