

Vaccine-Induced Immunity

Age(vs <20)

	Case/Control	
20–40	215/465	0.64 (0.46 to 0.89)
40–60	430/721	0.83 (0.61 to 1.14)
>60	483/838	0.80 (0.59 to 1.10)

Sex(vs Male)

	Case/Control	
Female	726/1121	1.37 (1.19 to 1.57)

Otherdisease(vs yes)

	Case/Control	
no	637/1104	1.03 (0.90 to 1.17)

Immune_gap(vs <1 month)

	Case/Control	
1–6 months	277/528	0.65 (0.52 to 0.82)
6–12 months	724/1341	0.67 (0.55 to 0.82)
>1 year	5/14	0.44 (0.21 to 0.95)

Vac_dose(vs 2 doses)

	Case/Control	
3 doses	719/1213	1.08 (0.88 to 1.31)
4 doses	295/568	0.94 (0.76 to 1.17)

S_ab(vs <6000)

	Case/Control	
6000–15000	153/344	0.79 (0.66 to 0.93)
15000–24000	80/128	1.11 (0.85 to 1.43)
>=24000	98/114	1.52 (1.16 to 2.00)

