

SUPPLEMENTAL MATERIAL

Figure S1. Skewed distribution of CAC scores in the Project Baseline Health Study cohort with a maximal value of 8381.

Figure S2. Age-specific percentiles of diastolic function indexes from 560 healthy references. The red line represents low-risk reference cut-offs for reference limits.

Table S1. Multivariable-adjusted association between LV diastolic function indexes and CAC score (0, 0-100, 100-300, and ≥ 300).

Table S2. Multivariable-adjusted association between echocardiographic indexes and CAC score (0 and tertiles).

Table S3. Prevalence of LV diastolic dysfunction in the Project Baseline Health Study as defined by low-risk reference limits.

Table S4. General characteristics of the study population by LV diastolic function status.

Table S5. Multivariable-adjusted risk for LV diastolic dysfunction (Project Baseline Health Study criteria) by CAC score (0 and tertiles).

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

Table S7. Classification of LV diastolic dysfunction according to Project Baseline Health Study criteria and American Society of Echocardiography recommendations on diastolic dysfunction.

Table S8. Multivariable-adjusted risk for LV diastolic dysfunction (American Society of Echocardiography recommendations) by CAC score (0 and tertiles).

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

Table S10. Multivariable-adjusted association between LV diastolic function indexes and CAC score (0 and tertiles).

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.