

Table S2
Reliability of data obtained with physical activity monitors

Participants N, age category	N measurements (time between visits)	Instrument	Parameters (Units)	Results	Statistic	Author
<i>Reliability between sessions</i>						
14 children, adolescents, and adults	2 (consecutive weeks)	ActiGraph	Total daily activity time (hr)	ICC=0.63, p<0.0001	ICC	Wells et al 2008 [A:11]
			Morning activity time (hr)	ICC=0.59, p=0.0001		
			Afternoon activity time (hr)	ICC=0.55, p=0.0003		
			Evening activity time (hr)	ICC=0.77, p<0.0001		
			Weekday daily activity time (hr)	ICC=0.74, p<0.0001		
			Weekend daily activity time (hr)	ICC=0.53, p<0.0001		
			Time spent inactive (hr)	ICC=0.81, p<0.0001		
			Time spent somewhat inactive (hr)	ICC=0.38, p=0.04		
			Time spent somewhat active (hr)	ICC=0.31, p=0.08		
		Time spent active (hr)	ICC=0.57, p=0.001			
19 adolescents and adults	2 (4-6 weeks apart)	ActiGraph	Time spent in each intensity category (min/day)	MPA: ICC=0.804, p<0.001	ICC	Ruf et al 2012 {A:9}
				VPA: ICC=0.578, p=0.004		
				MVPA: ICC=0.702, p<0.001		
				MPA: -46.8 to 56.6	Limits of Agreement	
				VPA: -28.4 to 32.9		
MVPA: -31.1 to 36.4						
35 children and adolescents	3 (T1:baseline T2:3mo T3:1yr)	Caltrac	Activity (counts/hr)	ICC=0.804, p<0.0001	ICC	Orenstein 1993 {A:17}
		LSI	Activity (counts/hr)	ICC=0.886, p<0.0001		
				Ill period p=0.24 well period p=0.55	One-way Repeated Measures ANOVA	

Abbreviations: ANOVA=analysis of variance; hr=hour; ICC=intra-class correlation coefficient; LSI=Large Scale Integrated Motor Activity Monitor; MPA=moderate physical activity; MVPA=moderate to vigorous physical activity; N=number; VPA=vigorous physical activity

Note: All references are listed in the online supplementary material reference list