

SUPPLEMENTAL MATERIAL

**Table S1. Cross-sectional Association of Continuous Femoral Neck BMD
with Baseline Characteristics of Study Cohort**

Characteristics	Femoral Neck BMD							
	Women (n=734)				Men (n=516)			
	n	Correlation coefficient	mean \pm SD	p value	n	Correlation coefficient	mean \pm SD	p value
Age, years	734	-0.29		<0.001	516	-0.20		<0.001
Body mass index, kg/m ²	734	0.47		<0.001	516	0.31		<0.001
Waist circumference, cm	731	0.41		<0.001	516	0.19		<0.001
Systolic blood pressure, mmHg	734	0.02		0.632	516	0.02		0.661
Anti-hypertensive medication								
No	367		0.63 \pm 0.12	<0.001	252		0.79 \pm 0.14	0.749
Yes	367		0.66 \pm 0.13		264		0.78 \pm 0.15	
Diabetes								
No	646		0.64 \pm 0.12	<0.001	426		0.77 \pm 0.14	0.006

Yes	88		0.72 ± 0.14		90		0.82 ± 0.16	
Smoker								
Never Smoker	367		0.64 ± 0.12	0.269	136		0.78 ± 0.15	0.732
Former Smoker	300		0.66 ± 0.13		339		0.78 ± 0.14	
Current Smoker	67		0.64 ± 0.11		41		0.79 ± 0.13	
Alcohol, drinks/week	734	0.02		0.638	516	0.12		0.015
Physical Activity (kcal/week)*	734	0.004		0.921	516	0.07		0.105
Low-density lipoprotein (LDL), mg/dl	726	-0.01		0.769	509	0.02		0.642
High-density lipoprotein (HDL), mg/dl	733	-0.03		0.494	516	0.01		0.836
Triglycerides, mg/dl	734	0.07		0.062	516	0.05		0.238
Lipid-lowering medication								
No	651		0.65 ± 0.12	0.765	476		0.78 ± 0.15	0.587

Yes	83		0.64 ± 0.12		40		0.77 ± 0.16	
Aspirin								
No	454		0.65 ± 0.12	0.465	302		0.79 ± 0.14	0.588
Yes	277		0.64 ± 0.12		212		0.78 ± 0.15	
Digitalis								
No	691		0.65 ± 0.12	0.838	469		0.78 ± 0.14	0.266
Yes	43		0.65 ± 0.15		47		0.81 ± 0.17	
Estrogen Use								
None	597		0.64 ± 0.13	0.087				
Yes	137		0.66 ± 0.12					
Prevalent coronary heart disease								
No	623		0.65 ± 0.12	0.936	371		0.78 ± 0.14	0.624
Yes	111		0.65 ± 0.13		145		0.78 ± 0.15	

Prevalent stroke/transient ischemic attack								
No	707		0.65 ± 0.12	0.897	469		0.79 ± 0.14	0.194
Yes	27		0.64 ± 0.11		47		0.76 ± 0.16	
Prevalent peripheral arterial disease								
No	109		0.65 ± 0.14	0.896	95		0.76 ± 0.17	0.540
Yes	625		0.65 ± 0.12		421		0.79 ± 0.14	
Prevalent atrial fibrillation								
No	696		0.65 ± 0.12	0.015	478		0.78 ± 0.15	0.475
Yes	38		0.60 ± 0.13		38		0.80 ± 0.14	
Creatinine, mg/dl	725	0.07		0.065	512	0.004		0.923
Estimated glomerular filtration rate (eGFR,	734	0.05		0.143	516	0.07		0.112

cystatin-based), ml/min/1.73 m ²								
Forced expiratory volume in 1 second, l	734	0.10		0.010	516	0.07		0.125
C-reactive protein, mg/l	734	0.13		<0.001	516	0.05		0.272

*The logarithm of physical activity + 1 was used to compute the correlation

BMD: bone mineral density