

Supplementary Table 5. Relationship between blood pressure and chronic kidney disease (time-varying)

Variable	Unadjusted		Model 1		Model 2		Model 3	
	HR (95% CI)	p-value	HR (95% CI)	p-value	HR (95% CI)	p-value	HR (95% CI)	p-value
SBP (mmHg)								
<100	0.84 (0.56–1.25)	0.39	1.01 (0.68–1.51)	0.95	1.13 (0.76–1.69)	0.53	1.12 (0.75–1.67)	0.57
100–119	(Reference)		(Reference)		(Reference)		(Reference)	
120–129	1.16 (0.90–1.48)	0.25	0.95 (0.74–1.21)	0.67	0.87 (0.68–1.11)	0.27	0.93 (0.73–1.19)	0.55
130–139	2.13 (1.69–2.69)	<0.001	1.45 (1.14–1.85)	0.002	1.30 (1.02–1.66)	0.04	1.39 (1.10–1.77)	0.007
140–159	3.18 (2.53–3.99)	<0.001	1.92 (1.51–2.45)	<0.001	1.72 (1.35–2.21)	<0.001	1.79 (1.40–2.28)	<0.001
≥160	7.13 (5.28–9.62)	<0.001	3.42 (2.49–4.70)	<0.001	3.22 (2.35–4.40)	<0.001	3.22 (2.35–4.40)	<0.001
DBP (mmHg)								
<70	0.99 (0.74–1.31)	0.93	0.98 (0.74–1.31)	0.91	1.02 (0.76–1.35)	0.92	1.05 (0.79–1.40)	0.73
70–79	(Reference)		(Reference)		(Reference)		(Reference)	
80–89	1.21 (0.98–1.50)	0.07	1.20 (0.98–1.48)	0.08	1.17 (0.95–1.45)	0.14	1.19 (0.97–1.47)	0.10
90–99	1.89 (1.49–2.38)	<0.001	1.88 (1.49–2.37)	<0.001	1.79 (1.42–2.27)	<0.001	1.88 (1.48–2.37)	<0.001
≥100	3.79 (2.84–5.05)	<0.001	4.08 (3.05–5.46)	<0.001	3.93 (2.93–5.27)	<0.001	4.30 (3.20–5.76)	<0.001

CI, confidence interval; DBP, diastolic blood pressure; HR, hazard ratio; SBP, systolic blood pressure.

Model 1: adjusted for sex, educational attainment, income level, and time-updated age; model 2: model 1 + smoking status, history of diabetes mellitus and dyslipidemia, and time-updated body mass index; model 3: model 2 + baseline estimated glomerular filtration rate and albumin and time-updated total cholesterol and hemoglobin.