

Table S1. Additional characteristics of included studies								
Study ID	Number of men and women	SBP (mmHg)	DBP (mmHg)	CHD history (%)	BMI (kg/m²)	DM (%)	Smoking (%)	MACE definition
Dawns 1998 (AFCAPS/TextCAPS) [16]	5608/997	138.0	78.0	15.7	27.1 for men and 26.4 for women	2.3	12.4	Fatal or nonfatal MI, UA, or sudden cardiac death
ALLHAT Collaborative Research Group 2002 [17]	5304/5051	145.0	84.0	14.2	29.9	35.1	23.2	Fatal CHD and nonfatal MI
Kushiro 2009 (MEGA) [18]	996/2281	141.0	83.0	NA	24.6	20.0	15.0	Coronary heart disease, coronary heart disease plus cerebral infarction, and cardiovascular disease
Sever 2003 (ASCOT-LLA) [19]	8363/1942	164.2	95.0	3.8	28.6	24.5	32.7	Total coronary events, fatal CHD and nonfatal MI, fatal and nonfatal stroke, fatal and nonfatal heart failure, all-cause mortality
Hedblad 2001 (BCAPS) [20]	175/221	138.5	84.5	3.8	25.5	3.0	32.6	Fatal or nonfatal MI, nonfatal stroke, or sudden cardiac death
Yusuf 2016 (HOPE-3) [21]	3446/2910	138.2	81.9	0.0	27.2	6.1	28.0	Death from cardiovascular causes, nonfatal MI, or nonfatal stroke
Asselbergs 2004 (PREVEND IT) [22]	561/303	130.5	76.5	3.8	26.0	2.6	40.0	Nonfatal MI, and/or myocardial ischemia, heart failure, peripheral vascular disease,

								cerebrovascular accident, and cardiac death
Teo 2000 (SCAT) [23]	410/50	NA	NA	70.0	NA	11.0	15.0	Fatal or nonfatal MI, stroke, and all-cause mortality

*BMI: body mass index; DM: diabetes mellitus; MACE: major adverse cardiovascular events; MI: myocardial infarction; UA: unstable angina