

**Table S1** Association of baseline heart rate with cardiovascular events and mortality in hypertensive participants (sensitivity analysis: further adjustment for confounding factors)

Models for outcomes <sup>†</sup>	HR (95% CI) for categories of baseline heart rate (beats/minute)					P <sub>trend</sub>
	<65.5	65.5-71	71-76	76-82.5	≥82.5	
<b>Hypertensive participants</b>						
<b>Myocardial infarction/Total</b>	36/2,505	56/2,674	42/2,829	54/3,047	70/3,722	
Incidence (/1,000 person-years)	1.824	2.636	1.868	2.236	2.389	0.315
Model 2	0.66 (0.43, 1.01)	ref.	0.69 (0.47, 1.04)	0.88 (0.60, 1.28)	0.84 (0.58, 1.20)	0.573
Model 3	0.65 (0.43, 1.00)	ref.	0.69 (0.46, 1.03)	0.87 (0.60, 1.27)	0.83 (0.58, 1.19)	0.577
Model 4	0.65 (0.43, 0.99)	ref.	0.69 (0.46, 1.03)	0.87 (0.60, 1.27)	0.83 (0.58, 1.19)	0.557
<b>Stroke/Total</b>	134/2,505	157/2,674	158/2,829	155/3,047	214/3,722	
Incidence (/1,000 person-years)	6.874	7.499	7.114	6.488	7.386	0.694
Model 2	0.91 (0.72, 1.15)	ref.	0.93 (0.75, 1.17)	0.84 (0.67, 1.06)	0.89 (0.72, 1.09)	0.360
Model 3	0.91 (0.72, 1.15)	ref.	0.93 (0.75, 1.16)	0.84 (0.67, 1.05)	0.88 (0.72, 1.09)	0.347
Model 4	0.91 (0.72, 1.15)	ref.	0.93 (0.75, 1.17)	0.84 (0.67, 1.05)	0.88 (0.72, 1.09)	0.342
<b>Major cardiovascular disease /Total</b>	172/2,505	216/2,674	205/2,829	207/3,047	293/3,722	
Incidence (/1,000 person-years)	8.847	10.348	9.260	8.697	10.161	0.238
Model 2	0.84 (0.68, 1.03)	ref.	0.88 (0.72, 1.06)	0.83 (0.68, 1.01)	0.89 (0.74, 1.06)	0.704
Model 3	0.83 (0.68, 1.02)	ref.	0.87 (0.72, 1.06)	0.82 (0.68, 1.00)	0.88 (0.74, 1.06)	0.685
Model 4	0.84 (0.68, 1.02)	ref.	0.88 (0.72, 1.06)	0.83 (0.68, 1.00)	0.88 (0.74, 1.06)	0.683
<b>Cardiovascular death events/Total</b>	33/2,505	54/2,674	46/2,829	46/3,047	85/3,722	
Incidence (/1,000 person-years)	1.667	2.535	2.040	1.898	2.891	0.029
Model 2	0.62 (0.40, 0.96)	ref.	0.79 (0.53, 1.18)	0.78 (0.52, 1.18)	1.04 (0.73, 1.48)	0.077
Model 3	0.61 (0.40, 0.95)	ref.	0.79 (0.53, 1.18)	0.77 (0.51, 1.15)	1.03 (0.72, 1.47)	0.090
Model 4	0.61 (0.39, 0.95)	ref.	0.79 (0.53, 1.18)	0.76 (0.51, 1.14)	1.02 (0.72, 1.45)	0.101

<sup>†</sup>Model 2 adjusted for age, sex, smoking, drinking, Body Mass Index, family history of cardiovascular disease, location, region, education, physical activity level, diastolic blood pressure, Hypercholesterolemia and center as random effect; Model 3 adjusted for age, sex, smoking, drinking, Body Mass Index, family history of cardiovascular disease, location, region, education, physical activity level, diastolic blood pressure, Hypercholesterolemia, use of beta blocker, use of calcium antagonist and center as random effect; Model 4 adjusted for age, sex, smoking, drinking, Body Mass Index, family history of cardiovascular disease, location, region, education, physical activity level, diastolic blood pressure, Hypercholesterolemia, use of beta blocker, use of calcium antagonist, use of angiotensin converting enzyme inhibitors, use of angiotensin receptor blocker, use of other types of antihypertensive drugs and center as random effect.