

Supplementary Table 3. Graded response model output of the firefighter's version of the Stress and Anxiety to Viral Epidemic–9 items

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	49.524	47	0.480	0.013	2.184	-1.156	-0.298	0.299	1.582
Item 2	42.515	38	0.425	0.020	2.761	-1.021	-0.303	0.325	1.558
Item 3	46.508	34	0.282	0.035	0.342	-1.068	-0.337	0.281	1.384
Item 4	35.305	40	0.681	0.000	2.513	-1.090	0.049	0.660	1.837
Item 5	47.564	42	0.425	0.021	1.700	-0.457	0.953	1.813	3.301
Item 6	78.177	63	0.282	0.028	1.120	-0.870	0.543	1.431	2.612
Item 7	45.649	47	0.595	0.000	1.983	-1.160	-0.113	0.419	1.895
Item 8	63.268	41	0.126	0.042	2.121	-1.621	-0.964	-0.284	1.014
Item 9	62.975	52	0.320	0.026	1.798	-1.246	-0.272	0.376	1.837

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