

Supplementary Materials

Table S1. Descriptive statistics for measured psychological characteristics (N = 668).

| Variable | Min. | Max. | Mean | SD | Skewness | Kurtosis |
|----------|------|------|-------|-------------|--------------|-------------|
| PFA | 1 | 5 | 4.39 | 0.77 | -1.47 | 1.61 |
| LIS | 6 | 30 | 15.54 | 4.56 | 0.56 | 0.21 |
| BFS | 6 | 29 | 15.92 | 4.14 | 0.47 | 0.03 |
| BFF | 5 | 25 | 13.09 | 4.31 | 0.34 | -0.29 |
| BFH | 6 | 25 | 14.78 | 3.94 | 0.35 | -0.36 |
| BFTA | 4 | 20 | 10.48 | 3.19 | 0.69 | 0.12 |
| NRTF | 4 | 20 | 11.57 | 3.43 | 0.32 | -0.60 |
| FIS | 4 | 20 | 12.47 | 3.38 | 0.20 | -0.42 |
| SSBS | 56 | 154 | 93.85 | 18.46 | 0.66 | 0.31 |
| KADS | 0 | 18 | 5.32 | 4.48 | 0.87 | 0.19 |
| PP | 13.0 | 44.0 | 28.93 | 5.46 | -0.20 | -0.14 |
| PN | 11.0 | 50.0 | 32.91 | 7.32 | -0.01 | -0.50 |
| PF | 12.0 | 43.0 | 26.41 | 4.89 | 0.03 | 0.46 |
| PH | 24.0 | 75.0 | 52.58 | 7.95 | -0.19 | 42 |
| F | 14.0 | 64.0 | 39.12 | 8.01 | 0.20 | 0.05 |

Note: Positive Temporal Perspective (PP), Past-Negative Temporal Perspective (PN), Present Fatalist Temporal Perspective (PF), Present-Hedonistic Temporal Perspective (PH) and Future Time Perspective (F); Perceived Family Acceptance (PFA); School burnout (SSBS); Burnout from Studying (BFS); Burnout from Family (BFF); Loss of Interest in School (LIS); Burnout from Homework (BFH); Burnout from Teacher Attitudes (BFTA); Need to Rest and Time for Fun (NRTF); Feeling of Insufficiency at School (FIS); Adolescent Depression (KADS).

Table S2. Boot-strapped likelihood ratio test results (BLRT) for time perspective and school burnout profiles.

| G | Time Perspective | | Student Burnout | | Time Perspective & Student Burnout | |
|---------|------------------|---------|-----------------|---------|------------------------------------|----------|
| | BLRT | p-Value | LRTS | p-Value | LRTS | p-Value |
| 1 vs. 2 | 87.67 | 0.001 | 1202.62 | <0.001 | 293.22 | <0.001 |
| 2 vs. 3 | 93.32 | 0.001 | 299.82 | <0.001 | 120.00 | <0.001 * |
| 3 vs. 4 | 155.86 | 0.001 | 152.71 | <0.001 | --- | --- |
| 4 vs. 5 | 37.86 | 0.035 | 59.42 | <0.001 | --- | --- |
| 5 vs. 6 | -69.39 | 0.977 | 255.62 | <0.001 | --- | --- |
| 6 vs. 7 | --- | --- | 68.34 | <0.001 | --- | --- |
| 7 vs. 8 | --- | --- | 17.08 | 0.996 | --- | --- |

Note: *—by the G values higher than 3 the algorithm did not converge, so the highest possible value (G = 3) was chosen.

Table S3. Differences between pre-and post-COVID 19 samples among five profiles in PFA, SSBS, and KADS scores.

| Variable | | Profile 1 | Profile 2 | Profile 3 | Profile 4 | Profile 5 |
|-----------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|
| | | Mean ± SD |
| Perceived Family Acceptance (PFA) | Pre-COVID 19 | 4.52 ± 0.04 | 4.56 ± 0.05 | 4.45 ± 0.06 | 5.00 ± 0.00 | 4.00 ± 0.00 |
| | Post-COVID 19 | 4.33 ± 0.08 | 4.23 ± 0.12 | 3.84 ± 0.16 | 4.77 ± 0.08 | 4.20 ± 0.22 |
| | Cohen d | 3.00 | 3.59 | 5.05 | 4.07 | 1.29 |
| | Effect size r | 0.83 | 0.87 | 0.93 | 0.90 | 0.54 |
| Student school burnout (SSBS) | Pre-COVID 19 | 88.38 ± 0.92 | 82.72 ± 1.29 | 90.77 ± 1.54 | 78.33±12.99 | 91.50 ± 0.50 |
| | Post-COVID 19 | 98.05 ± 1.59 | 96.68 ± 2.29 | 110.56±2.97 | 93.62 ± 3.50 | 128.30±2.30 |
| | Cohen d | 7.44 | 7.51 | 8.37 | 1.61 | 22.11 |
| | Effect size r | 0.97 | 0.97 | 0.97 | 0.63 | 0.99 |
| Adolescent Depression (KADS) | Pre-COVID 19 | 5.08 ± 0.30 | 4.80 ± 0.44 | 6.03 ± 0.53 | 0.67 ± 0.67 | 4.50 ± 1.50 |
| | Post-COVID 19 | 4.34 ± 0.34 | 4.83 ± 0.54 | 10.16 ± 0.71 | 2.77 ± 0.37 | 8.60 ± 0.63 |
| | Cohen d | 2.31 | 0.06 | 6.59 | 3.88 | 3.56 |
| | Effect size r | 0.76 | 0.03 | 0.96 | 0.89 | 0.87 |

Note: Pre-COVID 19—students examined before pandemic COVID-19 outbreak; Post-COVID 19—students examined after pandemic COVID 19 outbreak.

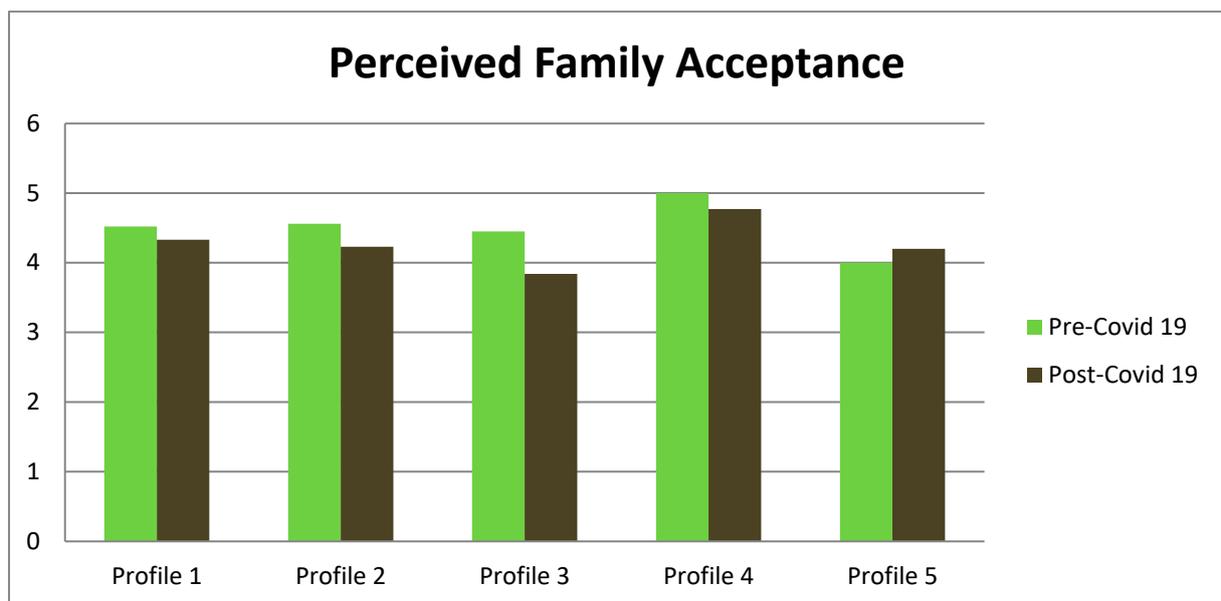


Figure S1. Differences in the levels of perceived family acceptance between pre-and post-COVID 19 samples among five distinguished profiles.

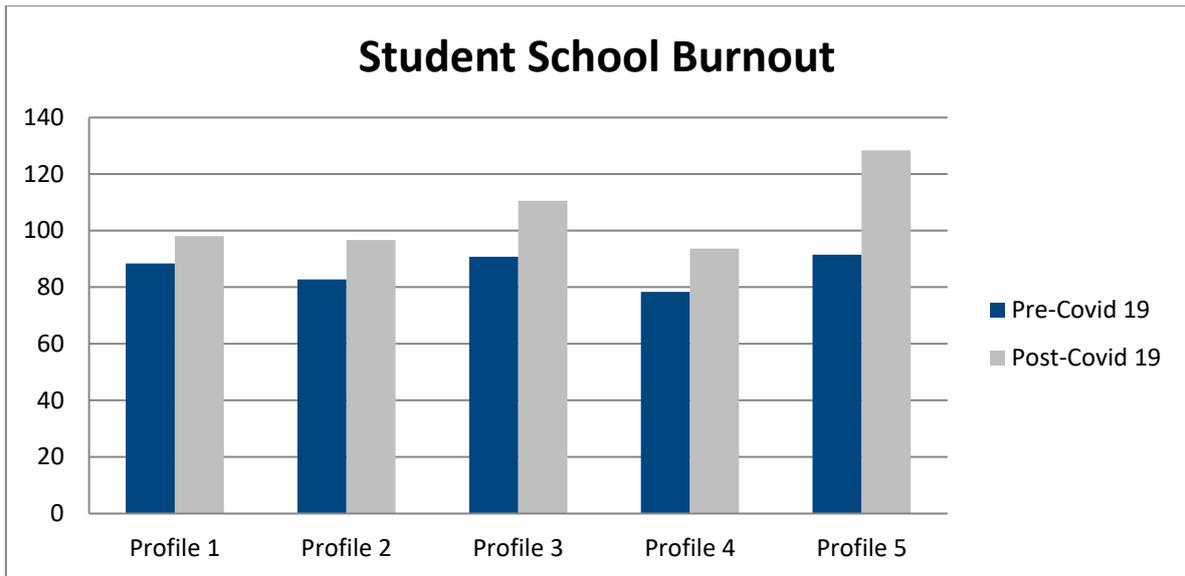


Figure S2. Differences in the levels of student school burnout between pre-and post-COVID 19 samples among five distinguished profiles.

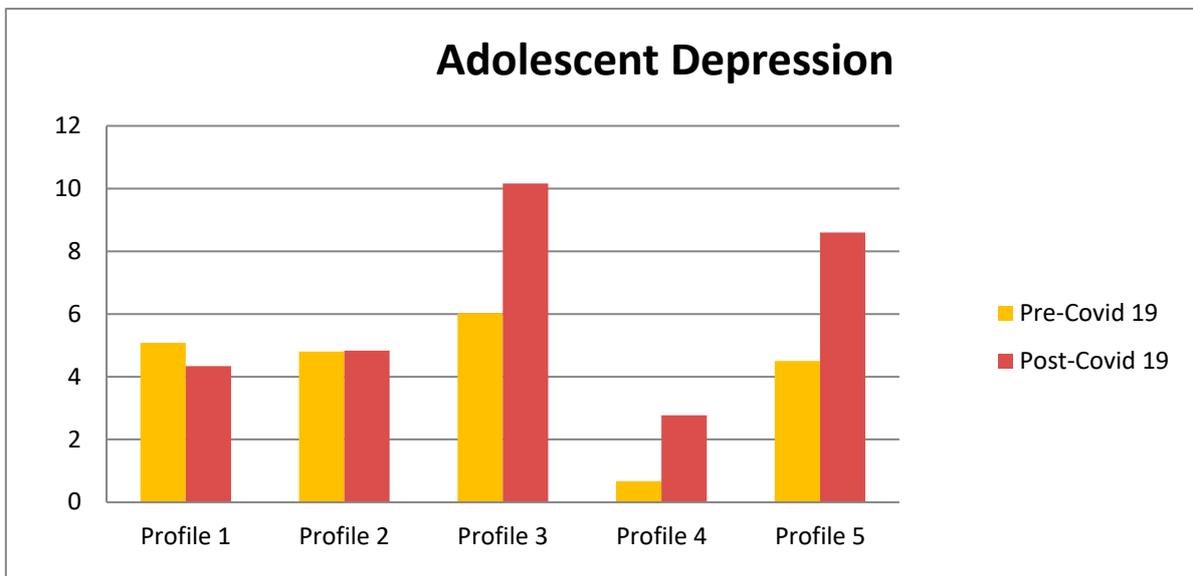


Figure S3. Differences in the levels of adolescent depression between pre-and post-COVID 19 samples among five distinguished profiles.