**Supplemental Digital Content 2:** Description and pairwise correlations for each of the physical behavior score components.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | Spearman Correlation Coefficient (R) | | | | | | | |
| Physical Behavior | **Median** | **(25th, 75th)** | **Range** | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** |
| A. Moderate exercise (MET-hr/wk) | 13.7 | (7.2, 28.8) | (0.0, 68.8) | 1 |  |  |  |  |  |  |  |
| B. Vigorous exercise (MET-hr/wk) | 0.00 | (0.0, 12.5) | (0.0, 50.0) | **0.15** | 1 |  |  |  |  |  |  |
| C. Light-intensity Household (MET-hr/wk) | 7.0 | (3.3, 21.3) | (0.0, 43.2) | **0.20** | **0.04** | 1 |  |  |  |  |  |
| D. Moderate-vigorous Household (MET-hr/wk) | 13.3 | (5.4, 28.8) | (0.0, 83.0) | **0.28** | **0.08** | **0.28** | 1 |  |  |  |  |
| E. Weight Training (MET-hr/wk) | 0.0 | (0.0, 0.0) | (0.0, 9.7) | **0.14** | **0.43** | **-0.01** | **0.03** | 1 |  |  |  |
| F. Sitting other than TV (hr/day) | 3.0 | (3.0, 5.0) | (0.0,12.0) | **0.03** | **0.02** | **0.06** | **-0.03** | **0.01** | 1 |  |  |
| G. Television sitting (hr/day) | 3.5 | (1.5, 3.5) | (0.0, 8.5) | **-0.05** | **-0.10** | 0.00 | **-0.06** | **-0.09** | **0.04** | 1 |  |
| H. Sleep (hr/day) | 7.5 | (5.5, 7.5) | (0.0, 10.5) | **0.01** | **0.01** | **-0.01** | 0.00 | **0.02** | **0.01** | **0.02** | 1 |
|  |  |  |  |  |  |  |  |  |  |  |  |

**Note:** Baseline characteristics of sample inthe NIH-AARP Diet and Health Study Cohort, 2004-2006. Physical activity variables are expressed as MET-hrs per week, which is the MET-value for each activity multiplied by the reported hours per week.Bolded correlation coefficients indicate statistical significance at P<0.05 Thresholds for Moderate intensity is ≥ 3 METs, Vigorous intensity is ≥ 6 METs.