

Supplementary Table 1. Prevalence of preclinical CVD among Strong Heart Study participants

	No CVD			CVD		
	Normal(n=646)	MS (n=871)	DM (n=1356)	No MS/DM (n=58)	MS (n=75)	DM (n=219)
Ankle brachial index (ABI)						
Mean ABI (ratios)						
Male	1.2 (0.1)	1.2 (0.1)	1.1 (0.2)	1.1 (0.2)	1.1 (0.2)*	1.1 (0.2)*
Female	1.1 (0.1)	1.1 (0.1)	1.1 (0.2)	1.1 (0.1)	1.0 (0.2)	1.0 (0.2)*
Abnormal ABI [†]						
Male	6% (3-9)	2% (1-4)	10% (7-13)*	8% (-1-17)	20% (7-33)*	17% (9-26)*
Female	6% (3-8)	5% (3-7)	11% (9-13)*	13% (-4-31)	25% (10-40)*	22% (14-31)*
LV ejection fraction (EF)						
Mean EF						
Male	0.6 (0.1)	0.6 (0.1)	0.6 (0.1)	0.6 (0.1)	0.5 (0.1)*	0.5 (0.2)*
Female	0.7 (0.1)	0.7 (0.1)	0.6 (0.1)	0.6 (0.2)*	0.6 (0.1)	0.6 (0.1)*
Reduced EF [‡]						
Male	15% (11-19)	16% (11-20)	22% (17-26)*	25% (11-39)	59% (42-75)*	57% (46-68)*
Female	7% (4-9)	6% (4-8)	9% (7-11)	33% (12-55)*	14% (1-26)	25% (17-33)*
LV mass index (g/m ^{2.7})						
Mean LV mass index						
Male	36.0 (7.5)	39.8 (8.5)*	40.5 (9.2)*	42.3 (11.1)*	45.7 (10.6)*	51.4 (14.5)*
Female	37.6 (10.2)	42.6 (10.1)*	43.9 (11.1)*	51.2 (14.2)*	48.6 (13.9)*	50.9 (13.1)*
LV hypertrophy [§]						
Male	4% (2-6)	14% (10-18)*	17% (13-20)*	19% (7-32)*	35% (19-51)*	48% (37-58)*
Female	16% (11-20)	28% (24-31)*	34% (31-37)*	56% (33-79)*	48% (30-67)*	62% (53-72)*
LVWM abnormality [¶]						
Male	4% (2-7)	4% (2-6)	9% (6-11)*	11% (1-20)	19% (6-32)*	23% (15-32)*
Female	4% (1-6)	3% (1-4)	3% (2-4)	22% (3-41)*	3% (-3-8)	11% (5-17)*

Data in parentheses are 1 SD for continuous variables and 95% CI for percentages. *For continuous variables, general linear models were used; for categorical variables, χ^2 tests were used to test significant difference for MS, DM or CVD us. Normal. [†] Abnormal ABI was defined as ratio <0.90 or ratio >1.40. [‡] Left ventricular ejection fraction dysfunction was defined as value <0.54. [§] The Strong Heart Study indicated that LV hypertrophy was defined as LV mass index >49.2 g/m^{2.7} in men, and >46.7 g/m^{2.7} in women. [¶] Left ventricular wall movement abnormality.