

Supplementary Table 6. Hazard ratios and 95% confidence intervals for incident heart failure according to the duration of diabetes and LDL-C level (subgroup analysis according to age groups)

DM duration	LDL-C, mg/dL	Age <65 years				Age ≥65 years				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	45,913	1,670	9.65	1 (ref.)	15,349	1,742	31.75	1 (ref.)	0.004
	70–99	123,799	3,258	6.91	0.78 (0.74–0.83)	33,908	3,310	26.86	0.86 (0.81–0.91)	
	100–129	186,317	4,256	5.99	0.71 (0.67–0.75)	40,065	3,594	24.39	0.78 (0.74–0.83)	
	130–159	143,470	3,096	5.66	0.67 (0.64–0.72)	26,225	2,216	22.82	0.75 (0.71–0.80)	
	≥160	86,654	1,999	6.09	0.72 (0.68–0.77)	14,138	1,216	23.15	0.78 (0.73–0.84)	
<5 years	<70	90,588	3,517	10.09	1 (ref.)	41,084	4,280	28.17	1 (ref.)	0.397
	70–99	139,989	4,878	8.94	0.90 (0.87–0.94)	65,052	6,491	26.66	0.96 (0.92–0.99)	
	100–129	123,592	4,007	8.28	0.85 (0.82–0.89)	50,530	4,864	25.57	0.91 (0.87–0.94)	
	130–159	71,930	2,208	7.83	0.82 (0.78–0.87)	25,774	2,442	25.04	0.89 (0.85–0.93)	
	≥160	39,775	1,259	8.11	0.85 (0.80–0.91)	11,836	1,178	26.45	0.96 (0.90–1.03)	
5–10 years	<70	71,188	3,217	11.78	1 (ref.)	46,222	5,149	30.32	1 (ref.)	0.002
	70–99	98,573	4,165	10.89	0.95 (0.91–1.00)	66,606	7,098	28.68	0.96 (0.93–0.99)	
	100–129	72,359	3,074	10.90	0.96 (0.91–1.01)	46,713	4,921	28.17	0.92 (0.89–0.96)	
	130–159	32,517	1,390	10.96	0.97 (0.91–1.03)	20,414	2,193	28.69	0.94 (0.89–0.98)	
	≥160	13,148	696	13.70	1.17 (1.08–1.27)	7,675	882	30.76	1.00 (0.93–1.07)	
≥10 years	<70	74,579	4,667	16.66	1 (ref.)	87,762	11,708	37.48	1 (ref.)	<0.001
	70–99	96,107	5,517	15.08	0.95 (0.91–0.99)	111,534	14,182	35.21	0.96 (0.93–0.98)	
	100–129	65,936	3,758	14.87	0.96 (0.92–1.00)	73,426	9,312	35.01	0.95 (0.92–0.97)	
	130–159	28,339	1,791	16.52	1.06 (1.00–1.12)	29,618	4,045	37.76	1.02 (0.98–1.06)	
	≥160	10,776	850	20.96	1.29 (1.19–1.38)	10,498	1,528	40.75	1.09 (1.03–1.15)	

Adjusted for age, sex, body mass index, smoking, drinking, income, hypertension, chronic kidney disease, fasting glucose, dyslipidemia medication, 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.