**Table 4. Factors Associated with Symptoms of Burnout, Anxiety, Distress, and Depression Following Multivariable Logistic Regression**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | **Participants with symptoms/ Total (%)** | **Adjusted OR (95%CI)** | **P value** | |
| **Category** | **Overall** |
| **Mini-Z: burnout symptoms** | | | | | |
|  | **Role** |  | | | |
| Resident | 49/165 (29.7) | 1 [Reference] | NA | **0.005** |
| Attending | 27/184 (14.7) | 0.28 (0.11-0.68) | **0.005** |
| **Sex** |  | | | |
| Men | 36/212 (17.0) | 1 [Reference] | NA | **0.018** |
| Women | 40/137 (29.2) | 1.93 (1.12-3.32) | **0.018** |
| **Age** |  | | | |
| 26-30 | 27/94 (28.7) | 1 [Reference] | NA | 0.481 |
| 31-35 | 25/114 (21.9) | 1.14 (0.57-2.28) | 0.709 |
| 36-40 | 10/44 (22.7) | 2.46 (0.76-7.96) | 0.131 |
| >40 | 14/97 (14.4) | 1.78 (0.57-5.55) | 0.317 |
| **Surge Status** |  | | | |
| Pre | 6/28 (21.4) | 1 [Reference] | NA | 0.738 |
| Surge | 44/205 (21.5) | 0.80 (0.29-2.25) | 0.678 |
| Post | 26/116 (22.4) | 0.67 (0.22-2.06) | 0.482 |
| **Cases** |  | | | |
| <20,000 | 36/189 (19.0) | 1 [Reference] | NA | 0.219 |
| >20,000 | 40/160 (25.0) | 1.44 (0.80-2.58) | 0.219 |
| **GAD-7: anxiety symptoms** | | | | | |
|  | **Role** |  | | | |
| Resident | 83/165 (50.3) | 1 [Reference] | NA | 0.872 |
| Attending | 84/184 (45.7) | 1.06 (0.53-2.13) | 0.872 |
| **Sex** |  | | | |
| Men | 83/212 (39.2) | 1 [Reference] | NA | **<0.0005** |
| Women | 84/137 (61.3) | 2.53 (1.59-4.02) | **<0.0005** |
| **Age** |  | | | |
| 26-30 | 52/94 (55.3) | 1 [Reference] | NA | 0.608 |
| 31-35 | 51/114 (44.7) | 0.66 (0.35-1.26) | 0.213 |
| 36-40 | 21/44 (47.7) | 0.77 (0.29-2.06) | 0.605 |
| >40 | 43/97 (44.3) | 0.83 (0.34-2.04) | 0.681 |
| **Surge Status** |  | | | |
| Pre | 16/28 (57.1) | 1 [Reference] | NA | 0.188 |
| Surge | 92/205 (44.9) | 0.46 (0.20-1.07) | 0.071 |
| Post | 59/116 (50.9) | 0.50 (0.20-1.27) | 0.146 |
| **Cases** |  | | | |
| <20,000 | 84/189 (44.4) | 1 [Reference] | NA | 0.155 |
| >20,000 | 83/160 (51.9) | 1.42 (0.88-2.30) | 0.155 |  |
| **IES: distress symptoms** | | | | | |
|  | **Role** |  | | | |
| Resident | 96/165 (58.2) | 1 [Reference] | NA | 0.827 |
| Attending | 114/184 (62.0) | 1.08 (0.53-2.21) | 0.827 |  |
| **Sex** |  | | | |
| Men | 112/212 (52.8) | 1 [Reference] | NA | **<0.0005** |
| Women | 98/137 (71.5) | 2.68 (1.64-4.37) | **<0.0005** |  |
| **Age** |  | | | |
| 26-30 | 56/94 (59.6) | 1 [Reference] | NA | 0.288 |
| 31-35 | 65/114 (57.0) | 1.01 (0.52-1.95) | 0.983 |
| 36-40 | 25/44 (56.8) | 0.99 (0.36-2.72) | 0.990 |
| >40 | 64/97 (66.0) | 1.84 (0.72-4.68) | 0.204 |
| **Surge Status** |  | | | |
| Pre | 18/28 (64.3) | 1 [Reference] | NA | 0.240 |
| Surge | 115/205 (56.1) | 0.50 (0.21-1.19) | 0.115 |
| Post | 77/116 (66.4) | 0.60 (0.23-1.57) | 0.298 |
| **Cases** |  | | | |
| <20,000 | 101/189 (53.4) | 1 [Reference] | NA | **0.006** |
| >20,000 | 109/160 (68.1) | 2.01 (1.22-3.31) | **0.006** |
| **PHQ-2: depression symptoms** | | | | | |
|  | **Role** |  | | | |
| Resident | 17/165 (10.3) | 1 [Reference] | NA | 0.496 |
| Attending | 20/184 (10.9) | 0.65 (0.18-2.27) | 0.496 |
| **Sex** |  | | | |
| Men | 23/212 (10.8) | 1 [Reference] | NA | 0.945 |
| Women | 14/137 (10.2) | 1.03 (0.49-2.17) | 0.945 |
| **Age** |  | | | |
| 26-30 | 11/94 (11.7) | 1 [Reference] | NA | 0.110 |
| 31-35 | 7/114 (6.1) | 0.52 (0.17-1.58) | 0.251 |
| 36-40 | 7/44 (15.9) | 2.33 (0.50-10.87) | 0.280 |
| >40 | 12/97 (12.4) | 1.64 (0.37-7.40) | 0.517 |
| **Surge Status** |  | | | |
| Pre | 6/28 (21.4) | 1 [Reference] | NA | 0.055 |
| Surge | 18/205 (8.8) | 0.23 (0.07-0.71) | **0.011** |
| Post | 13/116 (11.2) | 0.27 (0.08-0.96) | **0.044** |
| **Cases** |  | | | |
| <20,000 | 18/189 (9.5) | 1 [Reference] | NA | 0.272 |
| > 20,000 | 19/160 (11.9) | 1.57 (0.70-3.49) | 0.272 |

Note: The multivariable logistic regression results are found in the “Overall” p value. The “Category” p value corresponds to the p value for each category compared to the reference.