

Table 2 Pearson's correlation coefficients between plasma leptin and measurements at baseline

	<i>Adults</i>		<i>Children</i>	
	<i>Men</i>	<i>Women</i>	<i>Boys</i>	<i>Girls</i>
N	208	270	209	195
*BMI	0.66(<0.0001)	0.62 (<0.0001)	0.68 (<0.0001)	0.62 (<0.0001)
BIA Body Fat %	0.68 (<0.0001)	0.67 (<0.0001)	0.71 (<0.0001)	0.65 (<0.0001)
*SSK	0.70 (<0.0001)	0.68 (<0.0001)	0.80 (<0.0001)	0.69 (<0.0001)
†WC	0.64 (<0.0001)	0.58 (<0.0001)	0.62 (<0.0001)	0.49 (<0.0001)
†HC	0.49 (<0.0001)	0.60 (<0.0001)	0.53 (<0.0001)	0.46 (<0.0001)
WHR	0.39 (<0.0001)	0.03 (0.62)	0.13 (0.06)	-0.03 (0.67)
*Plasma fasting insulin	0.59 (<0.0001)	0.39 (<0.0001)	0.47 (<0.0001)	0.38 (<0.0001)
Plasma fasting glucose	0.35 (<0.0001)	0.03 (0.59)	0.08 (0.26)	0.21 (0.003)
*HOMA _{IR}	0.61 (<0.0001)	0.37 (<0.0001)	0.46 (<0.0001)	0.39 (<0.0001)
Energy intake	-0.14 (0.04)	-0.02 (0.77)	0.05 (0.50)	0.02 (0.80)
Alcohol intake	0.02 (0.80)	-0.02 (0.69)	-	-
Ambulatory activity	-0.19 (0.006)	-0.02 (0.81)	-0.05 (0.48)	-0.04 (0.62)
*Leisure time physical activity	-0.01 (0.89)	-0.04 (0.53)	-0.17 (0.01)	-0.20 (0.005)

Data shown as partial correlation coefficient (p value) adjusted for age, and pubertal stage in children.

*Logtransformed; †additional adjustment on height.

All models are also adjusted for a random effect nuclear family variable.