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| **Supplemental Table 3.** Associations between neighborhood social cohesion and depressive symptoms stratified by age and gender among JHS participants |
|  | **Age < 55; Females (n=812)** | **Age ≥ 55; Females (n= 606)** | **Age < 55; Males (n=473)** | **Age ≥ 55; Males (n=318)** |
|   | **B (SE)** | **95% C.I.**  | **B (SE)** | **95% C.I.**  | **B (SE)** | **95% C.I.**  | **B (SE)** | **95% C.I.**  |
| **Intercept** | 18.92 (7.98)\* | 3.07, 34.76 | 16.07 (7.60)\* | 0.91, 31.22 | 24.14 (8.21)\*\* | 7.83, 40.46 | 13.42 (8.56) | -3.68, 30.52 |
| **Neighborhood Social Cohesion** | -1.16 (2.50) | -6.12, 3.80 | -1.97 (2.37) | -6.71, 2.76 | -4.30 (2.57) | -9.41, 0.80 | -1.43 (2.75) | -6.92, 4.06 |
| **Individual Characteristics** |  |  |  |  |  |  |  |  |
| High School Graduate |  |  |  |  |  |  |  |  |
|  No | Ref. |  | Ref. |  |
|  Yes | -3.50 (1.29)\* | -6.21, -0.79 | -2.25 (0.69)\*\* | -3.65, -0.85 | -0.56 (1.21) | -3.09, 1.97 | -1.75 (0.81)\* | -3.41, 0.09 |
| Income  |  |  |  |  |  |  |  |  |
|  ≥$50,000 | Ref. |  | Ref. |  |
|  <$50,000 | 1.45 (0.58)\* | 0.29, 2.61 | 2.35 (0.67)\*\*\* | 0.98, 3.72 | 1.97 (0.62)\*\* | 0.73, 3.21 | 2.07 (0.74)\*\* | 0.54, 3.59 |
|  Not reported | 1.57 (0.81) | -0.06, 3.21 | 1.19 (0.91) | -0.68, 3.06 | 0.69 (0.84) | -1.01, 2.38 | 0.64 (1.16) | 0.54, 3.60 |
| Health-Related Factors |  |  |  |  |  |  |  |  |
| Body Mass Index | 0.03 (0.03) | -0.03, 0.09 | 0.04 (0.04) | -0.04, 0.11 | -0.07 (0.04) | -0.16, 0.01 | -0.01 (0.06) | -0.13, 0.10 |
| Total Physical Activity  | -0.49 (0.14)\*\*\* | -0.76, -0.22 | -0.07 (0.14) | -0.35, 0.20 | -0.18 (0.14) | -0.46, 0.09 | 0.04 (0.16) | -0.27, 0.36 |
| Current smoker |  |  |  |  |  |  |  |  |
|  No | Ref. |  | Ref. |  |
|  Yes | 1.56 (0.86) | -0.18, 3.29 | 0.07 (0.89) | -1.74, 1.87 | 1.13 (0.76) | -0.40, 2.66 | -0.35 (1.07) | -2.59, 1.90 |
| Alcohol drinker |  |  |  |  |  |  |  |  |
|  No | Ref. |  | Ref. |  |
|  Yes | -0.58 (0.52) | -1.60, 0.45 | -0.42 (0.58) | -1.60, 0.75 | 1.22 (0.57)\* | 0.07, 2.37 | 0.22 (0.64) | -1.08, 1.53 |
| Disabled from walking |  |  |  |  |  |  |  |  |
|  No | Ref. |  | Ref. |  |
|  Yes | 4.22 (1.42)\*\* | 1.25, 7.19 | -0.25 (0.99) | -2.29, 1.80 | 2.61 (2.27) | -3.23, 8.45 | 1.22 (1.58) | -2.66, 5.09 |
| History of Medical Condition |  |  |  |  |  |  |  |  |
|  No | Ref. |  | Ref. |  |
|  Yes | 1.29 (0.57)\* | 0.16, 2.42 | 0.97 (0.53) | -0.10, 2.04 | 0.07 (0.70) | -1.34, 1.47 | 1.42 (0.64)\* | 0.10, 2.74 |
| **Psychosocial Factors** |  |  |  |  |  |  |  |  |
| Lifetime discrimination | -0.70 (0.32)\* | -1.33, -0.07 | -0.36 (0.35) | -1.05, 0.34 | -0.25 (0.35) | -0.93, 0.44 | -0.55 (0.39) | -1.31, 0.22 |
| Daily discrimination | 0.84 (0.30)\*\* | 0.26, 1.43 | 0.93 (0.32)\*\* | 0.31, 1.56 | 0.89 (0.31)\*\* | 0.30, 1.49 | 0.51 (0.37) | -0.22, 1.22 |
| Burden of lifetime discrimination | 1.19 (0.30)\*\*\* | 0.59, 1.78 | 0.75 (0.29)\* | 0.18, 1.33 | -0.06 (0.33) | -0.72, 0.60 | 0.62 (0.34) | -0.06, 1.29 |
| Chronic stress | 1.70 (0.29)\*\*\* | 1.13, 2.26 | 0.92 (0.30)\*\* | 0.32, 1.52 | 1.15 (0.32)\*\*\* | 0.52, 1.78 | 0.53 (0.40) | -0.27, 1.32 |
| Weekly stress | 3.42 (0.27)\*\*\* | 2.89, 3.95 | 2.37 (0.30)\*\*\* | 1.79, 2.96 | 2.11 (0.28)\*\*\* | 1.56, 2.65 | 3.35 (0.43)\*\*\* | 2.51, 4.18 |
| **Built Environment** |  |  |  |  |  |  |  |  |
| Population Density | -0.50 (0.58) | -1.64, 0.63 | 0.42 (0.60) | -0.76, 1.60 | 0.03 (0.67) | -1.28, 1.34 | 1.00 (0.70) | -0.39, 2.38 |
|  ***Note***: aNeighborhood social cohesion was based on unconditional empirical Bayes estimation adjusting for age and sex. bBased on scale sores which were standardized by computing z scores with mean zero and one standard deviation. cPopulation density (1000 people/km2) was measured around one mile from participant’s residence. P-values: \*p<0.05; \*\*p<0.01; \*\*\*p<0.001.  |