

Supplementary Table 1. Subgroup analyses of the association between the diabetes progression score and risk of severe hypoglycemia according to age, sex, BMI, and history of severe hypoglycemia

	Diabetes progression score	Total (n)	Events (n)	IR	Hazard ratio ^{a)} (95% confidence interval)	p value for interaction
Age groups						0.0284
< 65 yr	0	1,032,265	38	0.04	1 (Ref.)	
	1	320,259	67	0.21	4.75 (3.18, 7.08)	
	2	169,974	83	0.49	10.06 (6.84, 14.81)	
	3	73,909	78	1.06	19.61 (13.25, 29.05)	
	≥ 4	26,352	61	2.33	37.07 (24.50, 56.08)	
≥ 65 yr	0	313,194	62	0.20	1 (Ref.)	
	1	232,524	132	0.57	2.55 (1.89, 3.45)	
	2	163,033	228	1.41	6.13 (4.62, 8.13)	
	3	95,424	213	2.25	9.40 (7.07, 12.51)	
	≥ 4	48,671	224	4.67	17.84 (13.39, 23.76)	
Sex						0.3189
Male	0	860,300	56	0.07	1 (Ref.)	
	1	321,199	96	0.30	3.20 (2.30, 4.46)	
	2	187,701	156	0.84	7.80 (5.72, 10.64)	
	3	89,005	140	1.59	12.78 (9.29, 17.57)	
	≥ 4	37,766	151	4.06	27.15 (19.69, 37.43)	
Female	0	485,159	44	0.09	1 (Ref.)	
	1	231,584	103	0.45	3.47 (2.44, 4.95)	
	2	145,306	155	1.07	7.62 (5.44, 10.68)	
	3	80,328	151	1.89	12.34 (8.79, 17.32)	
	≥ 4	37,257	134	3.63	20.44 (14.45, 28.91)	
BMI						0.0074
< 25 kg/m ²	0	618,703	65	0.11	1 (Ref.)	
	1	275,242	136	0.50	3.28 (2.44, 4.42)	
	2	182,256	206	1.14	6.95 (5.24, 9.22)	
	3	95,898	183	1.93	10.51 (7.87, 14.03)	
	≥ 4	41,755	169	4.11	18.59 (13.82, 25.01)	
≥ 25 kg/m ²	0	726,756	35	0.05	1 (Ref.)	
	1	277,541	63	0.23	3.34 (2.21, 5.06)	
	2	150,751	105	0.70	9.05 (6.15, 13.32)	
	3	73,435	108	1.48	16.86 (11.45, 24.81)	
	≥ 4	33,268	116	3.52	34.49 (23.45, 50.73)	
History of severe hypoglycemia						0.0152
No	0	1,344,659	97	0.07	1 (Ref.)	
	1	551,537	187	0.34	3.31 (2.58, 4.24)	
	2	331,495	290	0.88	7.80 (6.17, 9.86)	
	3	167,839	266	1.60	13.08 (10.30, 16.62)	
	≥ 4	73,746	244	3.35	24.80 (19.40, 31.71)	

Supplementary Table 1. Continued

	Diabetes progression score	Total (n)	Events (n)	IR	Hazard ratio ^{a)} (95% confidence interval)	<i>p</i> value for interaction
Yes	0	800	3	3.80	1 (Ref.)	
	1	1,246	12	9.80	2.17 (0.61, 7.70)	
	2	1,512	21	14.20	3.03 (0.90, 10.17)	
	3	1,494	25	17.16	3.44 (1.04, 11.41)	
	≥ 4	1,277	41	33.38	6.56 (2.03, 21.22)	

IR per 1,000 person-years.

IR, incidence rate; BMI, body mass index.

^{a)}Adjusted for age, sex, body mass index, low income, smoking, alcohol consumption, regular exercise, hypertension, dyslipidemia, history of severe hypoglycemia, and fasting glucose.