

Supplementary Table 2. Measurement invariance of the Stress and Anxiety to Viral Epidemic–6 items among firefighters

Model	χ^2	df	$\Delta\chi^2$	Δ df	p	CFI	Δ CFI
Sex							
Configural	6.477	18				1.000	
Metric	12.326	23	5.849	5	0.321	1.000	0.000
Scalar	16.561	28	4.235	5	0.516	1.000	0.000
Having depression (PHQ-9 \geq 10)							
Configural	7.036	18				1.000	
Metric	15.733	23	8.697	5	0.128	1.000	0.000
Scalar	21.262	28	5.529	5	0.355	1.000	0.000
Having anxiety (GAD-7 \geq 10)							
Configural	12.431	18				1.000	
Metric	29.679	23	17.248	5	0.004	0.995	0.005
Scalar	34.179	28	4.500	5	0.480	0.995	0.000
Firefighters' role							
Configural	13.753	36				1.000	
Metric	64.420	51	50.667	15	<0.001	0.989	0.011
Partial metric	37.572	48	23.819	12	0.022	1.000	0.000
Partial scalar	55.326	63	17.754	15	0.276	1.000	0.000

CFI, comparative fit index; PHQ-9, Patient Health Questionnaire–9; GAD-7, Generalized Anxiety Disorder–7