

A Mediation Model of Self-Efficacy and Depression Between Burnout and Alcohol Consumption among Health Workers during Covid-19 Pandemic

Table S1. Descriptive statistics and reliability indexes.

	N	M	S.D.	α	ω	Range		Skewness	Kurtosis
						Observed			
						Min	Max		
1. Emotional									
Exhaustion	3,856	1.22	0.68	.87	.88	0.00	3.00	0.28	-0.46
2.									
Depersonalization	3,856	0.40	0.52	.83	.83	0.00	3.00	1.44	2.30
3. Achievement									
Dissatisfaction	3,856	0.66	0.68	.84	.85	0.00	3.00	1.03	0.50
4. Depression									
Depression	3,856	0.81	0.64	.90	.91	0.00	3.00	0.70	-0.14
5. Self-efficacy									
Self-efficacy	3,856	2.16	0.67	.86	.87	0.00	3.00	-0.74	0.50
6. Alcohol									
Alcohol Consumption	3,856	0.33	0.31	.81	.83	0.10	3.00	2.73	10.90

Note: α refers to Cronbach's formula and ω to McDonald's formula. The scores are mean-centered for direct comparison.

Table S2. Pearson's correlations across composite variables.

	1	2	3	4	5
1. Emotional Exhaustion	-				
2. Depersonalization	.48	-			
3. Achievement Dissatisfaction	.56	.50	-		
4. Depression	.66	.46	.52	-	
5. Self-efficacy	-.32	-.29	-.30	-.37	-
6. Alcohol Consumption	.18	.20	.18	.21	-.12

Note: All coefficient were statistically significant at $p < .001$

Table S3. Convergent and discriminant evidence of validity.

	CR	AVE	1	2	3	4	5	6
1. Emotional Exhaustion	.88	.59	(.77)	.56	.66	.74	.37	.21
2. Depersonalization	.83	.63	.57	(.79)	.60	.54	.34	.25
3. Achievement								
Dissatisfaction	.84	.58	.63	.56	(.76)	.60	.35	.21
4. Depression	.91	.58	.70	.51	.54	(.76)	.42	.25
5. Self-efficacy	.87	.64	-.34	-.32	-.32	-.36	(.80)	.15
6. Alcohol Consumption	.84	.34	.20	.24	.18	.25	-.15	(.59)

Note: CR: Composed reliability; AVE= Average variance extracted. The values in parenthesis across the diagonal are the squared roots of the AVE. The values over the diagonal are the results of the heterotrait-monotrait ratio correlations, HTMT. The values below the diagonal are the correlation of the latent traits.

Table S4. Gender difference across composite variables.

	Female (n=2,884)		Male (n=972)		t	df	p	Cohen's <i>d</i>
	M	S.D.	M	S.D.				
1. Emotional								
Exhaustion	1.28	0.67	1.06	0.67	8.74	3,854	<.001	.32
2. Depersonalization								
	0.41	0.52	0.38	0.51	1.49	3,854	.136	.05
3. Achievement								
Dissatisfaction	0.66	0.68	0.66	0.68	0.01	3,854	.991	.01
4. Depression								
	0.86	0.64	0.66	0.6	8.68	1,771	<.001	.31
5. Self-efficacy								
	2.15	0.64	2.21	0.72	-2.67	1,514	.008	-.11
6. Alcohol								
Consumption	0.30	0.26	0.44	0.38	-10.81	1,304	<.001	-.48

Note: All scores are mean-centered.

Table S5. Working-area difference across composite variables.

	Clinical & Medical Care (n=2,079)		Administrative Position (n=1,081)		Clinical & Laboratory Analyses (n=69)		General Services (n=627)		<i>F</i> (3, 3852)	<i>p</i>	η^2	post-hoc
	M	S.D.	M	S.D.	M	S.D.	M	S.D.				
1. Emotional												
Exhaustion	1.33	0.69	1.13	0.66	1.32	0.69	1.05	0.62	37.77	<.001	.029	1,3>4
2.												
Depersonalization	0.43	0.53	0.39	0.51	0.36	0.45	0.33	0.47	5.45	<.001	.004	1>4
3. Achievement												
Dissatisfaction	0.67	0.68	0.66	0.69	0.88	0.73	0.59	0.66	4.75	.003	.004	1,2>3>4
4. Depression												
	0.85	0.65	0.76	0.63	0.84	0.65	0.75	0.58	6.88	<.001	.005	1>2,4

5. Self-efficacy	2.14	0.67	2.18	0.69	2.10	0.65	2.26	0.62	6.21	<.001	.005	1<4
6. Alcohol												
Consumption	0.33	0.30	0.36	0.34	0.38	0.32	0.30	0.26	4.97	.002	.004	2>4

Note: All scores are mean-centered. Effect sizes are calculated by eta squared formula. Post-hoc analyses are calculated by means of Tukey formula.

Figure S1. Participant selection flow chart.

