**Supplementary Table 1**. Mean Differences (SE) of subscales of physical activities associated with Measures of Discrimination among Women

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Predictors** | **Active living Index** | | **Home &Yard Index** | | **Simple Sport Score** | | **Sport Index** | | **Work Index** | |
| **Model 1** | **Model 2** | **Model 1** | **Model 2** | **Model 1** | **Model 2** | **Model 1** | **Model 2** | **Model 1** | **Model 2** |
| Everyday Discrimination | 0.016 (0.016) | 0.017 (0.015) | 0.001 (0.011) | -0.000 (0.011) | -0.028 (0.024) | -0.025 (0.024) | -0.018 (0.016) | -0.016 (0.015) | **0.049 (0.016) \*\*** | **0.045 (0.014)\*\*** |
|  |  |  |  |  |  |  |  |  |  |  |
| Lifetime Discrimination | **0.086 (0.015) \*\*\*** | **0.057 (0.015) \*\*\*** | 0.009 (0.011) | 0.015 (0.011) | **0.086 (0.023)\*\*\*** | 0.031 (0.024) | **0.059 (0.015)\*\*\*** | 0.020 (0.015) | **-0.038 (0.016)\*** | 0.01(0.015) |
|  |  |  |  |  |  |  |  |  |  |  |
| Burden of Discrimination | **0.040 (0.016) \*** | **0.035 (0.016)\*** | 0.001 (0.011) | 0.001 (0.011) | -0.001 (0.024) | -0.011 (0.024) | -0.002 (0.016) | -0.010 (0.015) | **0.038 (0.017) \*** | **0.044 (0.015)\*\*** |

Abbreviations: SE, standard error

**\*\***Burden of discrimination is restricted to persons who reported at least 1 instance of lifetime discrimination.

**P-value: \*\*\* <0.001; \*\* <0.01; \* <0.05**

**Supplementary Table 2.** P-values for the interaction between discrimination and coping responses among women and men

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Predictors**† | **Women (N=2116)** | | | | **Men (N=1218)** | | | |
| **Current**  **Smoker** | **Physical**  **Activity‡** | **Fat** | **Sleep** | **Current**  **Smoker** | **Physical**  **Activity‡** | **Fat** | **Sleep** |
|  |  |  |  |  |  |  |  |  |
| **Everyday Discrim\*Everyday Coping** |  |  |  |  |  |  |  |  |
| Emotion focused coping | 0.5712 | 0.6637 | 0.5406 | 0.9308 | 0.9227 | 0.5016 | 0.1175 | 0.7361 |
| Problem focused coping | 0.7335 | 0.9107 | 0.4079 | 0.8659 | 0.8923 | 0.5051 | 0.1987 | 0.9028 |
|  |  |  |  |  |  |  |  |  |
| **Lifetime Discrim\*Lifetime Coping** |  |  |  |  |  |  |  |  |
| Emotion focused coping | 0.5903 | **0.0281** | 0.9300 | 0.1636 | 0.1956 | 0.3067 | 0.5079 | 0.3307 |
| Problem focused coping | 0.8936 | 0.3404 | 0.3433 | 0.2748 | 0.4852 | 0.3417 | 0.4147 | 0.8174 |
|  |  |  |  |  |  |  |  |  |
| **Burden Discrim\*Lifetime Coping** |  |  |  |  |  |  |  |  |
| Emotion focused coping | 0.5459 | 0.0798 | 0.8950 | 0.0925 | 0.2261 | 0.4694 | 0.2860 | 0.9118 |
| Problem focused coping | 0.8090 | 0.4218 | 0.3850 | 0.2119 | 0.7559 | 0.3460 | 0.4386 | 0.9500 |

P-values were adjusted for age, socioeconomic status, coping responses, discrimination and interaction term between discrimination and coping responses**.**

**‡**Models for the Physical Activity outcome were adjusted for BMI

†Everyday, lifetime discrimination, and burden of discrimination variables were based on standard deviation units. Sample sizes for everyday and lifetime discrimination variables were 3334, and 3766 for burden of discrimination. Burden of discrimination is restricted to persons who reported at least 1 instance of lifetime discrimination.

**\*\***Emotion-focused coping included accepting, ignoring or keeping things to yourself, avoiding or forgetting the situation. Problem-focused coping included speaking up and trying to change the situation.