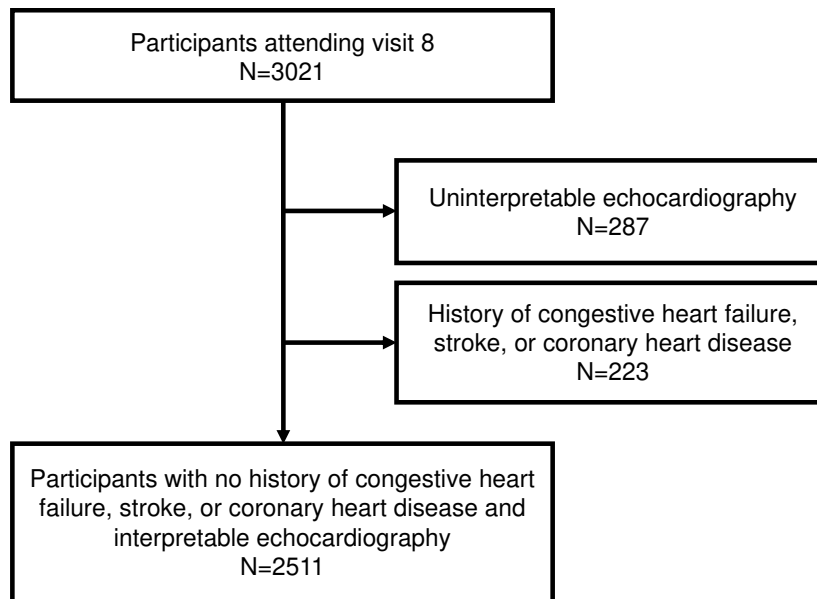


**Cardiac Microstructural Alterations Measured by Echocardiography Identify Sex-Specific
Risk for Heart Failure**

Supplemental File

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Supplemental Figure 1. Study sampling strategy.

Supplemental Figure 2. Cumulative Incidence Curve for Survival Free from Heart Failure.

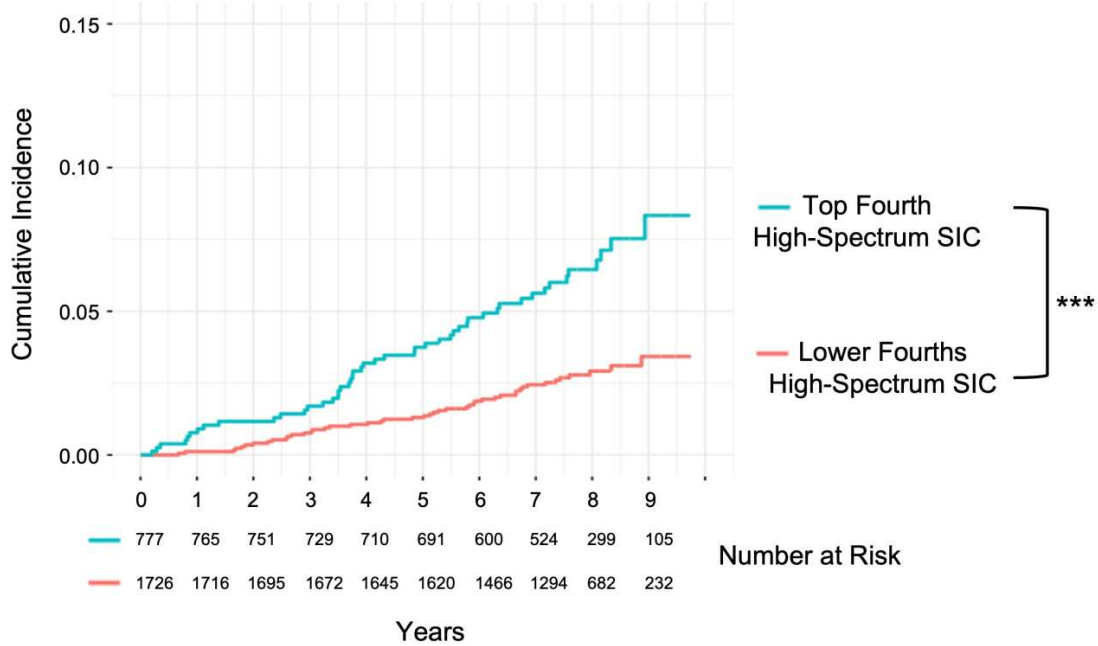
Panel A displays the cumulative incidence of heart failure free survival in participants stratified by high spectrum signal intensity coefficient (HS-SIC) where blue lines denote participants with HS-SIC in the top fourth and red lines denote participants with HS-SIC in lower three fourths.

Panel B displays the cumulative incidence of heart failure free survival in participants stratified by both HS-SIC and sex, where green lines denote women with HS-SIC in the lower three fourths, red lines denote men with HS-SIC in the lower three fourths, purple lines denote women with HS-SIC in the top fourth, and blue lines denote men with HS-SIC in the top fourth.

*** P<0.001, **P<0.01, *P<0.05, NS = Not significant.

A.

Total Population Cumulative Incidence Curve



B.

Sex-Specific Cumulative Incidence Curve

