

SUPPLEMENTAL MATERIAL

Table S1. Presence of risk factors used to construct the metabolic risk score over CARDIA examinations. “N present” refers to number of observations that have a measured covariate, and “%” reflects proportion out of 4420 individuals in initial analytic cohort.

Covariate	<u>Year 0</u>		<u>Year 2</u>		<u>Year 5</u>		<u>Year 7</u>	
	N Present	%	N Present	%	N Present	%	N Present	%
Body mass index	4420	100	4176	94.5	4086	92.4	3773	85.4
Insulin resistance (diabetes, fasting glucose)	4420	100	4171	94.4	4100	92.8	3862	87.4
Blood pressure	4420	100	4201	95	4104	92.9	3862	87.4
Waist circumference	4420	100	4173	94.4	4070	92.1	3759	85
High-density lipoprotein	4420	100	4094	92.6	4018	90.9	3799	86
Triglyceride	4420	100	4095	92.6	4018	90.9	3799	86
Total Metabolic Risk Score	4420	100	4045	91.5	3984	90.1	3710	83.9
	<u>Year 10</u>		<u>Year 15</u>		<u>Year 20</u>		<u>Year 25</u>	
	N Present	%	N Present	%	N Present	% Present	N Present	% Present
Body mass index	3680	83.3	3439	77.8	3334	75.4	3274	74.1
Insulin resistance (diabetes, fasting glucose)	3731	84.4	3476	78.6	3349	75.8	3279	74.2
Blood pressure	3732	84.4	3478	78.7	3349	75.8	3280	74.2
Waist circumference	3673	83.1	3454	78.1	3338	75.5	3271	74
High-density lipoprotein	3672	83.1	3428	77.6	3318	75.1	3269	74
Triglyceride	3672	83.1	3428	77.6	3318	75.1	3269	74
Total Metabolic Risk Score	3623	82	3408	77.1	3309	74.9	3262	73.8

Figure S1. Baseline metabolic score across waist circumference and categories of weight.

