Supplementary Table 1 Characteristics of Participants from Jintan Affiliated Hospital to Jiangsu University

Variables	Control	Osteopenia	Osteoporosis
Num. of subjects	82	94	115
Sex (female, n)	48	52	71
Age (years)	64.7 ± 12.1	68.1 ± 11.7	69.0 ± 12.5
Diabetes, n (%)	22 (26.8)	27 (28.7)	38 (33.0)
Hypertension, n (%)	35 (42.7)	44 (46.8)	53 (46.1)
BMI (kg/m^2)	22.5 ± 3.9	23.4 ± 4.4	24.3 ± 4.6
FBMD (g/cm^2)	0.79 ± 0.08	0.71 ± 0.07	0.62 ± 0.09
LBMD (g/cm^2)	1.02 ± 0.13	0.83 ± 0.12	0.74 ± 0.09

Data are mean ± standard deviation for continuous variables. BMI, body mass index; FBMD: femoral bone mineral density; LBMD: lumbar bone mineral density.

Supplementary Table 2 Characteristics of Participants from the First Affiliated Hospital of Soochow University

Variables	Control	Osteopenia	Osteoporosis
Num. of subjects	203	203	203
Sex (female, n)	119	123	125
Age (years)	65.3 ± 11.5	66.0 ± 12.5	68.5 ± 12.1
Diabetes, n (%)	43 (21.2)	77 (37.9)	82 (40.4)
Hypertension, n (%)	89 (43.8)	101 (49.8)	112 (55.2)
BMI (kg/m^2)	23.2 ± 3.3	24.7 ± 4.6	24.9 ± 4.9
FBMD (g/cm^2)	0.77 ± 0.09	0.70 ± 0.08	0.61 ± 0.09
LBMD (g/cm^2)	1.01 ± 0.11	0.81 ± 0.09	0.72 ± 0.08

Data are mean ± standard deviation for continuous variables. BMI, body mass index; FBMD: femoral bone mineral density; LBMD: lumbar bone mineral density.