

Supplementary material

Table S1. Parameters estimates for path model in the total sample ($N = 3230$)

Variables		<i>B</i>	<i>SE</i>	95% CI		β	<i>z</i>	<i>p</i>
Dependent	Predictor			Lower	Upper			
Life satisfaction	Physical health	−0.98	0.11	−1.20	−0.76	−0.14	−8.77	< 0.001
Life satisfaction	Anxiety	0.25	0.03	0.19	0.31	0.22	7.95	< 0.001
Life satisfaction	Depression	−0.25	0.03	−0.30	−0.19	−0.26	−9.34	< 0.001
Life satisfaction	Relationships	−1.28	0.18	−1.63	−0.94	−0.11	−7.19	< 0.001
Life satisfaction	Religiosity	0.51	0.10	0.32	0.72	0.08	5.04	< 0.001
Life satisfaction	Positive effects	0.20	0.02	0.17	0.23	0.20	12.20	< 0.001
Life satisfaction	Gender	1.24	0.19	0.89	1.59	0.10	6.65	< 0.001
Life satisfaction	Stress	−0.30	0.02	−0.33	−0.27	−0.37	−18.03	< 0.001
Life satisfaction	Age	0.02	0.03	−0.03	0.07	0.01	0.69	0.488
Physical health	PA	−0.17	0.03	−0.23	−0.11	−0.09	−5.82	< 0.001
Physical health	Stress	0.03	0.00	0.02	0.03	0.21	9.71	< 0.001
Physical health	Age	0.03	0.00	0.02	0.04	0.11	7.08	< 0.001
Physical health	Anxiety	0.03	0.00	0.03	0.04	0.20	8.80	< 0.001
PTSD	Physical health	0.89	0.19	0.48	1.24	0.06	4.63	< 0.001
PTSD	Stress	0.39	0.03	0.34	0.45	0.23	13.87	< 0.001
PTSD	Anxiety	1.31	0.05	1.20	1.40	0.55	27.14	< 0.001
Anxiety	Stress	0.50	0.01	0.48	0.52	0.70	54.85	< 0.001
Depression	Anxiety	0.60	0.02	0.55	0.64	0.51	24.28	< 0.001
Depression	Religiosity	−0.57	0.07	−0.70	−0.44	−0.08	−8.72	< 0.001
Depression	Stress	0.08	0.01	0.06	0.10	0.10	6.32	< 0.001
Depression	Age	−0.04	0.01	−0.07	−0.01	−0.02	−2.82	0.005
Depression	Physical health	0.52	0.08	0.39	0.68	0.07	6.88	< 0.001
Depression	Relationships	0.87	0.12	0.64	1.11	0.07	7.20	< 0.001
Depression	PTSD	0.14	0.01	0.12	0.16	0.28	15.24	< 0.001

Note. PTSD = posttraumatic stress disorder related to the COVID-19 pandemic, *CI* = confidence interval.

Table S2. Parameters estimates for path model in the Polish sample ($n = 1581$)

Variables		<i>B</i>	<i>SE</i>	95% CI		β	<i>z</i>	<i>p</i>
Dependent	Predictor			Lower	Upper			
Life satisfaction	Physical health	−0.95	0.11	−1.14	−0.71	−0.13	−8.72	<0.001
Life satisfaction	Anxiety	0.24	0.03	0.18	0.30	0.22	7.77	<0.001
Life satisfaction	Depression	−0.24	0.03	−0.30	−0.20	−0.26	−9.37	<0.001
Life satisfaction	Relationships	−1.35	0.18	−1.71	−1.01	−0.11	−7.63	<0.001
Life satisfaction	Religiosity	−0.56	0.10	0.35	0.76	0.09	5.45	<0.001
Life satisfaction	Positive effects	0.18	0.02	0.15	0.21	0.18	11.26	<0.001
Life satisfaction	Gender	1.11	0.18	0.75	1.48	0.09	6.23	<0.001
Life satisfaction	Stress	−0.29	0.02	−0.33	−0.26	−0.36	−17.19	<0.001
Life satisfaction	Age	0.08	0.03	0.02	0.13	0.05	2.73	0.006
Physical health	PA	−0.18	0.03	−0.24	−0.12	−0.11	−5.98	<0.001
Physical health	Stress	0.02	0.00	0.02	0.03	0.22	9.02	<0.001
Physical health	Age	0.02	0.00	0.01	0.03	0.09	4.82	<0.001
Physical health	Anxiety	0.03	0.00	0.03	0.04	0.22	8.71	<0.001
PTSD	Physical health	0.76	0.19	0.39	1.15	0.05	3.93	<0.001
PTSD	Stress	0.38	0.03	0.32	0.44	0.23	13.03	<0.001
PTSD	Anxiety	1.33	0.05	1.22	1.41	0.58	27.67	<0.001
Anxiety	Stress	0.50	0.01	0.48	0.52	0.69	56.90	<0.001
Depression	Anxiety	0.60	0.02	0.55	0.64	0.51	25.51	<0.001
Depression	Religiosity	−0.58	0.07	−0.71	−0.45	−0.09	−8.78	<0.001
Depression	Stress	0.08	0.01	0.06	0.11	0.10	6.32	<0.001
Depression	Age	−0.05	0.02	−0.08	−0.02	−0.03	−3.18	0.001
Depression	Physical health	0.52	0.07	0.38	0.66	0.07	7.30	<0.001
Depression	Relationships	0.88	0.11	0.66	1.10	0.07	7.88	<0.001
Depression	PTSD	0.14	0.01	0.12	0.15	0.27	15.24	<0.001

Note. PTSD = posttraumatic stress disorder related to the COVID-19 pandemic, *CI* = confidence interval.

Table S3. Parameters estimates for path model in the Ukrainian sample ($n = 1649$)

Variables		<i>B</i>	<i>SE</i>	95% CI		β	<i>z</i>	<i>p</i>
Dependent	Predictor			Lower	Upper			
Life satisfaction	Physical health	−0.95	0.11	−1.14	−0.71	−0.15	−8.72	<0.001
Life satisfaction	Anxiety	0.24	0.03	0.18	0.30	0.21	7.77	<0.001
Life satisfaction	Depression	−0.24	0.03	−0.30	−0.20	−0.25	−9.37	<0.001
Life satisfaction	Relationships	−1.35	0.18	−1.71	−1.01	−0.11	−7.63	<0.001
Life satisfaction	Religiosity	0.56	0.10	0.35	0.76	0.08	5.45	<0.001
Life satisfaction	Positive effects	0.18	0.02	0.15	0.21	0.19	11.26	<0.001
Life satisfaction	Gender	1.11	0.18	0.75	1.48	0.09	6.23	<0.001
Life satisfaction	Stress	−0.29	0.02	−0.33	−0.26	−0.35	−17.19	<0.001
Life satisfaction	Age	0.08	0.03	0.02	0.13	0.03	2.73	0.006
Physical health	PA	−0.18	0.03	−0.24	−0.12	−0.09	−5.98	<0.001
Physical health	Stress	0.02	0.00	0.02	0.03	0.19	9.02	<0.001
Physical health	Age	0.02	0.00	0.01	0.03	0.05	4.82	<0.001
Physical health	Anxiety	0.03	0.00	0.03	0.04	0.18	8.71	<0.001
PTSD	Physical health	0.76	0.19	0.39	1.15	0.06	3.93	<0.001
PTSD	Stress	0.38	0.03	0.32	0.44	0.22	13.03	<0.001
PTSD	Anxiety	1.33	0.05	1.22	1.41	0.55	27.67	<0.001
Anxiety	Stress	0.50	0.01	0.48	0.52	0.71	56.90	<0.001
Depression	Anxiety	0.60	0.02	0.55	0.64	0.50	25.51	<0.001
Depression	Religiosity	−0.58	0.07	−0.71	−0.45	−0.08	−8.78	<0.001
Depression	Stress	0.08	0.01	0.06	0.11	0.10	6.32	<0.001
Depression	Age	−0.05	0.02	−0.08	−0.02	−0.02	−3.18	0.001
Depression	Physical health	0.52	0.07	0.38	0.66	0.08	7.30	<0.001
Depression	Relationships	0.88	0.11	0.66	1.10	0.07	7.88	<0.001
Depression	PTSD	0.14	0.01	0.12	0.15	0.28	15.24	<0.001

Note. PTSD = posttraumatic stress disorder related to the COVID-19 pandemic, *CI* = confidence interval.

Table S4. Estimation of path parameters for life satisfaction in Polish sample of university students ($n = 1581$)

Path parameter	<i>B</i>	<i>SE</i>	95% CI		β	<i>z</i>	<i>p</i>
			Lower	Upper			
PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	-0.03	0.01	-0.04	-0.01	0.00	-3.55	<0.001
PH \Rightarrow Depression \Rightarrow LS	-0.13	0.02	-0.17	-0.09	-0.02	-5.95	<0.001
Anxiety \Rightarrow PH \Rightarrow LS	-0.03	0.01	-0.04	-0.02	-0.03	-6.39	<0.001
Anxiety \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-3.25	0.001
Anxiety \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.00	0.00	-0.01	0.00	0.00	-4.89	<0.001
Anxiety \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	-0.05	0.01	-0.06	-0.04	-0.04	-7.74	<0.001
Anxiety \Rightarrow Depression \Rightarrow LS	-0.15	0.02	-0.18	-0.11	-0.13	-8.60	<0.001
RelStat1 \Rightarrow Depression \Rightarrow LS	-0.21	0.04	-0.29	-0.15	-0.02	-5.98	<0.001
Religiosity \Rightarrow Depression \Rightarrow LS	0.14	0.02	0.10	0.19	0.02	6.29	<0.001
Stress \Rightarrow PH \Rightarrow LS	-0.02	0.00	-0.03	-0.02	-0.03	-6.05	<0.001
Stress \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-3.31	<0.001
Stress \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-4.98	<0.001
Stress \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	-0.01	0.00	-0.02	-0.01	-0.02	-7.32	<0.001
Stress \Rightarrow Anxiety \Rightarrow LS	0.12	0.02	0.09	0.15	0.15	7.69	<0.001
Stress \Rightarrow Anxiety \Rightarrow PH \Rightarrow LS	-0.02	0.00	-0.02	-0.01	-0.02	-6.42	<0.001
Stress \Rightarrow Anxiety \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-3.26	0.001
Stress \Rightarrow Anxiety \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-4.89	<0.001
Stress \Rightarrow Anxiety \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	-0.02	0.00	-0.03	-0.02	-0.03	-7.69	<0.001
Stress \Rightarrow Anxiety \Rightarrow Depression \Rightarrow LS	-0.07	0.01	-0.09	-0.06	-0.09	-8.49	<0.001
Stress \Rightarrow Depression \Rightarrow LS	-0.02	0.00	-0.03	-0.01	-0.03	-5.28	<0.001
Age \Rightarrow PH \Rightarrow LS	-0.02	0.00	-0.03	-0.01	-0.01	-4.17	<0.001
Age \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-2.75	0.006
Age \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-3.69	<0.001
Age \Rightarrow Depression \Rightarrow LS	0.01	0.00	0.01	0.02	0.01	2.97	0.003
PA \Rightarrow PH \Rightarrow LS	0.17	0.04	0.11	0.26	0.01	4.64	<0.001
PA \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.01	0.00	0.00	0.01	0.00	3.06	0.002
PA \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.02	0.01	0.01	0.04	0.00	4.18	<0.001
PTSD \Rightarrow Depression \Rightarrow LS	-0.03	0.00	-0.04	-0.03	-0.07	-8.25	<0.001

Table S5. Estimation of path parameters for life satisfaction in Ukrainian sample of university students ($n = 1649$)

Path parameter	<i>B</i>	<i>SE</i>	95% CI		β	<i>z</i>	<i>p</i>
			Lower	Upper			
PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	-0.03	0.01	-0.04	-0.01	0.00	-3.55	< 0.001
PH \Rightarrow Depression \Rightarrow LS	-0.13	0.02	-0.17	-0.09	-0.02	-5.95	< 0.001
Anxiety \Rightarrow PH \Rightarrow LS	-0.03	0.01	-0.04	-0.02	-0.03	-6.39	< 0.001
Anxiety \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-3.25	0.001
Anxiety \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.00	0.00	-0.01	0.00	0.00	-4.89	< 0.001
Anxiety \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	-0.05	0.01	-0.06	-0.04	-0.04	-7.74	< 0.001
Anxiety \Rightarrow Depression \Rightarrow LS	-0.15	0.02	-0.18	-0.11	-0.13	-8.60	< 0.001
RelStat1 \Rightarrow Depression \Rightarrow LS	-0.21	0.04	-0.29	-0.15	-0.02	-5.98	< 0.001
Religiosity \Rightarrow Depression \Rightarrow LS	0.14	0.02	0.10	0.19	0.02	6.29	< 0.001
Stress \Rightarrow PH \Rightarrow LS	-0.02	0.00	-0.03	-0.02	-0.03	-6.05	< 0.001
Stress \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-3.31	< 0.001
Stress \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-4.98	< 0.001
Stress \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	-0.01	0.00	-0.02	-0.01	-0.02	-7.32	< 0.001
Stress \Rightarrow Anxiety \Rightarrow LS	0.12	0.02	0.09	0.15	0.15	7.69	< 0.001
Stress \Rightarrow Anxiety \Rightarrow PH \Rightarrow LS	-0.02	0.00	-0.02	-0.01	-0.02	-6.42	< 0.001
Stress \Rightarrow Anxiety \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-3.26	0.001
Stress \Rightarrow Anxiety \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-4.89	< 0.001
Stress \Rightarrow Anxiety \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	-0.02	0.00	-0.03	-0.02	-0.03	-7.69	< 0.001
Stress \Rightarrow Anxiety \Rightarrow Depression \Rightarrow LS	-0.07	0.01	-0.09	-0.06	-0.09	-8.49	< 0.001
Stress \Rightarrow Depression \Rightarrow LS	-0.02	0.00	-0.03	-0.01	-0.02	-5.28	< 0.001
Age \Rightarrow PH \Rightarrow LS	-0.02	0.00	-0.03	-0.01	-0.01	-4.17	< 0.001
Age \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-2.75	0.006
Age \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.00	0.00	0.00	0.00	0.00	-3.69	< 0.001
Age \Rightarrow Depression \Rightarrow LS	0.01	0.00	0.01	0.02	0.01	2.97	0.001
PA \Rightarrow PH \Rightarrow LS	0.17	0.04	0.11	0.26	0.01	4.64	< 0.001
PA \Rightarrow PH \Rightarrow PTSD \Rightarrow Depression \Rightarrow LS	0.01	0.00	0.00	0.01	0.00	3.06	0.001
PA \Rightarrow PH \Rightarrow Depression \Rightarrow LS	0.02	0.01	0.01	0.04	0.00	4.18	< 0.001
PTSD \Rightarrow Depression \Rightarrow LS	-0.03	0.00	-0.04	-0.03	-0.07	-8.25	< 0.001