

Supplementary Table 4. The multivariable Cox models for CAC progression

Variable	Adjusted HR (95% CI) ^a	P value
Model 1		
FRS	1.13 (1.08–1.17)	<0.001
BMI \geq 25 kg/m ²	1.42 (1.08–1.85)	0.011
Model 2		
FRS	1.13 (1.08–1.18)	<0.001
BMI \geq 25 kg/m ²	1.49 (1.08–2.04)	0.015
WC \geq 90 cm (male) or 85 cm (female)	1.02 (0.97–1.26)	0.062
Model 3		
FRS	1.11 (1.06–1.16)	<0.001
BMI \geq 25 kg/m ²	1.49 (1.09–2.06)	0.013
WC \geq 90 cm (male) or 85 cm (female)	1.01 (0.96–1.25)	0.055
VAT/SAT ratio \geq 1.30	3.25 (2.20–4.81)	<0.001

CAC, coronary artery calcification; HR, hazard ratio; CI, confidence interval; FRS, Framingham risk score; BMI, body mass index; WC, waist circumference; VAT, visceral adipose tissue; SAT, subcutaneous adipose tissue.

^aMultivariable analysis was performed by adjusting for FRS, a history of diabetes mellitus, and high-sensitivity C-reactive protein $>$ 2.0 mg/L.