

Supplementary Table 7. Hazard ratios and 95% confidence intervals for incident heart failure according to the duration of diabetes and LDL-C level (subgroup analysis according to sex)

DM duration	LDL-C, mg/dL	Men				Women				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	47,729	2,619	14.75	1 (ref.)	13,533	793	15.74	1 (ref.)	<0.001
	70–99	114,888	4,577	10.56	0.81 (0.77–0.85)	42,819	1,991	12.33	0.87 (0.80–0.94)	
	100–129	160,739	5,216	8.57	0.72 (0.68–0.75)	65,643	2,634	10.58	0.82 (0.75–0.88)	
	130–159	113,768	3,302	7.66	0.69 (0.66–0.73)	55,927	2,010	9.47	0.76 (0.70–0.83)	
	≥160	59,875	1,852	8.20	0.79 (0.75–0.84)	40,917	1,363	8.78	0.72 (0.66–0.79)	
<5 years	<70	82,297	4,840	15.48	1 (ref.)	49,375	2,957	15.74	1 (ref.)	0.401
	70–99	116,410	6,361	14.22	0.93 (0.90–0.97)	88,631	5,008	14.66	0.94 (0.90–0.98)	
	100–129	100,593	4,963	12.76	0.87 (0.84–0.91)	73,529	3,908	13.69	0.90 (0.86–0.95)	
	130–159	53,914	2,431	11.63	0.83 (0.79–0.88)	43,790	2,219	13.03	0.89 (0.84–0.94)	
	≥160	24,735	1,118	11.73	0.91 (0.85–0.97)	26,876	1,319	12.63	0.91 (0.86–0.97)	
5–10 years	<70	72,470	5,080	18.58	1 (ref.)	44,940	3,286	19.37	1 (ref.)	0.710
	70–99	93,240	6,282	17.67	0.96 (0.93–1.00)	71,939	4,981	18.15	0.95 (0.91–1.00)	
	100–129	67,260	4,345	16.85	0.93 (0.89–0.97)	51,812	3,650	18.35	0.95 (0.91–1.00)	
	130–159	27,699	1,784	16.81	0.94 (0.89–1.00)	25,232	1,799	18.53	0.96 (0.91–1.02)	
	≥160	9,098	658	19.03	1.08 (1.00–1.18)	11,725	920	20.49	1.07 (1.00–1.15)	
≥10 years	<70	96,236	9,478	27.02	1 (ref.)	66,105	6,897	28.54	1 (ref.)	0.635
	70–99	114,363	10,583	25.06	0.96 (0.93–0.98)	93,278	9,116	26.32	0.95 (0.92–0.98)	
	100–129	77,059	6,929	24.21	0.95 (0.92–0.98)	62,303	6,141	26.43	0.96 (0.92–0.99)	
	130–159	29,155	2,783	25.71	1.03 (0.99–1.07)	28,802	3,053	28.45	1.04 (0.99–1.08)	
	≥160	8,985	979	29.91	1.19 (1.11–1.27)	12,289	1,399	30.88	1.13 (1.06–1.19)	

Adjusted for age, 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.