**Supplemental Table 2.** Association between burnout and resident demographics

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Factor | | Maslach Burnout Index domains | | | | | | | | | | | |
| Emotional exhaustion | | | | Depersonalization | | | | Personal accomplishment | | | |
| Low | Moderate | High | p value | Low | Moderate | High | p value | Low | Moderate | High | p value |
| Residency training year | PGY 1  PGY 2  PGY 3  PGY 4  PGY 5 | 44 (30)  34 (27)  53 (42)  55 (44)  68 (52) | 46 (31)  32 (26)  36 (29)  35 (28)  25 (19) | 59 (40)  59 (47)  37 (29)  35 (28)  38 (29) | < 0.001 | 36 (24)  36 (29)  43 (34)  41 (33)  58 (44) | 30 (20)  25 (20)  24 (19)  36 (29)  28 (21) | 83 (56)  64 (51)  59 (47)  48 (38)  45 (34) | 0.004 | 32 (21)  25 (20)  27 (21)  25 (20)  25 (19) | 38 (26)  27 (22)  23 (18)  32 (26)  23 (18) | 79 (53)  73 (58)  76 (60)  68 (54)  83 (63) | 0.698 |
| Geographic region | Northeast  Southeast  Central  Southwest  Northwest | 53 (37)  92 (38)  60 (37)  40 (47)  7 (30) | 31 (22)  71 (30)  46 (28)  19 (22)  7 (30) | 59 (41)  77 (32)  57 (35)  26 (31)  9 (39) | 0.439 | 45 (31)  74 (31)  56 (34)  31 (36)  6 (26) | 29 (20)  56 (23)  31 (19)  21 (25)  6 (26) | 69 (48)  110 (46)  76 (47)  33 (39)  11 (48) | 0.877 | 32 (22)  45 (19)  33 (20)  18 (21)  5 (22) | 30 (21)  41 (17)  47 (29)  19 (22)  6 (26) | 81 (57)  154 (64)  83 (51)  48 (56)  12 (52) | 0.250 |
| Gender | Men  Women  Other | 219 (40)  34 (34)  1 (33) | 147 (27)  26 (26)  1 (33) | 185 (34)  41 (41)  1 (33) | 0.711 | 183 (33)  30 (30)  1 (33) | 121 (22)  22 (22)  0 | 247 (45)  49 (49)  2 (67) | 0.821 | 110 (20)  24 (24)  0 | 115 (21)  26 (26)  1 (33) | 326 (59)  51 (51)  2 (67) | 0.479 |
| Race | Asian  Black  White  Hispanic  Native American  Pacific Islander  Other  Prefer not to answer | 32 (46)  10 (44)  189 (38)  8 (67)  0  0  9 (50)  6 (19) | 15 (22)  6 (26)  139 (28)  1 (8)  1 (50)  1 (100)  4 (22)  7 (23) | 22 (32)  7 (30)  171 (34)  3 (25)  1 (50)  0  5 (28)  19 (59) | 0.102 | 21 (30)  11 (48)  162 (32)  6 (50)  0  0  8 (44)  6 (19) | 18 (26)  5 (22)  105 (21)  3 (25)  1 (50)  1 (100)  2 (11)  8 (25) | 30 (43)  7 (30)  232 (46)  3 (25)  1 (50)  0  8 (44)  18 (56) | 0.340 | 17 (25)  3 (13)  97 (19)  1 (8)  2 (100)  0  3 ( 17)  11 (34) | 17 (25)  5 (22)  106 (21)  5 (42)  0  0  3 (17)  7 (22) | 35 (51)  15 (65)  296 (59)  6 (50)  0  1 (100)  12 (67)  14 (44) | 0.157 |
| Age (years) | 18-24  25-34  35-44  45 and older | 1 (50)  235 (39)  18 (41)  0 | 0  164 (27)  10 (23)  0 | 1 (50)  210 (35)  16 (36)  1 (100) | 0.811 | 0  194 (32)  20 (45)  0 | 0  134 (22)  9 (20)  0 | 2 (100)  281 (46)  15 (34)  1 (100) | 0.296 | 0  121 (20)  13 (30)  0 | 0  136 (22)  7 (16)  0 | 2 (100)  352 (58)  24 (55)  1 (100) | 0.552 |
| Marital status | Single  Married  Domestic partnership  Separated or divorced | 88 (37)  158 (40)  5 (23)  2 (40) | 62 (26)  102 (26)  9 (41)  1 (20) | 85 (36)  133 (34)  8 (36)  2 (40) | 0.689 | 74 (31)  132 (34)  6 (27)  2 (40) | 47 (20)  86 (22)  8 (36)  1 (20) | 114 (49)  175 (45)  8 (36)  2 (40) | 0.681 | 46 (20)  83 (21)  5 (23)  0 | 54 (23)  82 (21)  4 (18)  2 (40) | 135 (57)  228 (58)  13 (59)  3 (60) | 0.872 |
| Children | Yes  No | 74 (39)  180 (39) | 55 (29)  119 (26) | 61 (32)  167 (36) | 0.567 | 70 (37)  144 (31) | 43 (23)  100 (21) | 77 (41)  222 (48) | 0.218 | 43 (23)  91 (20) | 38 (20)  105 (23) | 109 (57)  270 (58) | 0.594 |
| Educational debt (USD) | None  < 50,000  50,000-99,000  100,000-149,000  150,000-199,000  > 200,000 | 53 (36)  21 (42)  22 (42)  28 (52)  20 (28)  110 (39) | 34 (23)  12 (24)  12 (23)  12 (22)  22 (31)  82 (29) | 61 (41)  17 (34)  19 (36)  14 (26)  29 (41)  88 (31) | 0.250 | 44 (30)  16 (32)  19 (35)  29 (54)  18 (25)  88 (31) | 37 (25)  11 (22)  11 (21)  8 (15)  13 (18)  63 (23) | 67 (45)  23 (46)  23 (43)  17 (31)  40 (56)  129 (46) | 0.105 | 34 (23)  2 (4)  13  (25) 7 (13)  19 (27)  59 (21) | 41 (28)  12 (24)  14 (26)  8 (15)  6 (8)  62 (22) | 73 (49)  36 (72)  26 (49)  39 (72)  46 ( 65)  159 (57) | 0.002 |
| Type of training hospital | University  Community  Private  Military | 197 (39)  30 (35)  10 (36)  17 (45) | 133 (26)  24 (28)  9 (32)  8 (21) | 175 (35)  31 (36)  9 (32)  13 (34) | 0.946 | 162 (32)  28 (33)  8 (29)  16 (42) | 110 (22)  18 (21)  7 (25)  8 (21) | 233 (46)  39 (46)  13 (46)  14 (37) | 0.913 | 97 (19)  21 (25)  7 (25)  9 (24) | 114 (23)  13 (15)  5 (18)  11 (29) | 294 (58)  51 (60)  16 (57)  18 (47) | 0.506 |