

**Supplementary Table S1.** Boy's least-square mean estimates<sup>1</sup> for measures of accelerometer derived physical activity and sedentary time (min/day) across household income levels, by human development index (HDI): The International Study of Childhood Obesity, Lifestyle, and the Environment (ISCOLE).

ISCOLE Percentile of HDI	Accelerometer Measure	Level 1 (low)	Level 2	Level 3	Level 4 (high)	p for trend <sup>2</sup>
10 <sup>th</sup>	Sedentary time	480 (15)	494 (15)	488 (15)	503 (15)	0.031
	MVPA	79.5 (5.6)	74.9 (5.6)	72.8 (5.6)	62.6 (5.6)	<0.001
50 <sup>th</sup>	Sedentary time	497 (8)	500 (8)	500 (8)	505 (8)	0.117
	MVPA	62.6 (2.9)	73.7 (3.0)	71.4 (2.9)	70.2 (2.9)	0.002
90 <sup>th</sup>	Sedentary time	514 (12)	506 (12)	512 (12)	507 (12)	0.510
	MVPA	67.6 (4.5)	67.6 (4.4)	67.4 (4.4)	72.4 (4.4)	0.152

<sup>1</sup> Least-square mean estimates (standard error) of activity and sedentary measures at HDI levels corresponding to the 10<sup>th</sup>, 50<sup>th</sup>, and 90<sup>th</sup> percentiles of the ISCOLE country sample (HDI=0.52, HDI=0.72, and HDI=0.91, respectively).

<sup>2</sup> Test for linear trend (linear contrast) across the four income levels

MVPA: moderate-to-vigorous physical activity