**Table S6**. Multivariable-adjusted risk for LV diastolic dysfunction (Project Baseline Health Study criteria) by CAC score (0, 0-100, 100-300, and ≥300).

| | LV diastolic dysfunction (BHS) | | | |
|---|---|---|---|---|
| | Grade II (n=321) | | Grade I and II (n=554) | |
| **CAC group** | **Odds ratio (5-95% CI)** | ***P* value** | **Odds ratio (5-95%CI)** | ***P* value** |
| ***Unadjusted model*** | | | | |
| CAC = 0 (n=1251) | *reference* | | *reference* | |
| CAC >0 and <100 (n=472) | 3.92 (2.88 to 5.35) | <0.001 | 2.87 (2.25 to 3.65) | <0.001 |
| CAC ≥100 and <300 (n=199) | 5.31 (3.61 to 7.81) | <0.001 | 3.70 (2.67 to 5.12) | <0.001 |
| CAC ≥300 (n=160) | 11.8 (8.09 to 17.1) | <0.001 | 8.52 (6.03 to 12.0) | <0.001 |
| ***Age- and sex-adjusted model*** | | | | |
| CAC = 0 (n=1251) | *reference* | | *reference* | |
| CAC >0 and <100 (n=472) | 2.28 (1.62 to 3.22) | <0.001 | 2.01 (1.55 to 2.63) | <0.001 |
| CAC ≥100 and <300 (n=199) | 2.08 (1.34 to 3.24) | 0.002 | 1.87 (1.29 to 2.72) | 0.001 |
| CAC ≥300 (n=160) | 4.37 (2.77 to 6.91) | <0.001 | 3.73 (2.48 to 5.62) | <0.001 |
| ***Fully adjusted model*** | | | | |
| CAC = 0 (n=1251) | *reference* | | *reference* | |
| CAC >0 and <100 (n=472) | 1.79 (1.24 to 2.59) | 0.002 | 1.52 (1.14 to 2.02) | 0.004 |
| CAC ≥100 and <300 (n=199) | 1.30 (0.80 to 2.10) | 0.29 | 1.13 (0.75 to 1.70) | 0.57 |
| CAC ≥300 (n=160) | 2.38 (1.44 to 3.93) | 0.001 | 2.06 (1.31 to 3.26) | 0.002 |

The fully adjusted model included clinical correlates identified in stepwise logistic regression. CAC, coronary artery calcium; LV, left ventricular.