

Table 4 Baseline characteristics in subjects with high or low leptin levels with reference to baseline level of adiposity

	<i>Low leptin</i>	<i>High leptin</i>	P
<i>Plasma fasting insulin (pmol.L⁻¹)</i>			
Adult men	22±16	29±17	0.0005
Adult women	23±14	27±17	0.03
Boys	31±17	38±22	0.01
Girls	35±19	42±23	0.04
<i>HOMA_{IR}</i>			
Adult men	0.79±0.66	1.12±0.71	<0.0001
Adult women	0.82±0.58	0.96±0.67	0.03
Boys	1.1±0.68	1.4±0.92	0.01
Girls	1.23±0.69	1.5±0.91	0.06
<i>Energy intake (MJ.day⁻¹)</i>			
Adult men	13.2±3.8	13.4±4.8	0.84
Adult women	10.5±3.3	10.4±3.3	0.76
Boys	13.7±5.9	12.8±5.4	0.25
Girls	10.5±4.2	10.2±3.7	0.61
<i>Steps (10³.wk⁻¹)</i>			
Adult men	61.7±23.4	52.4±22.5	0.005
Adult women	50.0±18.7	50.3±19.8	0.91
Boys	64.2±31.8	63.7±25.1	0.89
Girls	54.7±21.4	51.6±18.9	0.30
<i>Leisure time physical activity (h.wk⁻¹)</i>			
Adult men	4.6±4.3	5.4±7.2	0.34
Adult women	3.2±3.6	3.5±5.0	0.58

Boys	8.2±6.8	5.9±4.5	0.003
Girls	4.8±4.1	3.2±2.7	0.002

Low and high leptin levels were determined by a median split of the residuals from a linear model estimating mean baseline level of leptin according to the SSK, WC and HC, BIA % fat, age and pubertal stage at baseline. The model included a nuclear family variable as a random effect.

Data shown as means ± SD

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