Appendix 3. Associations with vaccine prescribed or immunisation consultation provided: Univariate and multivariable logistic regression models

Factor group	Covariate	Class	Univariate OR (95% CI)	Univariate P value	Adjusted OR (95% CI)	Adjusted P value
Patient factors	Patient age group	71–75	1.03 (0.96, 1.09)	0.4219	1.01 (0.94, 1.09)	0.702
	Referent: ≤70	76–80	0.90 (0.84, 0.97)	0.0039	0.94 (0.87, 1.02)	0.162
		81–85	0.74 (0.68, 0.80)	<0.0001	0.74 (0.67, 0.82)	<0.001
		≥86	0.73 (0.66, 0.80)	<0.0001	0.73 (0.64, 0.82)	<0.001
	Patient gender	Female	0.91 (0.87, 0.96)	0.0001	0.93 (0.88, 0.98)	0.007
	Aboriginal and Torres Strait Islander peoples	Yes	0.62 (0.50, 0.77)	<0.0001	0.69 (0.50, 0.96)	0.028
	Patient/practice status	New to registrar	2.37 (2.22, 2.53)	<0.0001	2.02 (1.87, 2.18)	<0.001
	Referent: Existing patient	New to practice	1.98 (1.71, 2.28)	<0.0001	2.46 (2.06, 2.94)	<0.001
Registrar factors	Term	Term 2	0.26 (0.22, 0.30)	<0.0001	0.23 (0.19, 0.27)	<0.001
	Referent: Term 1	Term 3	0.85 (0.76, 0.96)	0.0065	0.74 (0.66, 0.84)	<0.001
	Registrar FT or PT	Part-time	1.15 (1.01, 1.32)	0.0398	1.11 (0.96, 1.27)	0.156
Practice factors	Practice size	Small	1.11 (0.98, 1.25)	0.0942	1.18 (1.05, 1.33)	0.004
	Rurality	Inner regional	0.84 (0.73, 0.96)	0.0114	0.86 (0.73, 1.02)	0.082
	Referent: Major city	Outer regional remote, very remote	0.83 (0.68, 1.01)	0.0643	0.75 (0.58, 0.98)	0.034
	RTO Sub-region	RTO Sub-region 2	1.94 (1.55, 2.43)	<0.0001	2.26 (1.69, 3.02)	<0.001
	Referent: RTO Sub-region 1	RTO Sub-region 3	2.30 (1.93, 2.75)	<0.0001	2.83 (2.22, 3.61)	<0.001
		RTO Sub-region 4	2.14 (1.86, 2.47)	<0.0001	1.95 (1.62, 2.35)	<0.001
		RTO Sub-region 5	1.18 (0.75, 1.85)	0.4719	1.58 (0.91, 2.74)	0.106
		RTO Sub-region 6	1.60 (1.33, 1.91)	<0.0001	1.40 (1.11, 1.77)	0.004
		RTO Sub-region 7	0.86 (0.69, 1.08)	0.2045	0.99 (0.74, 1.33)	0.966
	SEIFA index*		1.03 (1.01, 1.06)	0.0094	1.03 (1.01, 1.05)	0.017
Consultation factors	Sought help any source	Other sources	0.46 (0.40, 0.54)	<0.0001	0.60 (0.50, 0.73)	<0.001
	Referent: None	Supervisor	0.15 (0.11, 0.18)	<0.0001	0.25 (0.18, 0.33)	<0.001
	Learning goals generated	Yes	0.18 (0.16, 0.22)	<0.0001	0.26 (0.22, 0.32)	<0.001
	Consultation duration		0.93 (0.93, 0.94)	<0.0001	0.94 (0.94, 0.95)	<0.001
	Number of problems		0.91 (0.89, 0.94)	<0.0001	1.03 (1.00, 1.07)	0.071

*Per decile

CI, confidence interval; FT, full-time; OR, odds ratio; PT, part-time; RTO, Regional Training Organisation; SEIFA, Socio-Economic Indexes for Areas