**Supplemental Table 2.** Activity comparisons between the ActiGraph 7164 and calibrated wGT3X-BT, by BMI Category, the CARDIA Study, 2015-2016

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ActiGraph Measures** | **7164 and wGT3X-BT Difference** | | | **p-valuea** |
|  | **Normal Weight**  **(N=29)** | **Overweight**  **(N=36)** | **Obese**  **(N=22)** |  |
| Total wear time | 1.8 (22.8) | 0.0 (24.8) | 0.1 (35.3) | 0.505 |
| Total accelerometer counts/day | -2972.8 (26,542.8) | -441.5 (33,115.4) | -8832.8 (50,613.9) | 0.921 |
| Average counts/min/day | -5.3 (28.8) | -0.8 (36.9) | 3.9 (39.4) | 0.533 |
| Sedentary, min/day | 5.8 (23.9) | 5.2 (26.4) | -2.4 (43.3) | 0.324 |
| LPA, min/day | -3.3 (26.3) | -5.4 (16.5) | -11.8 (37.2) | 0.468 |
| MPA, min/day | 2.3 (4.4) | 0.4 (6.5) | 1.2 (7.5) | 0.299 |
| VPA, min/day | 0.0 (0.3) | 0.1 (0.4) | 0.0 (0.4) | 0.945 |
| MVPA, min/day | 2.7 (5.5) | 0.8 (6.1) | 2.3 (7.4) | 0.403 |

Abbreviations: LPA = light-intensity physical activity, MPA = moderate-intensity physical activity, VPA = vigorous-intensity physical activity, MVPA = moderate-to-vigorous-intensity physical activity. Data presented as Median (interquartile range).

aP-value testing the difference between race sex group for the 7164 and wGT3X-BT difference using the Kruskal Wallis test.