

Supplementary Table 2. Multivariate logistic regression models to examine the effect of refractory cytomegalovirus disease on new-onset T2DM in various subgroups

		CMV group	Total no.	T2DM no.	Total FU duration, yr	IR ^a of T2DM	Model 1	Model 2	Model 3	P value for interaction
Total	No	-	2,880	63	8,664.4	7.27	1 (reference)	1 (reference)	1 (reference)	-
	Yes	Non-refractory	488	24	1,461.2	16.42	2.26 (1.39–3.57)	2.26 (1.38–3.56)	1.77 (1.07–2.82)	0.256
		Refractory	88	8	220.2	36.34	4.80 (2.12–9.43)	4.84 (2.14–9.53)	4.01 (1.76–7.96)	
Sex										
Male	No	-	1,575	33	4,737.1	6.97	1 (reference)	1 (reference)	1 (reference)	0.256
	Yes	Non-refractory	261	15	769.4	19.49	2.80 (1.48–5.05)	2.80 (1.48–5.07)	2.05 (1.06–3.78)	
		Refractory	54	4	146.3	27.35	3.85 (1.15–9.69)	3.78 (1.13–9.50)	2.75 (0.81–6.70)	
Female	No	-	1,305	30	3,927.3	7.64	1 (reference)	1 (reference)	1 (reference)	0.114
	Yes	Non-refractory	227	9	691.8	13.01	1.72 (0.77–3.47)	1.69 (0.76–3.43)	1.46 (0.64–3.03)	
		Refractory	34	4	73.9	54.14	6.42 (1.91–16.30)	6.88 (2.04–17.53)	6.89 (2.02–17.87)	
Age, yr-old										0.114
<60	No	-	2,060	26	6,357.6	4.09	1 (reference)	1 (reference)	1 (reference)	0.114
	Yes	Non-refractory	345	17	1,062.3	16.00	3.93 (2.09–7.18)	4.04 (2.15–7.38)	3.22 (1.65–6.13)	
		Refractory	67	6	166.6	36.01	8.27 (3.08–18.80)	7.44 (2.77–16.94)	5.72 (2.07–13.52)	
≥60	No	-	820	37	2,306.8	16.04	1 (reference)	1 (reference)	1 (reference)	0.114
	Yes	Non-refractory	143	7	399.0	17.55	1.10 (0.45–2.31)	1.10 (0.45–2.32)	0.98 (0.40–2.07)	
		Refractory	21	2	53.6	37.35	2.25 (0.37–7.36)	2.36 (0.38–7.88)	2.03 (0.33–6.83)	

Values are presented as number or odds ratio (95% confidence interval). Model 1, non-adjusted; Model 2, age- and sex-adjusted; Model 3, age-, sex-, lower income-, hypertension- and dyslipidemia-adjusted.

T2DM, type 2 diabetes mellitus; CMV, cytomegalovirus; FU, follow-up; IR, incidence rate.

^aPer 1,000.