Table S11. Multivariable-adjusted risk for LV diastolic dysfunction (Project Baseline Health Study definition) by CAC score (0 and tertiles) among age groups. In individuals below 50 years of age, 105 (10.4%) and 31 (3.1%) presented with LVDD grade I and II, respectively. In individuals over 50 years of age, 128 (11.9%) and 290 (27.1%) presented with LVDD grade I and II, respectively.

	LV diastolic dysfunction (PBHS)			
	Grade II		Grade I and II	
CAC group	Odds ratio (5-95%CI)	P value	Odds ratio (5-95%CI)	P value
Age <50 years (n=1010)				
Unadjusted model				
CAC = 0 (n=842)	*reference*		*reference*	
CAC >0 and ≤2.17 (n=56)	2.33 (0.67 to 8.08)	0.18	2.30 (1.19 to 4.42)	0.013
CAC >2.17 and ≤14.1 (n=56)	3.16 (1.04 to 9.59)	0.042	2.07 (1.06 to 4.05)	0.034
CAC >14.1 (n=56)	3.16 (1.04 to 9.59)	0.042	2.30 (1.19 to 4.42)	0.013
Fully-adjusted model				
CAC = 0 (n=842)	*reference*		*reference*	
CAC >0 and ≤2.17 (n=56)	3.02 (0.74 to 12.4)	0.13	1.50 (0.72 to 3.12)	0.28
CAC >2.17 and ≤14.1 (n=56)	1.62 (0.44 to 5.95)	0.47	1.03 (0.47 to 2.23)	0.95
CAC >14.1 (n=56)	0.66 (0.16 to 2.76)	0.57	0.97 (0.44 to 2.12)	0.92
Age ≥50 years (n=1072)				
Unadjusted model				
CAC = 0 (n=409)	*reference*		*reference*	

CAC >0 and ≤39.9 (n=221)	2.35 (1.59 to 3.47)	<0.001	2.21 (1.56 to 3.13)	<0.001
CAC >39.9 and ≤249 (n=221)	1.80 (1.20 to 2.69)	0.004	1.70 (1.19 to 2.41)	0.003
CAC >249 (n=221)	4.45 (3.06 to 6.48)	<0.001	4.88 (3.43 to 6.93)	<0.001
Fully-adjusted model				
CAC = 0 (n=409)	*reference*		*reference*	
CAC >0 and ≤39.9 (n=221)	2.38 (1.55 to 3.68)	<0.001	2.06 (1.40 to 3.03)	<0.001
CAC >39.9 and ≤249 (n=221)	1.63 (1.03 to 2.58)	0.036	1.46 (0.97 to 2.18)	0.068
CAC >249 (n=221)	3.71 (2.33 to 5.92)	<0.001	3.69 (2.39 to 5.69)	<0.001

Individuals with CAC >0 were classified based on CAC tertile limits. The fully adjusted model included clinical correlates identified in a stepwise logistic regression, including age and age². CAC, coronary artery calcium; LV, left ventricular; PBHS, Project Baseline Health Study.