

Table 5: Multinomial logistic models predicting the likelihood of dual use, exclusive smoking and exclusive vaping in university students in New Zealand at T1 and T2.

		T1 survey			T2 survey		
		OR	95% CI	p-value	OR	95% CI	p-value
Dual use vs non-use	<25 years	Ref			Ref		
	25–34 years	1.49	0.57–3.91	0.415	0.62	0.30–1.25	0.182
	≥35 years	2.14	0.46–9.94	0.330	0.41	0.10–1.78	0.234
	Female	Ref			Ref		
	Male	3.13	1.49–6.56	0.003	4.89	3.08–7.77	<0.001
	Short-term resident	Ref			Ref		
	Long-term resident	0.68	0.22–2.11	0.506	1.13	0.56–2.29	0.726
	NZ European	3.24	0.82–12.79	0.094	1.94	0.92–4.10	0.082
	Māori	1.37	0.40–4.75	0.619	2.43	1.29–4.57	0.006
	Pasifika	0.92	0.11–7.58	0.935	0.61	0.14–2.68	0.510
	Asian	1.23	0.31–4.85	0.770	0.96	0.40–2.30	0.928
	Other	1.49	0.46–4.87	0.508	1.65	0.76–3.59	0.210
Exclusive smoking vs non-use	<25 years	Ref			Ref		
	25–34 years	0.68	0.39–1.19	0.176	1.49	0.89–2.47	0.127
	≥35 years	0.63	0.22–1.82	0.395	0.85	0.33–2.21	0.744
	Female	Ref			Ref		
	Male	2.56	1.82–3.61	<0.001	1.45	1.01–2.09	0.045
	Short-term resident	Ref			Ref		
	Long-term resident	0.89	0.54–1.46	0.634	0.95	0.54–1.66	0.847
	NZ European	0.55	0.28–1.09	0.087	1.14	0.56–2.32	0.716
	Māori	1.15	0.62–2.15	0.656	1.58	0.82–3.01	0.169
	Pasifika	0.75	0.33–1.72	0.500	0.74	0.24–2.27	0.598
	Asian	0.32	0.14–0.71	0.005	0.78	0.35–1.75	0.552
	Other	0.45	0.22–0.93	0.031	1.01	0.48–2.13	0.976

Table 5: Multinomial logistic models predicting the likelihood of dual use, exclusive smoking and exclusive vaping in university students in New Zealand at T1 and T2 (continued).

		T1 survey			T2 survey		
		OR	95% CI	p-value	OR	95% CI	p-value
Exclusive vaping vs non-use	<25 years	Ref			Ref		
	25-34 years	1.90	1.07–3.39	0.029	0.47	0.23–0.98	0.044
	≥35 years*	2.74	1.09–6.90	0.032	-	-	-
	Female	Ref			Ref		
	Male	1.99	1.29–3.06	0.002	2.36	1.68–3.33	<0.001
	Short-term resident	Ref			Ref		
	Long-term resident	2.94	1.34–6.44	0.007	2.24	1.08–4.65	0.030
	NZ European	0.94	0.42–2.12	0.882	3.62	1.90–6.90	<0.001
	Māori	1.28	0.62–2.62	0.509	1.00	0.51–1.94	0.999
	Pasifika	0.35	0.08–1.59	0.172	1.17	0.44–3.14	0.751
	Asian	0.58	0.22–1.48	0.251	0.91	0.41–1.99	0.805
	Other	0.76	0.34–1.74	0.519	2.56	1.40–4.70	0.002

*Maximum likelihood estimates for ≥35-year-olds were unable to be calculated for T2 survey because of quasi-complete separation in the data. This was because no ≥35-year-old responded that they exclusively vaped.