

**TITLE**

The impact of body fat on three dimensional motion of the paediatric foot during walking

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Table 1. Mean, SD and range of age, anthropometric and spatiotemporal characteristics of sample population (n=55)

	Mean	SD	Range
Age (years)	9.55	1.18	7 - 11
Height (m)	1.40	0.08	1.19 – 1.59
Weight (kg)	37.69	10.67	22.3 – 68.6
BMI (kg/m <sup>2</sup> )	18.41	4.00	12.34 - 29.62
BMI Z-score	0.55	1.58	-2.87 - 3.54
BMI Centile (%)	59.99	36.08	0.21 - 99.98
Body fat mass (%)	23.78	9.33	9.46 – 42.06
Walking velocity (m·s <sup>-1</sup> )	1.33	0.19	0.95 – 1.81
Cadence (steps/min)	131.69	15.66	105.77 – 171.52
Stance Phase duration (%)	57.29	2.32	52.60 - 65.16
Total single support duration (%)	49.86	1.85	41.59 – 56.70
Step Width (mm)	81.59	28.18	29.47 – 156.38
Step length (m)	0.60	0.06	0.41 – 0.79