

Table S1. Comparison of Intraclass Correlations for ≥ 1 days vs. ≥ 4 days/administration by Accelerometer Device, Interactive Diet and Activity Tracking in AARP, 2012-2013.

activPAL	n	Sitting	Standing	Stepping
Overall, unadjusted (≥ 1 days)	914	0.62 (0.57, 0.67)	0.64 (0.60, 0.69)	0.60 (0.55, 0.64)
Overall, adjusted (≥ 1 days) ¹	914	0.58 (0.53, 0.63)	0.62 (0.57, 0.67)	0.57 (0.51, 0.62)
Overall, unadjusted (≥ 4 days)	728	0.71 (0.65, 0.76)	0.72 (0.67, 0.77)	0.64 (0.58, 0.70)
Overall, adjusted (≥ 4 days) ¹	728	0.67 (0.61, 0.73)	0.71 (0.65, 0.75)	0.60 (0.54, 0.67)
ActiGraph		Sedentary	Light PA	MVPA
Overall, unadjusted (≥ 1 days)	914	0.60 (0.55, 0.65)	0.59 (0.54, 0.64)	0.59 (0.54, 0.64)
Overall, adjusted (≥ 1 days) ¹	914	0.56 (0.50, 0.61)	0.54 (0.49, 0.60)	0.58 (0.52, 0.63)
Overall, unadjusted (≥ 4 days)	728	0.66 (0.60, 0.72)	0.67 (0.62, 0.73)	0.57 (0.50, 0.64)
Overall, adjusted (≥ 4 days) ¹	728	0.62 (0.55, 0.68)	0.63 (0.56, 0.69)	0.55 (0.48, 0.62)

¹Adjusted for sex, age group (50-59 years, 60-69 years, ≥ 70 years), BMI (normal weight if BMI < 25.0, overweight if $25.0 \leq \text{BMI} < 30.0$, or obese if BMI ≥ 30.0), and month of first data collection (December-February, March-May, June-August, or September-November).