

**Supplementary Table 1.** Baseline characteristics of study participants in the KOGES-Ansan and Ansung study and ASCVD risk prediction models

Characteristic	KOGES			PCE-WH			PCE-AA			FRS-CVD	KRPM
	ARIC	CARDIA	Framingham	ARIC	CARDIA	CHS	ARIC	CHS	CARDIA		
Men	3,778	4,692	1,308	103	2,995	219	1,364	219	64	3,969	119,715
Age, yr	51.3±8.6	54.5±5.7	71.2±3.8	40.2±0.4	52.8±8.5	70.9±3.9	53.6±5.9	70.9±3.9	40.3±0.8	48.5±10.8	50.1±7.9
Total cholesterol, mg/dL	192±36	210±38	200±35	186±34	217±39	200±36	211±44	200±36	186±39	213±39	197±35
HDL-C, mg/dL	44±10	43±12	48±13	43±11	45±12	52±14	51±17	52±14	47±17	45±12	48±11
Systolic BP, mm Hg	125±17	120±15 <sup>a</sup>	135±20 <sup>a</sup>	113±13 <sup>a</sup>	132±17 <sup>a</sup>	138±21 <sup>a</sup>	130±20 <sup>a</sup>	138±21 <sup>a</sup>	118±13 <sup>a</sup>	130±18	125±18
Untreated, mm Hg	NA	118±15	132±19	113±13	130±17	134±18	128±21	134±18	117±14	NA	NA
Treated, mm Hg	NA	129±17	142±22	114±11	146±20	144±24	134±19	144±24	128±9	NA	NA
BP treatment, %	8.5	16.6	30.4	1.9	11.9	43.8	30.2	43.8	10.9	10.1	NA
Diabetes mellitus, %	7.8	7.8	15.4	2.9	7.7	25.6	15.0	25.6	3.1	6.5	10.5
Current smoker, %	48.1	24.5	10.7	23.3	33.6	23.7	37.3	23.7	37.5	35.2	49.4
Women	4,154	5,508	2,131	131	3,470	394	2,137	394	110	4,522	80,295
Age, yr	52.4±9.0	53.9±5.7	70.8±3.8	40.1±0.3	53.5±8.7	71.2±4.0	53.1±5.7	71.2±4.0	40.4±1.0	49.1±11.1	51.8±8.1
Total cholesterol, mg/dL	191±35	218±42	223±38	181±29	224±43	215±38	216±45	215±38	181±35	215±44	201±37
HDL-C, mg/dL	46±10	58±17	60±16	54±13	58±16	61±15	58±17	61±15	53±15	58±15	54±13
Systolic BP, mm Hg	124±20	117±16 <sup>a</sup>	134±20 <sup>a</sup>	105±11 <sup>a</sup>	130±19 <sup>a</sup>	142±23 <sup>a</sup>	128±20 <sup>a</sup>	142±23 <sup>a</sup>	113±15 <sup>a</sup>	126±20	125±20
Untreated, mm Hg	NA	114±16	130±20	105±11	127±19	137±20	124±20	137±20	111±15	NA	NA
Treated, mm Hg	NA	129±18	141±20	108±4	148±20	146±25	133±21	146±25	130±19	NA	NA
BP treatment, %	13.1	16.7	32.9	2.3	13.2	58.1	39.3	58.1	9.1	11.8	NA
Diabetes mellitus, %	6.0	6.1	9.9	1.5	4.7	22.3	17.1	22.3	6.4	3.8	7.4
Current smoker, %	3.4	24.5	13.7	17.6	32.8	14.2	24.0	14.2	27.3	34.2	4.5

Values are presented as mean ± standard deviation or percentage.

KOGES, Korean Genome and Epidemiology Study; ASCVD, atherosclerotic cardiovascular disease; PCE-WH, Pooled Cohort Equations for non-Hispanic whites; ARIC, Atherosclerosis Risk in Communities study; CHS, Cardiovascular Health Study; CARDIA, Coronary Artery Risk Development in Young Adults; PCE-AA, Pooled Cohort Equations for African Americans; FRS-CVD, Framingham Global Cardiovascular Risk Score; KRPM, Korean Risk Prediction Model; HDL-C, high density lipoprotein cholesterol; BP, blood pressure; NA, not applicable.

<sup>a</sup>Systolic BP levels of the PCE-WH and PCE-AA cohorts were calculated as weighted averages and pooled standard deviations from untreated and treated BP.