

**Table S2.** Multivariable-adjusted association between echocardiographic indexes and CAC score.

CAC group	LV mass index (g/m <sup>2</sup> )		RWT		LAV/SV	
	Effect size ± SE	P value	Effect size ± SE	P value	Effect size ± SE	P value
CAC = 0 (n=1251)	<i>reference</i>		<i>reference</i>		<i>reference</i>	
CAC >0 and ≤17.5 (n=277)	2.27±1.03	0.028	0.0055±0.0050	0.26	-0.003±0.011	0.78
CAC >17.5 and ≤176 (n=277)	2.08±1.14	0.068	0.011±0.0053	0.032	-0.016±0.012	0.17
CAC >176 (n=277)	7.48±1.30	<0.0001	0.014±0.0061	0.020	-0.023±0.03	0.087

CAC group	Aortic root size (cm)		Aortic sinus diameter (cm)	
	Effect size ± SE	P value	Effect size ± SE	P value
CAC = 0 (n=1251)	<i>reference</i>		<i>reference</i>	
CAC >0 and ≤17.5 (n=277)	0.020±0.020	0.32	0.022±0.022	0.31
CAC >17.5 and ≤176 (n=277)	0.0093±0.022	0.69	0.011±0.024	0.63
CAC >176 (n=277)	0.061±0.026	0.017	0.036±0.027	0.19

Individuals with CAC > 0 were classified based on CAC tertile limits. Effect sizes were adjusted for clinical correlates identified in the stepwise linear regression. CAC, coronary artery calcium; LAV/SV, left atrial volume/stroke volume; LV, left ventricular; RWT, relative wall thickness; SE, standard error.