Supplementary Table 2. Pearson correlation analysis between SGPALS PAL score and

		n	VM CPM	Steps per day	LPA (min·day^{-1})	MVPA (min·day^{-1})	Bouted MVPA (min·day^{-1})
Total		**4040**	0.32**	0.27**	0.22**	0.25**	0.16**
Sex							
	Women	**1983**	0.30**	0.27**	0.24**	0.21**	0.18**
	Men	**2057**	0.35**	0.29**	0.26**	0.27**	0.16**
Age (Years)							
	40-49	**732**	0.29**	0.26**	0.23**	0.23**	0.18**
	50-59	**928**	0.37**	0.34**	0.24**	0.30**	0.22**
	60-69	**1776**	0.31**	0.25**	0.23**	0.24**	0.14**
	70-79	**533**	0.28**	0.27**	0.20**	0.22**	0.13**
	>80	**71**	0.34**	0.18	0.18	0.20	0.14
BMI (kg/m^2)							
	<25	**1319**	0.33**	0.26**	0.17**	0.27**	0.17**
	25-29	**1801**	0.27**	0.25**	0.20**	0.21**	0.13**
	>30	**910**	0.32**	0.23**	0.26**	0.23**	0.12**
Educational level							
	Primary School	**919**	0.31**	0.27**	0.23**	0.25**	0.13**
	High School	**1133**	0.36**	0.30**	0.22**	0.29**	0.18**
	University <4 years	**832**	0.34**	0.30**	0.21**	0.30**	0.22**
	University >4 years	**1114**	0.30**	0.28**	0.20**	0.24**	0.20**

accelerometer measures.

SGPALS=Saltin-Grimby Physical Activity Level Scale, PAL=Physical Activity Level, BMI=Body Mass Index, VM CPM=Vector Magnitude Counts Per Minute, LPA=Light Physical Activity, MVPA=Moderate and Vigorous Physical Activity. *Significant correlation at p<0.001.

	n	VM CPM	Steps per day	Light PA	MVPA (min·day^{-1})	Bouted MVPA (min·day^{-1})
Total	**5902**	0.34**	0.43**	0.06**	0.39**	0.44**
Sex						
Women	**3173 (53.8%)**	0.35**	0.44**	0.06**	0.42**	0.46**
Men	**2728 (46.2%)**	0.33**	0.41**	0.06**	0.35**	0.43**
Age (years)						
40-49	**749 (12.7%)**	0.27**	0.36**	0.05	0.26**	0.40**
50-59	**977 (16.6%)**	0.36**	0.46**	0.05	0.40**	0.47**
60-69	**2467 (41.8%)**	0.32**	0.41**	0.05	0.37**	0.46**
70-79	**1454 (24.6%)**	0.34**	0.44**	0.11**	0.40**	0.40**
>80	**255 (4.3%)**	0.44**	0.53**	0.18**	0.53**	0.46**
Body Mass Index (kg/m^2)	**5879**					
<25	**1885 (32.1%)**	0.32**	0.40**	-0.01	0.37**	0.43**
25-29	**2664 (45.3%)**	0.30**	0.40**	0.02	0.34**	0.41**
>30	**1330 (22.6%)**	0.31**	0.38**	0.08**	0.36**	0.40**
Educational level	**5771**					
Primary School	**1665 (28.9%)**	0.34**	0.41**	0.09**	0.35**	0.42**
High School	**1627 (28.2%)**	0.28**	0.37**	0.05	0.33**	0.43**
University <4 years	**1097 (19.0%)**	0.37**	0.44**	0.10**	0.40**	0.44**
University >4 years	**1382 (23.9%)**	0.39**	0.31**	0.05	0.35**	0.39**

Supplementary Table 3. Pearson correlation analysis between the PAFID and accelerometry

measures.

PAFID=Physical Activity Frequency Intensity and Duration Questionnaire, VM CPM=vector magnitude counts

per minute, MVPA=moderate and vigorous physical activity, bouted MVPA=moderate and vigorous physical

activity accumulated in 10 minute bouts. *Significant Pearson correlation<0.05, **Significant Pearson

correlation<0.01

	Week	Weekend	Combined
Total	0.22**(n=5186)	0.15**(n=5088)	0.21**(n=4896)
Sex			
Women	0.23**(n=2675)	0.15**(n=2614)	0.22** (n=2495)
Men	0.21**(n=2511)	0.14**(n=2474)	0.20** (n=2401)
Age (years)			
40-49	0.33** (n=763)	0.16** (n=739)	0.28 (n=732)
50-59	0.29** (n=938)	0.20** (n=943)	0.29** (n=924)
60-69	0.20** (n=2230)	0.12** (n=2190)	0.17** (n=2123)
70-79	0.14** (n=1110)	0.15** (n=1075)	0.17** (n=987)
≥80	0.21** (n=170)	0.21* (n=141)	0.21* (n=130)
BMI (kg/m^2)			
<25	0.27** (n=1703)	0.21** (n=1689)	0.27** (n=1632)
25-29	0.19** (n=2338)	0.11** (n=2277)	0.17** (n=2195)
≥30	0.22** (n=1130)	0.13** (n=1108)	0.20** (n=1056)
Educational level			
Primary School	0.22** (n=1297)	0.13** (n=1223)	0.20** (n=1146)
High School	0.19** (n=1469)	0.16** (n=1456)	0.20** (n=1397)

University <4 years	0.26** (n=1039)	0.17** (n=1031)	0.24 (n=1007)
University ≥4 years	0.22** (n=1334)	0.14** (n=1334)	0.20** (n=1309)

Supplementary Table 4. Pearson correlation coefficient between accelerometry measured

hours in sedentary behaviour, and reported sitting during a typical weekday and weekend day,

separately and combined (mean of week and weekend) from the IPAQ.

IPAQ=International Physical Activity Questionnaire. **Significant Pearson correlation<0.01