

Supplementary Table 1. Measurement invariance of the firefighter's version of the Stress and Anxiety to Viral Epidemic–9 items

Model	χ^2	df	$\Delta\chi^2$	Δ df	p	CFI	Δ CFI
Sex							
Configural	36.415	54				1.000	
Metric	57.505	62	21.090	8	0.007	1.000	0.000
Scalar	90.401	70	32.896	8	<0.001	1.000	0.000
Having depression (PHQ-9 \geq 10)							
Configural	35.923	54				1.000	
Metric	88.734	62	52.811	8	<0.001	0.988	0.012
Partial metric	48.751	61	12.828	7	0.076	1.000	0.000
Scalar	86.413	69	37.662	8	<0.001	0.992	0.008
Having anxiety (GAD-7 \geq 10)							
Configural	44.418	54				1.000	
Metric	75.751	62	31.333	8	<0.001	0.994	0.006
Scalar	89.095	70	13.344	8	0.101	0.991	0.003
Fire fighters' role							
Configural	58.282	108				1.000	
Metric	162.360	132	104.078	24	<0.001	0.986	0.014
Partial metric	115.417	129	57.135	21	<0.001	1.000	0.000
Partial scalar	137.418	150	22.001	21	0.399	1.000	0.000

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