Supplementary Table 2. Incidence rates and HRs of depression according to weight changes in patients with and without a history of hospitalization

Weight change (%)	No. of patients	No. of patients with depression	Follow-up duration (person-years)	Incidence rate per 1,000 person-years	HR (95% CI)		
					Model 1[a]	Model 2[b]	Model 3[c]
Without hospitalization							
≥–10	1,455	351	6,862.01	51.1512	1.03 (0.93–1.15)	1.03 (0.92–1.14)	1.03 (0.92–1.14)
<–10 to ≥–5	5,626	1,370	28,308.29	48.3957	1.07 (1.01–1.13)	1.07 (1.01–1.13)	1.07 (1.01–1.13)
<–5 to <5	31,928	6,933	167,253.96	41.4519	1 (Reference)	1 (Reference)	1 (Reference)
≥5 to <10	3,365	813	17,024.33	47.7552	1.13 (1.05–1.22)	1.10 (1.03–1.19)	1.10 (1.03–1.19)
≥10	1,039	260	5,030.68	51.6829	1.12 (0.99–1.26)	1.08 (0.95–1.22)	1.08 (0.95–1.22)
With hospitalization							
≥–10	1,520	486	6,190.47	78.5077	1.17 (1.06–1.28)	1.14 (1.04–1.25)	1.14 (1.04–1.25)
<–10 to ≥–5	3,749	1,162	16,941.01	68.591	1.07 (1.00–1.14)	1.06 (0.99–1.13)	1.06 (0.99–1.13)
<–5 to <5	15,937	4,662	75,400.52	61.8298	1 (Reference)	1 (Reference)	1 (Reference)
≥5 to <10	2,281	682	10,600.28	64.3379	1.04 (0.96–1.13)	1.01 (0.93–1.09)	1.01 (0.93–1.09)
≥10	966	304	4,092.33	74.2854	1.17 (1.05–1.32)	1.11 (0.99–1.25)	1.10 (0.98–1.24)

CI, confidence interval; HR, hazard ratio.
[a]Adjusted for age and sex. [b]Adjusted for age, sex, smoking, alcohol consumption, regular exercise, low-income status, use of insulin, number of oral hypoglycemic agents, diabetes duration, and previous history of hypertension or dyslipidemia. [c]Adjusted for age, sex, smoking, alcohol consumption, regular exercise, low-income status, use of insulin, number of oral hypoglycemic agents, duration of diabetes, previous history of hypertension or dyslipidemia, and baseline body weight.