

Supplemental Table 1. Clinical and demographic characteristics at initial CRIC visit by ABPM status

	No ABPM (N = 2447)	ABPM (N = 1492)	<i>P</i> value
Age (yr)	58.0 (11.5)	58.4 (10.2)	0.20
Gender			0.34
Male	1328 (54.3)	833 (55.8)	
Female	1119 (45.7)	659 (44.2)	
Race			0.006
Non-Hispanic white	966 (39.5)	672 (45.0)	
Non-Hispanic black/African Amer.	1069 (43.7)	581 (38.9)	
Hispanic	314 (12.8)	183 (12.3)	
Other	98 (4.0)	56 (3.8)	
Educational attainment			<0.001
Less than high school	577 (23.6)	251 (16.8)	
High school diploma	484 (19.8)	257 (17.2)	
Post-high school education	683 (27.9)	463 (31.1)	
≥ College graduate	703 (28.7)	520 (34.9)	
Medical history			
Hypertension	2125 (86.8)	1266 (84.9)	0.08
MI or coronary revascularization	567 (23.2)	295 (19.8)	0.01
Chronic heart failure	287 (11.7)	95 (6.4)	<0.001
Diabetes	1282 (52.4)	625 (41.9)	<0.001
BP variables			
SBP (mmHg)	130.9 (23.6)	124.6 (19.1)	<0.001
DBP (mmHg)	71.9 (13.3)	71.0 (11.9)	0.03
BP <140/90 mmHg at baseline	1619 (66.2)	1167 (78.2)	<0.001
BMI (kg/m ²)	32.5 (8.4)	31.4 (6.7)	<0.001
Kidney function measures			
eGFR (ml/min/1.73 m ²)	40.6 (13.5)	46.6 (12.7)	<0.001
eGFR (ml/min/1.73 m ²)			<0.001
< 30	614 (25.1)	150 (10.1)	
30 to < 45	963 (39.4)	535 (35.9)	
45 to < 60	666 (27.2)	599 (40.1)	
≥ 60	204 (8.3)	208 (13.9)	
Urine protein/24 h (g/24h)	0.28 (0.08 to 1.42)	0.11 (0.06 to 0.41)	<0.001
ACEI or ARB therapy	1666 (68.6)	1022 (69.0)	0.77
Serum albumin (g/dl)	3.87 (0.5)	4.04 (0.4)	<0.001

* mean ± SD for continuous variables, median and IQR for skewed variables, and n (%) for categorical variables

Supplemental Table 2. Relationship between BP category and left ventricular mass and pulse wave velocity by time between ABPM and LVMI/PWV measurement

BP category	Left ventricular mass index*		Pulse wave velocity*	
	<6 months (N = 573)	>6 months (N = 913)	<6 months (N = 561)	>6 months (N = 833)
Controlled clinic and ambulatory BP	Ref	Ref	Ref	Ref
White-coat hypertension	2.67 (-2.5 to 7.8)	-2.23 (-6.6 to 2.2)	1.23 (0.1 to 2.4)	0.26 (-0.8 to 1.3)
Masked hypertension	3.59 (0.9 to 6.3)	1.96 (-0.04 to 4.0)	0.95 (0.3 to 1.6)	0.89 (0.4 to 1.4)
Sustained hypertension	3.74 (0.7 to 6.8)	1.99 (-0.5 to 4.5)	1.14 (0.4 to 1.9)	0.79 (0.1 to 1.4)

* Adjusted for age, sex, race, clinical center, tobacco use, ACEI/ARBs, diuretics, beta blockers, calcium channel blockers, total number of antihypertensives, coronary artery disease, congestive heart failure, diabetes, BMI, eGFR, urine protein, LDL cholesterol, serum phosphorus, serum calcium, serum uric acid, CRP, 24hr urine sodium. Bold indicates P <0.05.