**Table, Supplemental Digital Content 2. Intraclass correlation coefficients (ICC) for doubly-labeled water (DLW) and accelerometer variables.**

|  |  |  |
| --- | --- | --- |
|  | **WOMEN** | **MEN** |
|  | **ICC** | **95% CI** | **ICC** | **95% CI** |
| DLW Measures |  |  |  |  |
| Total daily energy expenditure, kcal/kg/day | 0.73 | (0.64, 0.80) | 0.78 | (0.72, 0.84) |
| Physical activity energy expenditure, kcal/kg/day | 0.63 | (0.51, 0.72) | 0.73 | (0.65, 0.80) |
|  |  |  |  |  |
| Accelerometer Measures: Triaxial |  |  |  |  |
| Total activity counts per day | 0.75 | (0.72, 0.78) | 0.75 | (0.71, 0.78) |
| MVPA (Modified bouts of ≥ 10 min) | 0.67 | (0.62, 0.71) | 0.67 | (0.62, 0.72) |
| MVPA (Including every minute) | 0.75 | (0.71, 0.78) | 0.74 | (0.70, 0.78) |
| MVPA-1010/760 (Modified bouts of ≥ 10 min) | 0.69 | (0.65, 0.73) | 0.69 | (0.64, 0.73) |
| MVPA-1010/760 (Including every minute) | 0.73 | (0.69, 0.76) | 0.72 | (0.68, 0.76) |
| PAEE\*, kcal/kg/day | 0.75 | (0.71, 0.78) | 0.75 | (0.71, 0.78) |
| PAEE\* (constant), kcal/kg/day | 0.75 | (0.72, 0.78) | 0.76 | (0.72, 0.80) |
| Accelerometer Measures: Vertical Axis |  |  |  |  |
| Total activity counts per day | 0.77 | (0.74, 0.80) | 0.72 | (0.68, 0.76) |
| Steps per day | 0.75 | (0.71, 0.78) | 0.69 | (0.64, 0.73) |
| MVPA (Modified bouts of ≥ 10 min) | 0.69 | (0.65, 0.73) | 0.69 | (0.64, 0.73) |
| MVPA (Including every minute) | 0.74 | (0.70, 0.77) | 0.73 | (0.69, 0.77) |
| MVPA-1010/760 (Modified bouts of ≥ 10 min) | 0.63 | (0.58, 0.67) | 0.60 | (0.55, 0.66) |
| MVPA-1010/760 (Including every minute) | 0.75 | (0.72, 0.78) | 0.67 | (0.62, 0.72) |
| PAEE\*\*, kcal/kg/day | 0.75 | (0.72, 0.79) | 0.71 | (0.67, 0.75) |
| PAEE\*\* (constant), kcal/kg/day | 0.74 | (0.71, 0.78) | 0.72 | (0.68, 0.76) |

MVPA: Min/day of moderate-to-vigorous physical activity; MVPA-1010/760: Min/day of MVPA using thresholds of 1010 counts/min (triaxial) or Matthews’ cut point of 760 counts/min (vertical axis).

\*PAEE: physical activity energy expenditure (kcal/kg/day) from the Sasaki MET prediction equation using extrapolation to estimate METs for light-intensity activity; PAEE (constant): physical activity energy expenditure (kcal/kg/day) from the Sasaki MET prediction equation using a constant 2.0 METs for light-intensity activity.

\*\*PAEE: physical activity energy expenditure (kcal/kg/day) from the Freedson MET prediction equation using extrapolation to estimate METs for light-intensity activity; PAEE (constant): physical activity energy expenditure (kcal/kg/day) from the Freedson MET prediction equation using a constant 2.0 METs for light-intensity activity.