

Supplementary Table 1. Simple logistic regression analysis in clinically normotensive women and men (separately) with no prior history of hypertension according to the presence of electrocardiographic left ventricular hypertrophy or normal sinus rhythm

Characteristic	Men		Women	
	No. of subjects with information	Crude OR (95% CI)	No. of subjects with information	Crude OR (95% CI)
Demographics				
Age (y)	1,203	1.01 (0.98–1.04)	1,380	1.09 (1.04–1.14)
Level of education	1,028		1,189	
<College education		1.00		1.00
≥College education		0.63 (0.35–1.14)		0.66 (0.25–1.79)
Monthly household income (10,000 won/mo)	1,027		1,146	
<200		1.00		1.00
≥200		1.06 (0.25–4.53)		0.26 (0.07–0.96)
Marital status	1,095		1,256	
Single		1.00		1.00
Married		2.71 (0.65–11.29)		1.65 (0.22–12.67)
Social/health habits				
Smoking	1,160		1,221	
Never		1.00		1.00
Ex-smoker		2.52 (1.08–5.89)		0.00 (0.00–)
Current		2.02 (0.86–4.71)		2.60 (0.33–20.35)
Problem drinking*	1,172	0.86 (0.49–1.49)	1,364	2.91 (0.82–10.39)
Regular exercise†	598	2.85 (1.35–6.04)	784	0.00 (0.00–)
Family history				
Stroke	1,102	1.81 (0.95–3.44)	1,300	1.75 (0.49–6.25)
Cardiac disease including IHD	1,102	1.35 (0.60–3.06)	1,300	0.00 (0.00–)
Hypertension	1,102	1.50 (0.83–2.69)	1,300	0.90 (0.30–2.64)
Diabetes	1,102	0.62 (0.30–1.28)	1,300	1.35 (0.46–3.98)
Other‡	1,102	0.96 (0.55–1.66)	1,300	1.59 (0.57–4.42)
Diagnosis history				
Stroke	1,203	1.74 (0.22–13.74)	1,380	15.09 (1.71–133.12)
Cardiac disease including IHD	1,203	0.00 (0.00–)	1,380	0.00 (0.00–)
Diabetes	1,203	0.57 (0.17–1.85)	1,380	4.39 (0.97–19.91)
Dyslipidemia	1,203	0.77 (0.27–2.17)	1,380	5.94 (1.64–21.50)
Tuberculosis	1,203	0.78 (0.28–2.19)	1,380	2.46 (0.55–11.00)
Other	1,203	1.15 (0.68–1.95)	1,380	0.71 (0.25–2.06)
Physical characteristics				
Height (cm)	1,203	1.02 (0.97–1.06)	1,379	1.01 (0.92–1.11)
Weight (kg)	1,203	1.00 (0.97–1.03)	1,379	0.96 (0.89–1.03)
Body mass index (kg/m ²)	1,203	0.98 (0.88–1.08)	1,379	0.86 (0.70–1.05)
Obesity [§]	1,203	0.78 (0.44–1.37)	1,379	0.36 (0.05–2.77)
Waist circumference (cm)	1,203	0.99 (0.95–1.02)	1,373	0.97 (0.91–1.03)
Abdominal obesity [¶]	1,203	0.62 (0.30–1.28)	1,373	1.08 (0.31–3.82)
Systolic blood pressure (mm Hg)	1,203	1.04 (1.01–1.06)	1,380	1.06 (1.02–1.10)
Diastolic blood pressure (mm Hg)	1,203	1.02 (0.98–1.06)	1,380	0.98 (0.92–1.04)
Pulse rate (beats/min)	1,203	0.96 (0.93–1.00 [¶])	1,380	1.00 (0.95–1.06)
Laboratory characteristics				
Hemoglobin A1c (%)	1,167	0.63 (0.38–1.04)	1,370	1.12 (0.56–2.23)
Fasting blood glucose (mg/dL)	1,203	0.99 (0.98–1.01)	1,379	1.01 (0.99–1.03)
Total cholesterol (mg/dL)	1,203	1.00 (0.99–1.01)	1,379	1.00 (0.98–1.01)
High-density lipoprotein (mg/dL)	1,203	1.00 (0.98–1.02)	1,378	1.00 (0.97–1.04)
Low-density lipoprotein (mg/dL)	1,203	1.00 (0.99–1.01)	1,379	1.00 (0.98–1.02)
Triglyceride (mg/dL)	1,203	1.00 (1.00–1.00)	1,379	1.00 (0.99–1.01)
Uric acid (mg/dL)	1,203	1.10 (0.88–1.36)	1,378	0.54 (0.30–0.96)
Hemoglobin (g/dL)	1,203	0.81 (0.62–1.06)	1,378	1.80 (1.05–3.10)
High-sensitivity C-reactive protein (mg/L)	1,102	0.91 (0.74–1.11)	1,271	1.02 (0.91–1.13)
eGFR	982	1.02 (0.97–1.06)	1,148	0.97 (0.90–1.05)
Aspartate aminotransferase (IU/L)	1,203	1.00 (0.99–1.02)	1,378	1.03 (1.01–1.06)
Alanine transaminase (IU/L)	1,203	0.99 (0.97–1.01)	1,378	1.02 (1.00–1.04)

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Supplementary Table 1. Continued

Characteristic	Men		Women	
	No. of subjects with information	Crude OR (95% CI)	No. of subjects with information	Crude OR (95% CI)
Gynecological history				
Menopause**	–	–	1,164	10.51 (3.20–34.45)
Ever use of HRT ^{††}	–	–	191	1.64 (0.31–8.82)

Data describing medical histories and lifestyle were obtained from structured self-questionnaires. $eGFR (mL/min/1.73 m^2) = 175 \times \text{serum creatinine (mg/dL)} - 1.154 \times \text{age} - 0.203 \times 0.742$ (if female).

OR, odds ratio; CI, confidence interval; IHD, ischemic heart disease; eGFR, estimated glomerular filtration rate; HRT, hormone replacement therapy.

*In men up to 65 years, >14 standard drinks per week on average or >4 drinks on any day; in women and adults over 65 years, >7 standard drinks per week on average or >3 drinks on any day. [†]At least 150 min of moderate-intensity aerobic physical activity throughout the week or at least 75 min of vigorous-intensity aerobic physical activity throughout the week. [‡]Liver disease, cancer, gastritis, hemorrhoids, and so on. [§]Body mass index $\geq 25 \text{ kg/m}^2$. [¶]Reference, no obesity. ^{¶¶}Waist circumference $\geq 90 \text{ cm}$ in men and $\geq 85 \text{ cm}$ in women. ^{¶¶¶}Upper or lower limit of CI=1.00 and $P < 0.05$. **Stopping of the menstrual cycles. ^{†††}Ever use of HRT for alleviating climacteric symptoms in postmenopausal status.