

Table 1. Basic characteristics of participants

Characteristics	Mean \pm SD	Characteristics	Mean \pm SD
Age (years) (n=1494)	64.0 \pm 9.2	Vitamin D deficiency (n, %)	1338, 89.6%
Height (cm) (n=1494)	155.1 \pm 5.6	Vitamin D insufficiency (n, %)	146, 9.8%
Weight (kg) (n=1494)	62.8 \pm 9.8	β -CTX (ng/ml) (n=1494)	0.440 \pm 0.212
Body mass index (kg/m ²) (n=1494)	26.1 \pm 3.7	P1NP (ng/ml) (n=1494)	56.95 \pm 28.70
Serum 25-OHD ₃ (ng/ml) (n=1494)	13.2 \pm 5.4	BMD of L2-4 (g/cm ²) (n=1452)	0.966 \pm 0.198
Winter-Spring (Dec-May) (n=805)	12.8 \pm 5.2	BMD of FN (g/cm ²) (n=1451)	0.767 \pm 0.139
Summer (Jun-Aug) (n=689)	13.7 \pm 5.6	BMD of TH (g/cm ²) (n=985)	0.865 \pm 0.144

Vitamin D deficiency: 25-OHD₃ <20ng/ml; vitamin D insufficiency: 20ng/ml \leq 25-OHD₃ <30ng/ml.