

Supplementary Table 4. Graded response model output of the Stress and Anxiety to Viral Epidemic–6 items among firefighters

Items	Item fits				Slope parameter (α)	Threshold parameter (b)			
	S- χ^2	df	p	RMSEA*		b ₁	b ₂	b ₃	b ₄
Item 1	35.679	32	0.299	0.019	2.167	-1.171	-0.314	0.294	1.597
Item 2	31.451	26	0.254	0.026	2.971	-1.011	-0.310	0.311	1.532
Item 3	37.322	22	0.090	0.048	3.867	-1.053	-0.349	0.270	1.355
Item 4	41.829	27	0.090	0.043	2.469	-1.108	0.043	0.660	1.856
Item 5	42.440	30	0.090	0.037	1.519	-0.504	1.008	1.939	3.575
Item 8	46.680	32	0.090	0.039	2.003	-1.661	-1.005	-0.313	1.037

*RMSEA value <0.080 suggests that the item belongs to the respective latent construct. RMSEA, root-mean-square-error of approximation