

Supplemental Table 3. Baseline characteristics in ARIC, MESA and JHS

	ARIC (n=5868)	MESA (n=2877)	JHS (n=629)*	P
Age (mean±SD, years)	54.5±5.6	64.7±9.2	55.3±9.6	<0.0001
Race/ethnicity (n,%)				<0.0001
Non-Hispanic white	4286 (73.0)	1105 (38.4)	NA	
Non-Hispanic black	1582 (27.0)	805 (28.0)	629 (100.0)	
Others	NA	967 (33.6)	NA	
Education (n,%)	5864	2867	628	<0.0001
≤high school	3593 (61.3)	1229 (42.9)	205 (32.6)	
>high school	2271 (38.7)	1638 (57.1)	423 (67.4)	
Current smoking (n,%)	1338 (22.8)	316 (11.0)	55 (8.8)	<0.0001
Current alcohol drinking (n,%)	2815 (48.0)	2008 (69.8)	241 (38.3)	<0.0001
BMI				
BMI (mean±SD, kg/m ²)	28.0±6.1	28.6±6.0	33.3±7.4	<0.0001
BMI≥30 (n,%, kg/m ²)	1846 (31.5)	1012 (35.2)	405 (64.5)	<0.0001
Blood pressure				
SBP (mean±SD, mmHg)	122.9±20.0	129.4±23.5	126.5±16.8	<0.0001
DBP (mean±SD, mmHg)	71.5±10.8	69.2±10.3	75.6±8.5	<0.0001
SBP≥140 or DBP≥90 mmHg (n,%)	2535 (43.3)	879 (30.6)	121 (19.2)	<0.0001
Cholesterol				
Total cholesterol (mean±SD, mg/dL)	218.4±42.3	201.5±35.7	203.5±38.6	<0.0001
Total cholesterol≥200 mg/dL (n,%)	3829 (65.5)	1422 (49.5)	291 (49.3)	<0.0001
T2DM (n, %)	750 (12.8)	358 (12.4)	129 (20.5)	<0.0001
Anti-hypertensive medication (n,%)	1610 (27.4)	1211 (42.1)	346 (55.8)	<0.0001
Lipids-lowering medication (n,%)	1703 (29.2)	531 (18.5)	60 (9.7)	<0.0001
Menopausal age (mean± SD, years)	45.3±6.8	47.6±6.4	41.6±8.9	<0.0001
Early menopause (<45 years, n,%)	2402 (41.0)	685 (23.8)	360 (57.9)	<0.0001
Menopausal type (n,%)				<0.0001
Natural	3503 (59.7)	2048 (71.2)	206 (32.8)	
Surgical	2336 (39.8)	766 (26.6)	417 (66.3)	
Not specified	29 (0.5)	63 (2.2)	6 (0.95)	
Ever used hormone therapy (n,%)	3235 (55.5)	1493 (51.9)	323 (51.4)	<0.0001
Ever pregnant (n,%)	5497 (93.7)	2531 (88.0)	581 (92.4)	<0.0001

*JHS only included non-Hispanic Black participants. T2DM: type 2 diabetes. Missing n for covariates: education 15, smoking 4, BMI 5, Blood pressure 10, cholesterol 69, antihypertensive medication 11, lipids-lowering medication 40, Ever used hormone therapy 43 and ever pregnant 5.