

Supplementary material

Table S1. The simple mediation model of psychological capital in the relationship between COVID-19 stress and depression.

Outcomes	Predictors	b	β	SE	t	p	95%CI		R^2
							Lower	Upper	
PsyCap	Constant	4.3181		0.0783	55.1483	0.00	4.1640	4.4722	0.1044
	COVST	- 0.0257	- 0.3230	0.0044	- 5.8725	0.00	- 0.0343	- 0.0171	
DP	Step 1								0.2018
	Constant	0.1960		0.1370	1.4305	0.15	- 0.0736	.4656	
	COVST	0.0663	0.4492	0.0077	8.6499	0.00	0.0512	.0814	0.4118
	Step 2								
	Constant	4.0714		0.3955	10.2935	0.00	3.2930	4.8498	
	COVST	0.0432	0.2929	0.0070	6.2047	0.00	0.0295	0.0569	
	PsyCap	- 0.8975	- 0.4843	0.0874	- 10.263	0.00	- 1.069	- 0.7254	

Significant at $P < 0.01$, PsyCap, psychological capital; COVST, COVID-19 stress; and DP, depression.

Table S2. The parallel mediation model of hope, self-efficacy, resilience, and optimism in the relationship between COVID-19 stress and depression

Outcomes	Predictors	<i>b</i>	β	<i>SE</i>	<i>t</i>	<i>p</i>	95%CI		<i>R</i> ²
							Lower	Upper	
H	Constant	4.1353		0.0932	44.3786	0.0000	3.9520	4.3187	0.0615
	COVST	- 0.0230	- 0.2479	0.0052	- 4.4026	0.0000	- 0.0332	- 0.0127	
E	Constant	4.1563		0.0964	43.1153	0.0000	3.9666	4.3460	0.0740
	COVST	- 0.0262	- 0.2720	0.0054	- 4.8621	0.0000	- 0.0368	- 0.0156	
R	Constant	4.4804		0.0781	57.3867	0.0000	4.3268	4.6341	0.1010
	COVST	- 0.0252	- 0.3178	0.0044	- 5.7661	0.0000	- 0.0338	- 0.0166	
O	Constant	4.5005		0.0855	52.6363	0.0000	4.3322	4.6688	0.1074
	COVST	- 0.0285	- 0.3277	0.0048	- 5.9665	0.0000	- 0.0380	- 0.0191	
DP	<u>Step 1</u>								0.2018
	Constant	0.1960		0.1370	1.4305	1.536	- 0.0736	0.4656	
	COVST	0.0663	0.4492	0.0077	8.6499	0.0000	0.0512	0.0814	
	<u>Step 2</u>								
	Constant	4.0076		0.4208	9.5245	0.0000	3.1794	4.8357	
	COVST	0.0441	0.2985	0.0070	6.2792	0.0000	0.0302	0.0579	
	H	- 0.4235	- 0.2657	0.1222	- 3.4658	0.0006	- 0.6641	- 0.1830	
	E	- 0.1080	- 0.0706	0.1217	- 0.8879	0.3753	- 0.3475	0.1314	
	R	- 0.1644	- 0.0883	0.1534	- 1.0715	0.2848	- 0.4664	0.1376	
	O	- 0.1943	- 0.1147	0.1339	- 1.4507	0.1479	- 0.4579	0.0693	

Significant at $P < 0.01$; H, hope; E, self-efficacy; R, resilience, O, optimism, COVST, COVID-19 stress, and DP, depression.