

Racial differences in the association of NT-proBNP with risk of incident heart failure in REGARDS

Supplemental Table 1. Baseline characteristics in non-case random cohort participants from REGARDS. Weighted back to original cohort overall and by tertiles of N-terminal pro B-type natriuretic peptide (NT-proBNP) levels.

Supplemental Table 2. Baseline characteristics of heart failure cases from REGARDS.

Supplemental Table 1. Baseline characteristics in non-case random cohort participants from REGARDS. Weighted back to original cohort overall and by tertiles of N-terminal pro B-type natriuretic peptide (NT-proBNP) levels.

		Overall	NT-proBNP levels		
			Tertile 1 (<42 pg/mL)	Tertile 2 (42-105 pg/mL)	Tertile 3 (>105 pg/mL)
Weighted Frequency		20,075	7,373	7,310	5,392
Age, years		63 (57-70)	59 (55-64)	64 (58-70)	70 (63-77)
Female, n (%)		10,976 (54.7)	3,458 (46.9)	4,292 (58.7)	3,226 (59.8)
Blacks, n (%)		8,203 (40.9)	3,657 (49.6)	2,663 (36.4)	1,883 (34.9)
Lifestyle habits	Current smoker, n (%)	2,759 (13.7)	1,023 (13.9)	925 (12.6)	811 (15.0)
	Current Alcohol use, n (%)	10,766 (53.6)	4,237 (57.5)	3,856 (52.8)	2,673 (49.6)
	Exercise >4 times a week, n (%)	6,325 (31.5)	2,239 (30.4)	2,374 (32.5)	1,712 (31.7)
BMI, kg/m ²		28 (25-32)	29 (26-33)	28 (24-32)	27 (24-31)
Systolic Blood Pressure		125 (117-136)	123 (116-132)	125 (116-136)	130 (119-140)
Diabetes, n (%)		3,611 (18.0)	1,338 (18.1)	1,249 (17.1)	1,024 (19.0)
Dyslipidemia, n (%)		11,447 (57.0)	4,478 (60.7)	3,997 (54.7)	2,972 (55.1)
History of Stroke or TIA, n (%)		1,734 (8.6)	433 (5.9)	461 (6.3)	840 (15.6)
History of Atrial Fibrillation, n (%)		1,514 (7.5)	258 (3.5)	623 (8.5)	633 (11.7)
PVD, n (%)		286 (1.4)	54 (0.7)	117 (1.6)	115 (2.1)
Coronary Artery Disease, n (%)		2,683 (13.4)	584 (7.9)	849 (11.6)	1,250 (23.2)
Left Ventricular Hypertrophy, n (%)		1,735 (8.6)	530 (7.2)	550 (7.5)	655 (12.1)
nSES		-0.8 (-3.6, 3.5)	-1.0 (-3.7, 3.2)	-0.6 (-3.3, 3.4)	-0.9 (-3.7, 3.7)
Medication use	Aspirin, n (%)	8,471 (42.2)	2,706 (36.7)	3,144 (43.0)	2,621 (48.6)
	Antihypertensive, n (%)	11,353 (56.6)	3,713 (50.4)	3,967 (54.3)	3,673 (68.1)
eGFR, ml/min/1.73m ²		89 (75 – 99)	94 (82-104)	88 (76-98)	78 (64-91)

Continuous variables are shown as median and interquartile range and categorical variables are shown as n (%).

Abbreviations: BMI, indicates body mass index; eGFR, estimated glomerular filtration rate; NT-proBNP, N-terminal pro-B-type natriuretic peptide; nSES: neighborhood socioeconomic status at census block level; PVD, peripheral vascular disease; REGARDS, REasons for Geographic And Racial Differences in Stroke Study; SBP, indicates systolic blood pressure; and TIA, Transient ischemic attack.

Supplemental Table 2. Baseline characteristics of heart failure cases from REGARDS.

		Overall
Cases		687
Age, years		71 (65-76)
Female, n (%)		304 (44.3)
Blacks, n (%)		275 (40.0)
Lifestyle habits	Current smoker, n (%)	130 (18.9)
	Current Alcohol use, n (%)	311 (45.3)
	Exercise >4 times a week, n (%)	172 (25.0)
BMI, kg/m ²		29 (26-33)
Systolic Blood Pressure		133 (122-144)
Diabetes, n (%)		246 (35.8)
Dyslipidemia, n (%)		455 (66.2)
History of Stroke or TIA, n (%)		130 (18.9)
History of Atrial Fibrillation, n (%)		112 (16.3)
PVD, n (%)		36 (5.2)
Coronary Artery Disease, n (%)		258 (37.6)
Left Ventricular Hypertrophy, n (%)		111 (16.2)
nSES		-0.9 (-4.5, 1.6)
Medication use	Aspirin, n (%)	369 (53.7)
	Antihypertensive, n (%)	535 (77.9)
eGFR, ml/min/1.73m ²		79 (59 – 92)

Continuous variables are shown as median and interquartile range and categorical variables are shown as n (%).

Abbreviations: BMI, indicates body mass index; eGFR, estimated glomerular filtration rate; NT-proBNP, N-terminal pro-B-type natriuretic peptide; nSES: neighborhood socioeconomic status at census block level; PVD, peripheral vascular disease; REGARDS, REasons for Geographic And Racial Differences in Stroke Study; SBP, indicates systolic blood pressure; and TIA, Transient ischemic attack.