**Table S1**. Univariate analysis of the effect of student and pandemic related factors on medical student burnout during the COVID-19 pandemic. Burnout levels are given as the full-scale result of the Oldenburg Burnout Inventory questionnaire adapted for academic environments (OLBI-S) questionnaire, with a total score from 16-64. Continuous variables are given as median and interquartile range (IQR).

|  |  |
| --- | --- |
|  | **Burnout OLBI-S (Full Scale)** |
| **Variable** | **Categories** | **Median** | **IQR** | ***P*-value** |
| Physical exercise frequency | DailyA few times weeklyA few times monthlyRarely/never | 37394242 | 26-4433-4434-4838-47 | **<0.001** |
| Alcohol drinking frequency | DailyA few times weeklyA few times monthlyRarely/never | 42403940 | 34.5-50.2535-4633-45.534-47 | 0.52 |
| Smoking | ≥1 pack/day1 pack/2-4 days1 pack/weekRarely/never | 42444040 | 39-5139.75-4934-4633-46 | **0.03** |
| Body weight | Gained weightLost weightMaintained weight | 434039 | 38-4935-4432-46 | **0.002** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sleep quality | Very goodFairly goodFairly poorPoor | 37394244 | 30.5-4333-4537-4838.75-47 | **0.004** |
| Financial situation | ImprovedWas stableDeteriorated | 343943 | 26.5-4133-4538-48 | **<0.001** |
| Health issues / negative personal life events | YesNoPrefer not to say | 433942 | 37-5032.75-44.2538-46.5 | **<0.001** |
| Extracurricular responsibilities | YesNo | 4239 | 35.25-4733-46 | **0.013** |
| Social media use | >3hours/day1-3 hours/day<1hour/day | 433939 | 37-4933-4431-45 | **0.002** |
| Time spent in class preparation | >5 hours/day3-5 hours/day1-3 hours/day<1 hour/day | 41384044 | 33-4731-4435-4537-51 | **0.009** |
| Perceived support from faculty/advisors | Very goodFairly goodFairly poorPoor | 37384447.5 | 30-41.533-43.7539-4743.75-54.25 | **<0.001** |
| Mother language | GreekEnglishGermanOther | 39444445 | 33-4437.25-48.7536-4735.75-50 | **0.009** |
| Self-reported familiarity with technology | ExpertAdvancedIntermediateBeginner | 37404335 | 30-4433-4638-4731.5-35 | **0.002** |

**Figure S1**. Correlations between the different subscales of the burnout and motivation questionnaires used in this study.





















