

Supplementary Table 1. Descriptive Statistics, Variance Inflation Factor among the Observed Variables, and Confirmatory Factor Analysis (N = 235)

Descriptive statistics of variables								
Variables	Range	Min	Max	M ± SD	Skewness	Kurtosis		
Attitude toward the COVID-19 vaccination behavior	1~7	1.00	7.00	4.62 ± 1.26	- 0.46	0.47		
Subjective norm toward the COVID-19 vaccination behavior	1~7	1.00	7.00	4.88 ± 1.40	- 0.43	- 0.44		
Perceived behavioral control toward the COVID-19 vaccination behavior	1~7	1.00	7.00	4.50 ± 1.33	- 0.07	- 0.49		
COVID-19 vaccination intention	1~7	1.00	7.00	4.41 ± 1.60	- 0.13	- 0.82		
COVID-19 vaccination behavior	0~3	0	3	2.46 ± 0.59	- 0.85	1.06		
Variance inflation factor among the observed variables								
Variables	B	SE	β	t	p-value	Tolerance	VIF	
Attitude toward the COVID-19 vaccination behavior	- .03	.04	- .07	- 0.96	.338	.61	1.64	
Subjective norm toward the COVID-19 vaccination behavior	- .01	.03	- .02	- 0.30	.762	.68	1.46	
COVID-19 vaccination intention	.17	.03	.47	5.26	< .001	.45	2.21	
Confirmatory factor analysis								
	Question item number	Regression weight	SE	SRW (β)	C.R (t)	p-value	CR	AVE
Attitude toward COVID-19 vaccination behavior	1	1.00		.74			.94	.67
	2	1.00	.08	.84	13.28	< .001		
	3	1.21	.09	.89	14.22	< .001		
	4	1.07	.09	.79	12.45	< .001		
	5	1.22	.09	.82	12.95	< .001		
	6	1.02	.08	.84	13.24	< .001		
	7	1.15	.08	.89	14.18	< .001		
	8	0.94	.01	.75	11.66	< .001		
Subjective norm toward COVID-19 vaccination behavior	1	1.00		.81			.92	.67
	2	1.04	.07	.86	15.44	< .001		
	3	1.12	.07	.91	16.98	< .001		
	4	1.09	.06	.92	17.24	< .001		
	5	0.80	.07	.70	11.73	< .001		
	6	0.81	.07	.68	11.26	< .001		
Perceived behavioral control toward COVID-19 vaccination behavior	1	1.00		.77		< .001	.79	.48
	2	0.67	.10	.52	7.11	< .001		
	3	1.02	.10	.79	9.90	< .001		
	4	0.87	.10	.67	9.11	< .001		
COVID-19 vaccination intention	1	1.00		.91			.95	.79
	2	1.06	.04	.93	24.49	< .001		
	3	1.05	.04	.93	24.68	< .001		
	4	0.79	.05	.80	16.80	< .001		
	5	0.92	.05	.85	19.62	< .001		

Min = Minimum; Max = Maximum; M = Mean; SD = Standard deviation; SE = Standard error; VIF = Variance inflation factor; SRW = Standardized regression weight; C.R = Critical ratio; CR = Construct reliability; AVE = Average variance extracted.