**TABLE 1. CHARACTERISTICS OF HIGH RESILIENT VS LOW RESILIENT INDIVIDUALS**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Overall Resilience Level N (%)**  | **Total (N%)** | ***p*-value** |
|  | **Low** | **High** |  |  |
|  | N=344 (60.4%) | N=226 (39.7%)  | N= 570 |  |
| **Demographics** |  |  |  |  |
| Gender |  |  |  | **0.010**\* |
| Male | 72(21.3) | 52 (23.0) | 124 (22.0) |  |
| Female | 243(71.9) | 173 (76.6) | 416 (73.8) |  |
| Residence of childhood |  |  |  | 0.398 |
| Urban | 41(12.2) | 29 (12.9) | 70 (12.5) |  |
| Suburban | 133 (39.6) | 78(34.7) | 211 (37.6) |  |
| Rural | 162(48.2) | 118 (52.4) | 280 (49.9) |  |
| **Other characteristics** |  |  |  |  |
| Family Structure |  |  |  | **0.011**\* |
| Two parents | 226 (65.7) | 169 (74.8) | 395(69.3) |  |
| One parent | 112 (32.6) | 57 (25.2) | 169 (29.7) |  |
| Employment  |  |  |  | 0.756 |
| Full Time | 125 (36.3) | 95 (42.0) | 220 (38.6) |  |
| Part Time | 118 (34.3) | 71 (31.4) | 189 (33.2) |  |
| None | 95 (27.6) | 60 (26.6) | 155 (27.2) |  |
| **Conventional ACEs Score** |  |  |  | **<0.001\*\*\*** |
| 0 | 65 (21.2) | 93 (41.9) | 158(29.9) |  |
| 1-3 | 145 (47.4) | 88(39.6) | 233(44.1) |  |
| ≥4 | 96 (31.4) | 41 (18.5) | 137 (26.0) |  |
| **Expanded ACEs** |  |  |  | 0.974 |
| 0 | 1 (0.3) | 1 (0.5) | 2(0.4) |  |
| 1-2 | 132 (43.1) | 96 (43.2) | 228 (43.2) |  |
| ≥3 | 173 (56.5) | 125 (56.3) | 298 (56.4) |  |
| **Health Measures** |  |  |  |  |
| General Health |  |  |  | **<0.001\*\*\*** |
|  Excellent/Very Good | 158(45.9) | 164 (72.6) | 322 (56.5) |  |
|  Good  | 118 (34.3) | 54 (23.9) | 172 (30.2) |  |
|  Fair/Poor  | 58 (16.9) | 8 (3.5) | 66 (11.6) |  |
| Physical Unhealthy Days  |  |  |  | **0.001\*\*** |
|  None | 219 (65.6) | 178 (78.8) | 397 (70.9) |  |
|  1/more days | 115 (34.4) | 48 (21.2) | 163 (29.1) |  |
| Mental Unhealthy Days  |  |  |  | **<0.001\*\*\*** |
|  None | 64 (19.3) | 105(46.9) | 169 (30.4) |  |
|  1/more days | 268 (80.7) | 119 (53.1) | 387 (69.6) |  |
| Painful Days |  |  |  | **0.034\*** |
|  None | 248 (73.8) | 183 (81.0) | 431 (76.7) |  |
|  1/more days | 88 (26.2) | 43(19.0) | 131 (23.3) |  |

Note: Boldface indicates statistical significance (\* *P* < 0.05, \*\* *P* < 0.01, \*\*\* *P* < 0.001)

**TABLE 2. BINARY ORDINAL LOGISTIC REGRESSION OF TOTAL ACE SCORES**

|  |  |  |
| --- | --- | --- |
|  | **Conventional ACEs Score** | **Expanded ACEs Score** |
|  | **OR (95% CI)** | ***p*-value** | **OR (95% CI)** | ***p*-value** |
| **Resilience** |  |  |  |  |
| Overall Resilience | 2.38 (1.71-3.31) |  **< 0.001\*\*\*** | 1.01(0.71-1.43) | 0.948 |
| Relationship Resilience | 2.02(1.46-2.82) |  **< 0.001\*\*\*** | 0.99 (0.70-1.41) | 0.975 |
| Internal Beliefs Resilience |  2.11 (1.53-2.92)\_ | **< 0.001\*\*\*** | 0.91(0.65-1.29) | 0.600 |
|  Initiative Resilience | 1.72 (1.23-2.40) | **< 0.001\*\*\*** | 1.04(0.73-1.48) | 0.850 |
| Self-Control Resilience | 2.47 (1.67-3.64) | **< 0.001\*\*\*** | 1.41 (0.94-2.12) | 0.095 |
| **Sociodemographic** |  |  |  |  |
| Gender | 1.67(1.14-2.45) | **0.01\*\*** | 0.54 (0.35-0.82) | **0.004\*\*** |
| Urban Residence | 1.26 (0.75-2.13) | 0.383 | 0.67 (0.38-1.18) | 0.164 |
| Suburban Residence | 0.61 (0.43-0.85) | **0.004\*\*** | 1.29 (0.89-1.87) | 0.179 |
| Family Structure | 0.17(0.12-0.25) | **< 0.001\*\*\*** | 1.34 (0.92-1.96)  | 0.129 |
| Employment | 1.17(0.79-1.73) | 0.437 | 1.33 (0.87-2.03) | 0.191 |
| **Health Measures** |  |  |  |  |
| General Health | 3.07 (2.19-4.29) | **< 0.001\*\*\*** | 1.50 (1.05-2.13) | **0.024\*** |
| Physical Unhealthy Days | 1.62 (1.14-2.30) | 0.01\*\* | 1.46(1.00-2.15) | 0.053 |
| Mental Unhealthy Days  | 2.62 (1.84-3.72) | **< 0.001\*\*\*** | 1.35 (0.93-1.95) | 0.115 |
| Painful Days | 2.25 (1.53-3.31) | **< 0.001\*\*\*** | 1.41 (0.92-2.14) | 0.112 |

Note: Boldface indicates statistical significance (\* *P* < 0.05, \*\* *P* < 0.01, \*\*\* *P* < 0.001)

**TABLE 3. MULTIVARIATE REGRESSION ANALYSES BASED ON TOTAL CONVENTIONAL ACE SCORES**

|  |  |
| --- | --- |
|  | **Conventional ACEs Score** |
|  | **Adjusted OR (95% CI)a** | ***p*-value** |
| **Resilience** |  |  |
| Overall Resilience  | 1.73 (1.20-2.50) |  **< 0.003\*\*\*** |
| **Sociodemographic** |  |  |
| Gender  | 1.50(1.01-2.25) | **0.047**\* |
| Urban Residence  | 1.32 (0.75-2.31) | 0.337 |
| Suburban Residence  | 0.56 (0.39-0.81) | **0.002\*\*** |
| Family Structure | 0.16(0.11-0.24) | **< 0.001\*\*\*** |
| **Health Measures** |  |  |
| General Health ( 1st response function) | 1.62(1.02-2.56) | **0.041**\* |
| General Health (2nd response function) | 3.35 (2.06-5.44) | **< 0.001\*\*\*** |
| Mental Unhealthy Days  | 1.76 (1.18-2.62) | **0.005\*\*** |
| Painful Days  | 1.76 (1.15-2.69) |  **0.010\*** |

Note: Boldface indicates statistical significance (\* *P* < 0.05, \*\* *P* < 0.01, \*\*\* *P* < 0.001)

**a** The multivariable model controlled for total resilience (low vs high), gender (female vs male), residence (reference: rural), family structure ( 2 vs 1 parent), general health (reference: not excellent/very good), mental unhealthy days (1 or more days vs none), painful days (1 or more days vs none).