

Table S9. Multivariable-adjusted risk for LV diastolic dysfunction (American Society of Echocardiography recommendations) by CAC score (0, 0-100, 100-300, and ≥ 300).

CAC group	LV diastolic dysfunction (ASE)			
	Grade I, II or III (n=252)		Grade II or III (n=59)	
	Odds ratio (5-95%CI)	P value	Odds ratio (5-95%CI)	P value
<i>Unadjusted model</i>				
CAC = 0 (n=1251)	<i>reference</i>		<i>reference</i>	
CAC >0 and <100 (n=472)	3.03 (2.13 to 4.31)	<0.001	3.16 (1.45 to 6.87)	0.004
CAC ≥ 100 and <300 (n=199)	5.61 (3.63 to 8.67)	<0.001	6.88 (2.92 to 16.2)	<0.001
CAC ≥ 300 (n=160)	10.5 (7.22 to 15.3)	<0.001	13.5 (6.6 to 27.6)	<0.001
<i>Age- and sex-adjusted model</i>				
CAC = 0 (n=1251)	<i>reference</i>		<i>reference</i>	
CAC >0 and <100 (n=472)	1.97 (1.34 to 2.87)	<0.001	1.81 (0.78 to 4.19)	0.17
CAC ≥ 100 and <300 (n=199)	2.79 (1.72 to 4.53)	<0.001	2.65 (1.01 to 6.98)	0.048
CAC ≥ 300 (n=160)	4.44 (2.80 to 7.04)	<0.001	3.87 (1.58 to 9.50)	0.003
<i>Fully adjusted model</i>				
CAC = 0 (n=1251)	<i>reference</i>		<i>reference</i>	
CAC >0 and <100 (n=472)	1.46 (0.94 to 2.28)	0.095	1.55 (0.65 to 3.70)	0.32
CAC ≥ 100 and <300 (n=199)	1.84 (1.00 to 3.37)	0.048	2.04 (0.74 to 5.67)	0.17

CAC \geq 300 (n=160)

1.91 (1.04 to 3.51)

0.037

2.23 (0.86 to 5.80)

0.10

ASE, American Society of Echocardiography; LV, left ventricular.