

Supplementary Table 9. Hazard ratios and 95% confidence intervals for incident heart failure according to the duration of diabetes and LDL-C level (subgroup analysis according to the use of anti-dyslipidemic medication)

DM duration	LDL-C, mg/dL	Dyslipidemia medication (-)				Dyslipidemia medication (+)				P for interaction
		Number	No. of events	Incidence rate ^a	HR (95% CI)	Number	No. of events	Incidence rate ^a	HR (95% CI)	
New-onset	<70	37,137	1,837	13.27	1 (ref.)	24,125	1,575	17.60	1 (ref.)	<0.001
	70–99	118,331	4,347	9.72	0.77 (0.73–0.82)	39,376	2,221	15.04	0.89 (0.83–0.95)	
	100–129	197,339	6,355	8.50	0.69 (0.66–0.73)	29,043	1,495	13.61	0.87 (0.81–0.94)	
	130–159	149,736	4,397	7.75	0.67 (0.63–0.70)	19,959	915	11.98	0.84 (0.77–0.91)	
	≥160	78,908	2,317	7.80	0.71 (0.67–0.76)	21,884	898	10.71	0.83 (0.76–0.90)	
<5 years	<70	23,234	1,658	19.03	1 (ref.)	108,438	6,139	14.85	1 (ref.)	<0.001
	70–99	71,253	4,105	15.02	0.83 (0.78–0.87)	133,788	7,264	14.09	0.95 (0.92–0.99)	
	100–129	92,289	4,658	13.05	0.73 (0.69–0.78)	81,833	4,213	13.27	0.96 (0.92–0.99)	
	130–159	46,634	2,293	12.73	0.73 (0.69–0.78)	51,070	2,357	11.83	0.90 (0.86–0.95)	
	≥160	14,470	792	14.30	0.82 (0.75–0.89)	37,141	1,645	11.40	0.93 (0.88–0.98)	
5–10 years	<70	19,309	1,595	22.15	1 (ref.)	98,101	6,771	18.25	1 (ref.)	<0.001
	70–99	56,220	4,122	19.29	0.88 (0.83–0.94)	108,959	7,141	17.16	0.96 (0.93–0.99)	
	100–129	65,167	4,466	17.90	0.83 (0.78–0.88)	53,905	3,529	17.03	0.98 (0.94–1.02)	
	130–159	28,919	1,994	18.06	0.83 (0.78–0.89)	24,012	1,589	17.12	1.00 (0.95–1.06)	
	≥160	8,114	676	22.12	0.99 (0.91–1.09)	12,709	902	18.44	1.08 (1.01–1.16)	
≥10 years	<70	25,726	2,756	29.77	1 (ref.)	136,615	13,619	27.24	1 (ref.)	<0.001
	70–99	73,441	7,097	26.24	0.90 (0.87–0.94)	134,200	12,602	25.29	0.97 (0.94–0.99)	
	100–129	80,346	7,372	24.70	0.87 (0.83–0.91)	59,016	5,698	25.89	1.01 (0.97–1.04)	
	130–159	32,767	3,183	26.22	0.93 (0.88–0.98)	25,190	2,653	28.19	1.11 (1.07–1.16)	
	≥160	9,051	1,060	32.36	1.11 (1.04–1.19)	12,223	1,318	29.10	1.16 (1.10–1.23)	

Adjusted for age, sex, body mass index, smoking, drinking, income, hypertension, chronic kidney disease, fasting glucose, insulin treatment, and oral hypoglycemic agent.

LDL-C, low-density lipoprotein cholesterol; DM, diabetes mellitus; HR, hazard ratio; CI, confidence interval.

^aPer 1,000 person-years.