

Supplementary Table 1. The results of the multi-group confirmatory factor analysis

Model	χ^2	df	$\Delta\chi^2$	Δ df	p-value	CFI	Δ CFI	RMSEA	Δ RMSEA
Sex									
Configural	316.203	232				0.992		0.043	
Metric	355.591	246	39.388	14	<0.001	0.989	0.003	0.047	0.004
Scalar	378.449	260	22.858	14	0.062	0.988	0.001	0.048	0.001
SAVE-6 ≥ 15									
Configural	363.594	232				0.985		0.053	
Metric	419.846	246	56.252	14	<0.001	0.981	0.004	0.060	0.007
Scalar	430.729	260	10.883	14	0.695	0.981	0	0.057	-0.003
PHQ-9 ≥ 10									
Configural	358.563	232				0.987		0.052	
Metric	450.286	246	91.723	14	<0.001	0.979	0.008	0.065	0.013
Scalar	464.122	260	13.836	14	0.462	0.979	0	0.063	-0.002

SAVE-6, Stress and Anxiety to Viral Epidemics-6 items; PHQ-9, Patient Health Questionnaire-9; CFI, comparative fit index; RMSEA, root-mean-square-error of approximation