

Table S3. Baseline characteristics of the SPRINT-MIND MRI subcohort.

Variable	Total (N=2707)	No MRI (N=2073)	MRI (N=637)	P-value
<b>Demographic Characteristics</b>				
Age (years)	68.4 (8.6)	68.7 (8.7)	67.4 (8.2)	<0.001
Female (%)	994 (36.7%)	744 (35.89%)	250 (39.4%)	0.1
Race/Ethnicity (%)				0.01
White	1600 (59.1%)	1215 (58.6%)	385 (60.7%)	
Black	824 (30.4%)	614 (29.6%)	210 (33.1%)	
Hispanic	225 (8.3%)	195 (9.4%)	30 (4.7%)	
Other	58 (2.1%)	49 (2.4%)	9 (1.4%)	
Education (%)				0.08
Below HS Graduate	227 (8.4%)	182 (8.8%)	45 (7.1%)	
HS Graduate	456 (16.9%)	357 (17.2%)	99 (15.6%)	
Beyond HS	2024 (74.8%)	1534 (74.0%)	490 (77.3%)	
<b>Medical History</b>				
Cardiovascular Disease	543 (20.1%)	455 (22.0%)	88 (13.9%)	<0.001
Diabetes	38 (1.4%)	27 (1.3%)	11 (1.7%)	0.4
Hypertension	2538 (93.8%)	1947 (93.9%)	591 (93.2%)	0.5
Smoking				0.6
Never	1181 (43.7%)	891 (43.0%)	290 (45.7%)	
Former	1184 (43.8%)	924 (44.6%)	260 (41.0%)	
Current	339 (12.5%)	255 (12.3%)	84 (13.3%)	
<b>Hypertension Medications</b>				
ACE Inhibitor	1004 (37.1%)	769 (37.1%)	235 (37.1%)	0.9
ARB	584 (21.6%)	456 (22.0%)	128 (20.2%)	0.3
Calcium channel blocker	966 (35.7%)	749 (36.1%)	217 (34.2%)	0.4
Beta blocker	845 (31.2%)	663 (32.0%)	182 (28.7%)	0.1
Diuretic	1208 (44.6%)	913 (44.0%)	295 (46.5%)	0.3
<b>Clinical Results</b>				
Systolic BP (mm Hg)	138.8 (16.0)	139.1 (15.8)	137.9 (16.6)	0.1
Diastolic BP (mm Hg)	77.3 (11.8)	77.2 (11.9)	77.8 (11.5)	0.2
BMI (kg/m <sup>2</sup> )	29.8 (5.7)	29.9 (5.8)	29.8 (5.3)	0.7
<b>Laboratory Results</b>				
Urine ACR	9.7 (5.7, 22.5)	9.7 (5.9, 22.8)	9.7 (5.5, 20.8)	0.4
eGFR (ml/min/1.73m <sup>2</sup> )	71.3 (20.2)	70.7 (20.3)	72.9 (19.8)	0.02
Total Cholesterol (mg/dL)	189.9 (41.1)	188.9 (41.3)	193.2 (40.6)	0.02
HDL Cholesterol (mg/dL)	53.4 (14.5)	53.4 (14.5)	53.4 (14.7)	0.9
LDL Cholesterol (mg/dL)	112.3 (35.4)	111.4 (35.4)	115.2 (35.2)	0.02
Triglycerides (mg/dL)	122.4 (71.1)	121.5 (69.9)	125.1 (74.9)	0.3

All data are mean (standard deviation), N (%), or median (25<sup>th</sup>, 75<sup>th</sup> percentile). HS, high school; ACE, angiotensin converting enzyme; ARB, angiotensin receptor blocker; BP, blood pressure; BMI, body mass index; ACR, albumin to creatinine ratio; HDL, high density lipoprotein; LDL, low density lipoprotein. To convert ACR to SI units (mg albumin per mmol creatinine), divide ACR by 8.84. To convert cholesterol to mmol/L, multiply by 0.0259 and triglycerides to mmol/L, multiply by 0.0113.