**Supplemental Table 1.** Activity comparisons between the ActiGraph 7164 and calibrated wGT3X-BT, by race and sex group, the CARDIA Study, 2015-2016

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| --- | --- | --- | --- | --- | --- |
| **ActiGraph Measures** | **7164 and wGT3X-BT Difference** | | | | **p-valuea** |
|  | **Black Men**  **(N=18)** | **White Men**  **(N=23)** | **Black Women**  **(N=22)** | **White Women**  **(N=24)** |  |
| Total wear time | 3.5 (30.3) | -0.4 (35.5) | 0.6 (10.8) | 0.2 (26.4) | 0.677 |
| Total accelerometer counts/day | -697.3 (39,144.0) | -9,268.6 (31,036.2) | 5487.5 (35,417.0) | -4990.1 (26,886.3) | 0.475 |
| Average counts/min/day | 7.7 (32.9) | -5.8 (28.6) | 6.4 (42.3) | -2.0 (35.4) | 0.513 |
| Sedentary, min/day | 0.9 (29.8) | 9.7 (36.1) | 5.6 (39.7) | 4.8 (21.8) | 0.566 |
| LPA, min/day | -3.1 (33.3) | -11.6 (16.1) | -3.9 (36.4) | -4.9 (21.5) | 0.134 |
| MPA, min/day | 1.1 (7.3) | 0.4 (6.7) | 3.0 (7.3) | 1.7 (4.4) | 0.599 |
| VPA, min/day | 0.3 (0.4) | 0.1 (0.4) | 0.3 (0.5) | 0.0 (0.2) | 0.081 |
| MVPA, min/day | 1.1 (7.1) | 0.9 (7.2) | 3.3 (7.2) | 1.7 (4.3) | 0.664 |

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.