

Supplementary Material

Table S1. Characteristics of study participants after partition in tertiles according to IGF-1 concentrations.

Characteristics	IGF-1 tertiles (ng/mL)			<i>P</i>
	1.	2.	3.	
	≤ 169.3 N=42	172–229 N=43	230–541 N=43	
Height, cm (SD)	141 (8)	144 (8)	145 (9)	0.043
BMI, percentile (SD)	44 (31)	56 (32)	59 (30)	0.056
25(OH)D ng/mL (SD)	23.1 (4.0)	21.7 (4.3)	21.3 (4.4)	0.106
CTX, ng/mL, Me (Q1, Q3)	1.50 (1.06, 1.83)	1.50 (1.17, 2.26)	1.50 (1.05, 1.92)	0.126
P1NP, ng/mL, Me (Q1, Q3)	1225 (1116, 1358)	1357 (1240, 1511)	1497 (1303, 3012)	<0.001
BT index, Me (Q1, Q3)	0.08 (−0.53, 0.59)	0.15 (−0.76, 0.56)	0.52(−0.10, 1.71)	0.045

Abbreviations: N: number; IGF-1: insulin-like growth factor 1; SD : standard deviation; Me (Q1, Q3) : median (Quartile 1, quartile3); BMI: body mass index; 25(OH)D :25-hydroxyvitamin D; CTX : C-terminal telopeptide of type I collagen; P1NP: N-terminal propeptide of type I procollagen; BTindex: bone turnover index; p:statistical significance