Supplemental Digital Content 1

TABLE S1. Bootstrap estimates of the association between physical activity and measurement-related factors (main model).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable |  | Coefficienta | Bias | SE | 95% CI |
| Intercept |  | 671.3 | -0.61 | 14.9 | (641.0, 698.7) |
| Measurement day | 1st day | Reference |  |  |  |
|  | 2nd day | -22.9 | -0.30 | 6.2 | (-34.9, -9.6)\* |
|  | 3rd day | -25.0 | -0.03 | 6.5 | (-37.5, -12.0)\* |
|  | 4th day | -45.1 | 0.33 | 6.4 | (-57.4, -31.1)\* |
|  | 5th day | -32.2 | 0.11 | 6.7 | (-45.4, -18.9)\* |
|  | 6th day | -42.6 | 0.36 | 6.7 | (-55.3, -28.5)\* |
|  | 7th day | -8.6 | 0.40 | 7.9 | (-22.6, 7.7) |
| Day of the week | Monday | Reference |  |  |  |
|  | Tuesday | 15.2 | 0.41 | 6.7 | (2.5, 29.1)\* |
|  | Wednesday | 20.5 | 0.21 | 6.9 | (7.0, 34.7)\* |
|  | Thursday | 27.8 | -0.16 | 6.6 | (13.3, 39.8)\* |
|  | Friday | 34.5 | 0.25 | 6.7 | (21.4, 48.0)\* |
|  | Saturday | -1.5 | 0.23 | 7.0 | (-15.4, 12.5) |
|  | Sunday | -7.1 | 0.67 | 7.1 | (-22.0, 6.2) |
| Start day | Monday | Reference |  |  |  |
|  | Tuesday | -21.8 | 0.35 | 10.0 | (-40.8, -2.8)\* |
|  | Wednesday | 10.6 | -0.26 | 10.6 | (-10.7, 31.7) |
|  | Thursday | -26.0 | -0.03 | 9.9 | (-46.0, -6.7)\* |
|  | Friday | -1.2 | -0.61 | 10.2 | (-21.4, 18.6) |
|  | Saturday | -28.7 | 0.12 | 10.3 | (-49.2, -8.1)\* |
|  | Sunday | -6.7 | -0.09 | 12.8 | (-31.9, 17.5) |

Bias = bias to non-bootstrapped coefficient. SE = Standard error of coefficient.

a adjusted for age, quadratic and cubic age, sex, parental education, ActiGraph device type, and season

\* significant (p < 0.05).