



Appendix 1

**This appendix was part of the submitted manuscript and has been peer reviewed.
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Appendix to: Nicholson AK, Borland R, Davey ME, et al. Predictors of wanting to quit in a national sample of Aboriginal and Torres Strait Islander smokers. *Med J Aust* 2015; 202 (10 Suppl): S26-S32.
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Appendix 1: Predictor variables assessed for association with wanting to quit, including grouping for multivariable analyses

<p>Group 1: Socio-demographic factors</p>	<ul style="list-style-type: none"> • Sex (reference category: male) • Age: i) 18-24, ii) 25-34, iii) 35-44, iv) 45-54, v) 55 and up • Indigenous status: Aboriginal, Torres Strait Islander, both Aboriginal and Torres Strait Islander • Currently employed: employed vs. unemployed or not in the labour force • Completed year 12 or higher: highest level of education to year or above, vs. less than high school • Remoteness: i) city, ii) inner or outer regional iii) remote or very remote • Area-level disadvantage. Socio-economic Index for Areas (SEIFA) : most deprived quintiles (Q1-3) vs. least deprived (Q4-5) • Perceived racism (last year). Treated unfairly because Aboriginal and/or Torres Strait Islander: yes (ever) vs. no or don't know *
<p>Group 2: Policy-relevant exposure</p>	<ul style="list-style-type: none"> • Dedicated tobacco control staff or funding at the health service (Project site): yes vs. no. • Advised to quit by health professional (last year): yes vs. no (no appointment, or not asked if smokes or advised to quit) • How often warning labels recalled (last month): i) never ii) sometimes or don't now iii) often • How often news stories recalled (last 6 months): i) never ii) sometimes or don't now iii) often • How often advertising or information recalled (last 6 months): i) never ii) sometimes or don't now iii) often • Noticed targeted advertising (last 6 months): yes vs. no • Noticed local advertising (last 6 months): yes vs. no
<p>Group 3: Contextual factors (other moderators)</p>	<ul style="list-style-type: none"> • Cigarettes per day: non-daily/up to 20/more than 20 • High nicotine dependence on Heaviness of Smoking Index (HSI): yes (HSI: 4-6) vs. no (HSI<4, including non-daily smokers) • First cigarette within 30minutes of waking : yes vs. no • Many strong urges to smoke daily: yes vs. no (less often, or don't know) • Perceives quitting will be very hard: yes vs. no (less hard, or don't know) • In the last 6 months, has there been a time when the money you spent on smokes meant not having enough money for food or other household essentials?(Smoking induced deprivation): yes vs. no • Self-assessed health fair or poor: yes (fair or poor) vs. no (good or better) • Down or depressed (last month): yes /no • Satisfied with life: yes/no • Risky alcohol intake (binge drinking) weekly: yes (at least weekly) vs. less often or never • How often in control of important things (last 6 months): i) never, ii) sometimes or don't know, iii) often • How often too many worries (last 6 months): i) never, ii) sometimes or don't know, iii) often • Often unable to buy smokes because out of money (financial stress): yes vs. no or don't know • Support to quit from family and friends: yes vs. no or don't know • Number of 5 closest family and friends who smoke: i) few (0-1), ii) some (2-3, or don't know), iii) most (4-5) • Smoking status of closest other: i) smoker, ii) recent quitter, iii) other (never-smoker, ex-smoker quit >1 yr., or don't know) • Infants or children at home: i) no children, ii) one or more children 1-18 years (no infants), iii) children including infant/s <1 year old • Smoke-free home (an effective indoor ban): yes vs. no or don't know • Smoke-free workplace: i) unemployed, ii) employed at workplace without an indoor smoking ban,, or where smoking rules not known, iii) employed at workplace with an indoor smoking ban
<p>Group 4: Policy-relevant attitudes and beliefs (mediators)</p>	<ul style="list-style-type: none"> • Agree "You enjoy smoking" : yes vs. no (neutral/don't know/disagree) • Agree "Smoking is an important part of your life" : yes vs. no (neutral/don't know/disagree) • Agree "Smoking calms you down when you are stressed or upset" yes vs. no (neutral/don't know/disagree) • Agree "You spend too much money on cigarettes:" : yes vs. no (neutral/don't know/disagree) • Agree "If you had to do it over again, you would not have started smoking" : yes vs. no (neutral/don't know/disagree) • Agree "There are fewer and fewer places you feel comfortable smoking" : yes vs. no (neutral/don't know/disagree) • Agree "Mainstream society disapproves of smoking" : yes vs. no (neutral/don't know/disagree) • Agree "Aboriginal and Torres Strait Islander community leaders where you live disapprove of smoking" : yes vs. no (neutral/don't know/disagree) • Agree "Being a non smoker sets a good example to children: agree vs. neutral/don't know/disagree" : yes vs. no (neutral/don't know/disagree) • Agree "Smoking is not very risky when you think about all the things that people do" : yes vs. no (neutral/don't know/disagree) • Very worried about future health effects of smoking: yes vs. no (less worried, or don't know) • High perceived benefit from quitting: yes vs. no (less perceived benefit, or don't know) • Correct answers to all (4/4) questions on direct harms of smoking: yes (to smoking causes lung cancer; causes heart disease; makes diabetes worse; causes low birthweight) vs. no (fewer than all correct) • Agree with both (2/2) questions on dangers of secondhand smoke: yes (agree that secondhand smoke : is dangerous to non-smokers; is dangerous to children) vs. no
<p>Quitting history (univariate associations only)</p>	<ul style="list-style-type: none"> • Number of previous quit attempts: none, 1-2, 3-4, 5 or more • Tried to quit in the past year: yes vs. no • Tried to quit in the past 5 years: yes vs. no • Duration of longest quit attempt: i) <1 week, ii) ≥1 week & < 1 month, iii) ≥1 month & < 6 months, iv) 6 months and <1 year, v) 1 year or more • Duration of most recent quit attempt (categories): i) <24hrs, ii) ≥1 day & <1 week, iii) ≥1 week & < 1 month, iv) ≥1 month & < 6 months, v) 6 months and <1 year, vi) 1 year or more • Stubbed out a cigarette because of thoughts about harm (last month): yes vs. no • Cut down cigarettes smoked in the last month: yes vs. no • Has forgone a cigarette because of warning labels (last month): yes vs. no