



Appendix 4

**This appendix was part of the submitted manuscript and has been peer reviewed.
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Appendix to: Nicholson AK, Borland R, Couzos S, et al. Smoking-related knowledge and health risk beliefs in a national sample of Aboriginal and Torres Strait Islander people. *Med J Aust* 2015; 202 (10 Suppl): S45-S50. doi: 10.5694/mja14.00877.

Appendix 4. Association between smoke-related knowledge and health risk beliefs in a national sample of Aboriginal and Torres Strait Islander smokers¹

Knowledge measures	Risk minimisation			Health worry		
	% (frequency) ²	Adjusted Odds Ratio (95% CI) ³	p value ⁴	% (frequency)	Adjusted Odds Ratio (95% CI)	p value
Direct smoking-related harm						
0-3 of 4 items correct	44% (278)	1	<i>p</i> =0.96	32% (198)	1	<i>p</i> =0.18
All 4 of 4 items correct	45% (452)	1.01 (0.80-1.26)		37% (368)	1.19 (0.93-1.52)	
Effects of second hand smoke						
0 -2 of 3 items correct	43% (100)	1	<i>p</i> =0.76	12% (28)	1	<i>p</i> <0.001
All 3 of 3 items correct	45% (631)	1.06 (0.74-1.51)		39% (538)	4.74 (3.01-7.45)	

¹ Results are from the Talking About the Smokes baseline sample of current smokers, (n=1,643).

² Percentages exclude refused responses (all variables) and don't know response (with the exception of knowledge questions, where don't know is coded as incorrect).

³ Adjusted Odds Ratios (95% CIs) control for daily smoking and key socio-demographic variables (age, sex, identification as Aboriginal and/or Torres Strait Islander, labour force status, highest level of education, remoteness and area-level disadvantage).

⁴ p values reported for overall variable significance, using adjusted Wald tests.