

**Table S1**

*Linear regression analysis*

Dependent variable: PCS-S						
Independent variables	B	SE	$\beta$	<i>t</i>	VIF	<i>p</i>
Constant	19.92	3.90		5.13		< .01
Age group	0.66	0.82	.04	0.80	1.07	.43
Gender (ref. women)	-4.62	1.18	-.18	-3.94	1.08	< .01
School education level (ref. university entrance)	0.14	1.08	.01	0.13	1.11	.90
Less than three vaccinations (ref. more than three)	3.04	1.13	.12	2.69	1.10	< .01
Psychological treatment before infection (yes/no)	1.66	1.09	.07	1.53	1.12	.13
PEM	0.80	0.15	.35	5.38	2.31	< .01
FSS	0.00	0.64	.04	0.06	2.23	.96
PHQ-9	0.80	0.18	.35	4.38	3.42	< .01
GAD-7	-0.19	0.18	-.08	-0.08	2.80	.29
HS	-0.62	0.30	-.30	-2.06	1.66	.04
FF	0.57	0.30	.30	1.92	1.47	.06
HS×FF	-0.40	0.42	-.42	-0.94	1.07	.35

*HS and FF  
in post-COVID  
patients*

*Note.* PCS-S – Post-COVID Syndrome Score; PEM – Post-Exertional Malaise Screening Tool (severity subscale), FSS – Fatigue Severity Scale; PHQ-9 – Patient Health Questionnaire-9; GAD-7 – Generalized Anxiety Disorder Scale-7; HS – Hope for Success (AMS-10 subscale); FF – Fear of Failure (AMS-10 subscale), HS×FF – interaction between Hope for Success and Fear of Failure. Age groups are 1 – under 20 years, 2 – 20-39 years, 3 – 40-59 years, 4 – 60-79 years. *N* = 328.  $R^2 = .42$ ,  $R^2_{adjusted} = .39$ .

**Table S2**

*Pairwise group comparison*

Compared clusters	$M_{difference}$	SE	95% CI	<i>p</i>	Cohen's <i>d</i>
PHQ-9					
1 vs. 2	-1.51	0.77	-3.56, 0.54	.310	
1 vs. 3	0.16	0.75	-1.83, 2.16	1.000	
1 vs. 4	-2.77	0.88	-5.10, -0.43	.011	0.59
2 vs. 3	1.67	0.74	-0.29, 3.64	.147	
2 vs. 4	-1.26	0.87	-3.57, 1.05	.891	
3 vs. 4	-2.93	0.85	-5.19, -0.67	.004	0.58
GAD-7					
1 vs. 2	-2.65	0.62	-4.25, -1.05	< .001	0.56
1 vs. 3	-0.58	0.59	-2.11, 0.94	.754	
1 vs. 4	-4.10	0.84	-6.30, -1.90	< .001	0.86
2 vs. 3	2.07	0.69	0.27, 3.87	.017	0.43
2 vs. 4	-1.44	0.92	-3.83, 0.95	.396	
3 vs. 4	-3.51	0.90	-5.86, -1.17	< .001	0.67

*Note.* PHQ-9 – Patient Health Questionnaire-9; GAD-7 – Generalized Anxiety Disorder Scale-7. Bonferroni test for PHQ-9; Games-Howell for GAD-7 due to missing homoscedasticity. Effect sizes are only listed for significant results with  $p < .05$ .