Supplementary Table 16. Time persistence effect on inflammatory liver disease development following zoster vaccination

Time (yr)	Events, n (%)	aHR (95% CI)	
		Model 1[a]	Model 2[b]
< 1			
Unvaccinated	9,265 (1.27)	1.0 (reference)	1.0 (reference)
Vaccinated	8,423 (1.15)	0.91 (0.88 to 0.94)[c]	0.90 (0.87 to 0.92)[c]
1–2			
Unvaccinated	9,405 (1.29)	1.0 (reference)	1.0 (reference)
Vaccinated	8,381 (1.15)	0.89 (0.86 to 0.92)[c]	0.88 (0.86 to 0.91)[c]
2–4			
Unvaccinated	14,720 (2.01)	1.0 (reference)	1.0 (reference)
Vaccinated	12,003 (1.64)	0.85 (0.83 to 0.87)[c]	0.85 (0.83 to 0.87)[c]
4–6			
Unvaccinated	8,120 (1.11)	1.0 (reference)	1.0 (reference)
Vaccinated	6,117 (0.84)	0.87 (0.84 to 0.90)[c]	0.86 (0.83 to 0.89)[c]
6–8			
Unvaccinated	2,262 (0.31)	1.0 (reference)	1.0 (reference)
Vaccinated	1,533 (0.21)	0.84 (0.79 to 0.90)[c]	0.81 (0.76 to 0.86)[c]
≥ 8			
Unvaccinated	74 (0.01)	1.0 (reference)	1.0 (reference)
Vaccinated	45 (0.01)	0.81 (0.56 to 1.17)	0.75 (0.52 to 1.10)

aHR, adjusted hazard ratio; CI, confidence interval.

[a]Models 1: adjusted for age (50–54, 55–59, 60-64, and ≥ 65 years) and sex.

[b]Model 2: adjusted for age (50–54, 55–59, 60-64, and ≥ 65 years); sex; household income (low income, middle income, and high income); region of residence (urban and rural); Charlson comorbidity index (0, 1, and ≥ 2); obesity (underweight [< 18.5 kg/m^2], normal [18.5–22.9 kg/m^2], overweight [23.0–24.9 kg/m^2], and obese [≥ 25.0 kg/m^2]); blood pressure (systolic blood pressure < 140 mmHg and diastolic blood pressure < 90 mmHg and systolic blood pressure ≥ 140 mmHg or diastolic blood pressure ≥ 90 mmHg); fasting blood glucose (< 100 and ≥ 100 mg/dL); glomerular filtration rate (< 60, 60–89, and ≥ 90 mL/min/1.73 m^2); smoking status (non-, ex-, and current smoker); alcohol consumption (drinks; < 1, 1–2, 3–4, and ≥ 5 days per week); aerobic physical activity (sufficient and insufficient); and history of medication use for coronary artery disease, diabetes mellitus, dyslipidemia, and hypertension.

[c]Significant differences ($p < 0.05$).

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