

Supplementary table 1: Description of variables in baseline prediction models used across studies

First author	a g e	s e x	r a c e	b m i	h d l c	l d l c	t c	t r i	s b p	d b p	b p	h r	s m o k	d m	l l - 6	h c l	h p t	l v h	c v d	st a t	a f †	b p m	
Flow-mediated dilation																							
Yeboah[19]	x	x				x		x	x			x	x						x	x			
Yeboah[11]	x	x			x	x		x	x			x	x	x							x		x
Carotid intima-media thickness																							
Anderson[20]*	x	x			x		x		x	x			x	x									
Cao[21]	x	x	x	x	x	x	x		x	x			x	x									
Chambless[22]					x		x		x				x	x								x	
Chambless[23]									x				x	x				x	x			x	
Elias-Smale[29]**	x	x			x		x		x	x			x	x								x	
Folsom[25]	x	x	x		x		x				x		x	x							x		
Lorenz[28]	x	x			x	x			x	x			x	x									
Mathiesen[26]	x				x		x		x				x	x					x			x	
Nambi[9]	x	x			x		x		x				x	x								x	
Polak[30]**	x	x			x		x		x	x			x	x									
Price[27]	x	x			x		x		x				x	x									
del Sol[24]	x	x			x		x		x	x			x	x					x				
Carotid plaque																							
Cao[21]	x	x	x	x	x	x	x		x	x			x	x									
Mathiesen[26]	x				x		x		x				x	x					x			x	
Nambi[9]	x	x			x		x		x				x	x								x	
Prati[31]**	x	x			x		x		x	x			x	x									
Stork[32]	x														x								
Xie[33]	x	x			x		x						x	x				x					
Coronary artery calcification score																							
Detrano[34]	x	x	x		x		x		x	x			x	x							x	x	
Elias-Smale[35]**	x	x			x		x		x	x			x	x									
Erbel[36]*	x	x			x		x		x	x			x	x									
Folsom[25]	x	x	x		x		x				x		x	x							x		
Greenland[37]*	x	x			x		x		x	x			x	x									
Mohlenkamp[38]	x	x			x		x															x	
Polonsky[10]	x	x	x		x		x		x	x			x	x									
Raggi[39]	x	x											x	x		x	x						
Wong[40]*	x	x			x		x		x	x			x	x									

* the original Framingham risk score was used as baseline model, ** a recalibrated version of the Framingham risk score was used as baseline model, † this risk factor was only included in the prediction model with stroke as outcome

Abbreviations: bmi, body mass index; hdldc, high-density lipoprotein cholesterol; ldldc, low-density lipoprotein cholesterol; tc, total cholesterol; tri, triglycerides; sbp, systolic blood pressure; dbp, diastolic blood pressure; bp, blood pressure; hr, heart rhythm; smok, smoking; dm, diabetes mellitus; il-6,

interleukin-6; hcl, hypercholesterolemia; hpt, hypertension; lvh, left ventricle hypertrophy; cvd, history of cardiovascular disease; stat, use of statins; af, arterial fibrillation; bpm, use of blood pressure lowering medication