Supplementary Table S1 Measures used in this study.

Measures	Items	Response scale
Depression (DRPST [1]): In recent one month, do you have the following symptoms persisted more than two weeks?	Item 1: Depressed mood most of the day, nearly every day.	0 = no, 1 = yes
	Item 2: Fatigue or loss of energy nearly every day.	0 = no, 1 = yes
	Item 3: Feeling of worthlessness or excessive or inappropriate guilt nearly every day	0 = no, 1 = yes
Sleep (PSQI [2]): During the past month,….	Item 1: Do you cannot get to sleep within 30 minutes?	1 = not during the past month, 2 = less than once a week, 3 = once or twice a week, 4 = three or more times a week.
	Item 2: Do you wake up in the middle night or early morning, and you cannot sleep again?	1 = not during the past month, 2 = less than once a week, 3 = once or twice a week, 4 = three or more times a week.
	Item 3: How would you rate your sleep quality overall?	1 = very good, 2 = fairly good, 3 = fairly bad, 4 = very bad.
	Item 4: How much of a problem has it been for you to keep up enough enthusiasm to get things done?	1 = not a problem at all, 2 = only a very slight problem, 3 = somewhat of a problem, 4 = a very big problem.
Physical pain (SF-12v2 [3])	During the past one month, how much did pain interfere with your normal work (including both work outside the home and housework)	1 = not at all, 2 = a little bit, 3 = moderately, 4 = quite a bit, 5 = extremely.
Social distance (SISQ [4]): How has COVID-19 impacted you?	Item 1: I avoid communication with or encountering strangers.	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)
	Item 2: I avoid close or personal contact with family members and/or people I am close to.	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)
	Item 3: I avoid going out, especially if I should require public transport	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)
	Item 4: I reduce eating out.	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)

Social anxiety (SISQ [4]): How has COVID-19 impacted you?	Item 1: I worry about the pandemic affecting my work.	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)
	Item 2: I feel anxious or fearful due to the pandemic.	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)
Social information (SISQ [4]): How has COVID-19 impacted you?	Item 1: I constantly check for latest pandemic news updates via television, computer or phone	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)
	Item 2: I continuously seek out information regarding COVID-19.	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)
Social adaptation (SISQ [4]): How has COVID-19 impacted you?	Item 1: I am more cautious of residents from severely impacted areas	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)
	Item 2: I avoid or cancel traveling overseas (Answer "60%", if you have cancelled an overseas trip. Answer "10%" or "30%", if you are still considering your cancellation.)	1 = never (0%), 2 = Rarely (10%), 3 = sometimes (30%), 4 = often (60% or above)

[1]: DRPST= Disaster-Related Psychological Screening Test
[2]: PSQI= Pittsburgh Sleep Quality Index
[3]: SF-12v2= The 12-item Short Form Survey version 2
[4]: SISQ= Societal Influences Survey Questionnaires

Supplementary Table S2 Distribution of marital status.

Marital status	n	%
Single	64	53.8
Married	16	13.4
Divorced	33	27.7
Widowed	6	5.0
Cohabited	0	0

Supplementary Table S3 Distribution of events for psychological trauma.

Psychological trauma	n	%
Biological disaster	34	28.6
Earthquake	25	21.0
Typhoon/ Flood/ Landslide	20	16.8
Kaohsiung Gas Explosion	6	5.0
Domestic violence in marriage	26	21.8
Victim of sexual assault	10	8.4
Childhood abuse	16	13.4
Unintentional accident	8	6.7
Military exercise/ war	3	2.5
Criminal events/ violence	14	11.8
Suicide/ self-harm	25	21.0
Others	16	13.4

Supplementary Table S4 Distribution of chronic disease (medical).

Chronic medical disease	n	%
Hypertension	27	22.7
Dyslipidemia	18	15.1
Diabetes mellitus	17	14.3
Coronary artery disease	19	16.0
Hepato-biliary disease	6	5.0
Gastric disease	17	14.3
Lung disease	3	2.5
Cancer	1	0.8
Others	22	18.5

Supplementary Table S5. Predictors for level of depression verified with multivariate linear regression with 1000 bootstrapping samples.

Predictors	β	95% CI	p
Social anxiety	0.09	-0.02, 0.19	0.093[a]
Sex			
Male	Ref	-	-
Female	0.45	0.06, 0.89	**0.043**
Marital status			
Without partner	Ref	-	-
With partner	0.67	0.08, 1.23	**0.025**
Psychological trauma			
No	Ref	-	-
Yes	0.58	0.07, 1.07	**0.023**
Drinking (≥3 times per week)			
No	Ref	-	-
Yes	0.70	0.03, 1.32	**0.026**

[a]: excluded from bootstrapping methods

Supplementary Table S6. Predictors for level of sleep disturbance verified with multivariate linear regression with 1000 bootstrapping samples.

Predictors	β	95% CI	p
Social anxiety	0.33	-0.07, 0.702	0.112 [a]
Social information	-0.02	-0.43, 0.42	0.952 [a]
Social adaptation	0.23	-0.14, 0.59	0.234 [a]
Sex			
Male	Ref		
Female	1.27	-0.01, 2.58	0.06 [a]
Marital status			
Without partner	Ref		
With partner	2.38	0.30, 4.58	**0.038**
Drinking (≥3 times per week)			
No	Ref		
Yes	2.51	0.94, 3.94	**0.002**

[a]: excluded from bootstrapping methods

Supplementary Table S7. Predictors for level of physical pain verified with multivariate linear regression with 1000 bootstrapping samples.

Predictors	β	95% CI	p
Social anxiety	0.21	0.05, 0.35	**0.006**
Social information	0.02	-0.14, 0.18	0.768 [a]
Social adaptation	-0.04	-0.17, 0.09	0.543 [a]
Chronic disease (medical)			
No	Ref		
Yes	0.38	-0.05, 0.82	0.089 [a]
Psychological trauma			
No	Ref		
Yes	0.52	0.10, 0.94	**0.019**

[a]: excluded from bootstrapping methods