

Supplemental Table A: Sensitivity Analyses: Predictors of completing follow up, treating all loss to follow up as continued smokers, alternative definitions of quitting, and restricting analyses to those who did not purchase menthol

Outcome:	Completed follow up	Quit with Lost to follow up treated as continued smokers	One month not smoking	Six months not smoking	Quit among those who did not purchase menthol cigarettes post ban
Occasional Menthol	1.38*** [1.21,1.57]	1.49 [0.99,2.25]	1.11 [0.75,1.64]	1.18 [0.76,1.83]	1.43 [0.95,2.14]
Daily Menthol	1.46*** [1.27,1.68]	2.34*** [1.51,3.62]	1.56* [1.04,2.35]	1.61* [1.02,2.55]	2.39*** [1.56,3.65]
Age	1 [1.00,1.00]	1 [0.98,1.01]	1 [0.98,1.01]	1 [0.98,1.01]	1 [0.99,1.01]
Sex (vs. Female)	0.97 [0.89,1.06]	1.08 [0.82,1.42]	1.12 [0.86,1.47]	1.03 [0.76,1.39]	1.05 [0.79,1.40]
White (vs. Non White)	0.99 [0.88,1.11]	1.02 [0.71,1.46]	1.01 [0.72,1.44]	0.91 [0.62,1.32]	1.1 [0.76,1.60]
More than high school education (vs less than)	1.23*** [1.11,1.37]	1.52* [1.06,2.18]	1.29 [0.92,1.82]	1.24 [0.85,1.82]	1.08 [0.76,1.53]
Non daily smoking (vs Daily)	1.01 [0.87,1.18]	2.09*** [1.38,3.17]	2.06*** [1.39,3.06]	1.93** [1.21,3.06]	1.87** [1.23,2.85]
Cigarettes per day	1 [1.00,1.01]	0.99 [0.97,1.01]	0.99 [0.97,1.01]	0.99 [0.97,1.01]	0.98 [0.96,1.00]
Use e-cigarette after ban			1.17	1.23	1.2

			[0.87,1.58]	[0.88,1.72]	[0.87,1.66]
Used cigar after ban			1.07 [0.75,1.51]	1.19 [0.79,1.80]	1.02 [0.71,1.47]
Convenience sample (vs. telephone)	1.29*** [1.14,1.46]	1.36 [0.94,1.97]	1.15 [0.84,1.56]	1.25 [0.88,1.77]	1.06 [0.77,1.47]
Date	1 [1.00,1.00]	1 [0.99,1.01]	1 [1.00,1.00]	1 [1.00,1.00]	1 [1.00,1.00]
N	1763	1763	913	913	711

Exponentiated coefficients; 95% confidence intervals in brackets

* p<0.05, **p<0.01, *** p<0.001

Supplemental Table B: Subgroup analyses of associations between menthol smoking status prior to menthol ban and post-ban quit in Ontario, Canada, using Poisson regression with robust variance estimation, 2016-2018.

	Female	Male	Age <30	Age 30 and older	Non White	White	Daily Smoker	Occasional Smoker	Follow up assessed within 408 days or less post ban	Follow up assessed more than 408 days post ban	
Occasional Menthol	1.47* [1.05,2.07]	1.24 [0.73,2.09]	0.95 [0.51,1.77]	0.67 [0.24,1.83]	1.19 [0.79,1.80]	1.09 [0.32,3.74]	1.08 [0.72,1.63]	1.08 [0.70,1.65]	1.24 [0.46,3.29]	1.57 [0.74,3.32]	0.95 [0.53,1.71]
Daily Menthol	1.71** [1.17,2.51]	1.55 [0.91,2.65]	1.6 [0.84,3.04]	1.34 [0.39,4.60]	1.62* [1.05,2.48]	2.03 [0.60,6.89]	1.55* [1.00,2.39]	1.62* [1.07,2.45]	1 [1.00,1.00]	3.17** [1.51,6.66]	0.76 [0.38,1.53]
Age	1 [0.99,1.02]	0.99 [0.97,1.00]	0.97 [0.87,1.07]	0.99 [0.98,1.01]	1 [0.97,1.03]	0.99 [0.98,1.01]	1 [0.99,1.01]	0.98* [0.96,1.00]	0.99 [0.98,1.01]	1 [0.98,1.02]	
Sex (vs. Female)			1.12 [0.61,2.07]	1.17 [0.87,1.57]	1.06 [0.51,2.21]	1.13 [0.84,1.51]	1.21 [0.90,1.63]	0.87 [0.45,1.69]	1.02 [0.73,1.43]	1.23 [0.81,1.87]	
White (vs. Non White)	0.95 [0.59,1.53]	1.05 [0.63,1.75]	0.94 [0.51,1.73]	1.01 [0.66,1.54]			0.96 [0.65,1.42]	0.99 [0.45,2.18]	0.89 [0.59,1.34]	1.08 [0.60,1.97]	
More than high school education (vs less than)	1.22 [0.77,1.94]	1.26 [0.76,2.07]	0.87 [0.41,1.83]	1.38 [0.94,2.03]	0.97 [0.46,2.02]	1.33 [0.92,1.94]	1.35 [0.93,1.96]	1.03 [0.56,1.87]	1.16 [0.72,1.86]	1.32 [0.81,2.15]	
Non daily smoking (vs Daily)	1.85* [1.08,3.17]	2.00* [1.14,3.51]	1.97 [0.89,4.38]	2.11** [1.32,3.38]	1.51 [0.58,3.95]	2.33*** [1.52,3.56]			2.90*** [1.82,4.62]	0.88 [0.40,1.94]	
Cigarettes per day	0.97 [0.94,1.00]	1 [0.99,1.02]	0.98 [0.94,1.02]	0.99 [0.97,1.01]	0.94** [0.90,0.98]	1 [0.98,1.02]	0.99 [0.97,1.01]	1.02 [0.97,1.06]	1.01 [0.99,1.02]	0.96* [0.94,0.99]	
Use e-cigarette after ban	0.94 [0.64,1.39]	1.61* [1.03,2.52]	1.87* [1.00,3.49]	1.06 [0.76,1.47]	0.91 [0.45,1.84]	1.25 [0.89,1.73]	1.11 [0.79,1.56]	1.5 [0.83,2.72]	1.03 [0.73,1.46]	1.59 [0.93,2.72]	

Used cigar after ban	0.93 [0.55,1.57]	1.13 [0.72,1.77]	1.09 [0.52,2.28]	1.08 [0.72,1.62]	0.93 [0.40,2.14]	1.07 [0.73,1.57]	1.19 [0.78,1.82]	0.76 [0.39,1.47]	1 [0.68,1.48]	1.04 [0.52,2.07]	
Convenience sample (vs. telephone)	1.08 [0.72,1.63]	1.35 [0.83,2.19]	1.22 [0.56,2.64]	1.17 [0.83,1.65]	1.31 [0.67,2.56]	1.19 [0.84,1.68]	1.3 [0.92,1.83]	0.84 [0.43,1.64]	0.93 [0.62,1.39]	1.53 [0.87,2.70]	
Date	1 [1.00,1.00]	1 [1.00,1.00]	1 [0.99,1.00]	1 [1.00,1.00]	1 [0.99,1.00]	1 [1.00,1.00]	1 [1.00,1.00]	1 [0.99,1.00]	0.95* [0.91,1.00]	1 [1.00,1.01]	
	913	527	380	143	770	153	760	824	89	474	439

Exponentiated coefficients; 95% confidence intervals in brackets

* p<0.05, **p<0.01, *** p<0.001

Supplemental Table C: Subgroup analyses of associations between menthol smoking status prior to menthol ban and post-ban quit attempts in Ontario, Canada, using Poisson regression with robust variance estimation, 2016-2018.

	Crude	Adjusted	Female	Male	Age <30	Age 30 and older	Non White	White	Daily Smoker	Occasional Smoker	Follow up assessed within 408 days or less post ban	Follow up assessed more than 408 days post ban
Occasional Menthol	1.44*** [1.24,1.66]	1.09 [0.92,1.30]	1.16 [0.91,1.49]	1 [0.78,1.29]	0.65 [0.40,1.08]	1.15 [0.96,1.38]	0.87 [0.57,1.34]	1.13 [0.93,1.36]	1.13 [0.93,1.37]	0.92 [0.75,1.14]	1.22 [0.93,1.61]	1.16 [0.91,1.49]
Daily Menthol	1.45*** [1.23,1.72]	1.25* [1.03,1.50]	1.27 [0.98,1.65]	1.2 [0.91,1.57]	0.88 [0.48,1.61]	1.25* [1.03,1.53]	1.07 [0.67,1.72]	1.26* [1.03,1.55]	1.27* [1.04,1.54]		1.56** [1.17,2.07]	1.03 [0.77,1.37]
Age		1.01** [1.00,1.01]	1.01 [1.00,1.01]	1 [1.00,1.01]	0.99 [0.95,1.03]	1.01* [1.00,1.01]	1.01 [1.00,1.02]	1.01* [1.00,1.01]	1.01** [1.00,1.01]	1 [1.00,1.01]	1 [1.00,1.01]	1.01** [1.00,1.02]
Sex (vs. Female)												
White (vs. Non White)		1.14* [1.02,1.27]			1.16 [0.90,1.49]	1.16* [1.03,1.31]	1 [0.77,1.29]	1.17** [1.04,1.32]	1.16* [1.03,1.31]	0.98 [0.82,1.16]	1.17* [1.03,1.34]	1.04 [0.87,1.25]
More than high school education (vs less than)		0.96 [0.83,1.11]	0.91 [0.74,1.12]	1.03 [0.85,1.25]	0.97 [0.77,1.23]	0.94 [0.79,1.12]			0.94 [0.80,1.11]	1.16 [0.89,1.51]	1.03 [0.86,1.23]	0.82 [0.65,1.04]
Non daily smoking (vs Daily)		1.09 [0.95,1.26]	1.04 [0.86,1.26]	1.13 [0.92,1.37]	1.06 [0.74,1.49]	1.12 [0.96,1.30]	0.83 [0.61,1.13]	1.16 [0.99,1.35]	1.1 [0.95,1.28]	1.1 [0.85,1.41]	1.12 [0.93,1.34]	1.07 [0.87,1.32]
Cigarettes per day		1.35*** [1.17,1.55]	1.45*** [1.19,1.78]	1.22 [0.99,1.49]	1.19 [0.85,1.66]	1.35*** [1.16,1.58]	1.07 [0.77,1.49]	1.43*** [1.22,1.67]			1.53*** [1.30,1.80]	1.07 [0.81,1.43]
Use e-cigarette after ban		0.99*** [0.98,0.99]	0.99 [0.98,1.00]	0.98** [0.98,0.99]	0.98* [0.96,1.00]	0.99** [0.98,1.00]	0.97** [0.95,0.99]	0.99* [0.98,1.00]	0.99*** [0.98,0.99]	1 [0.99,1.01]	1 [0.99,1.00]	0.97*** [0.96,0.98]
Used cigar after ban		0.93 [0.83,1.04]	0.9 [0.77,1.06]	0.94 [0.80,1.10]	1.19 [0.93,1.53]	0.89 [0.78,1.00]	0.91 [0.70,1.18]	0.92 [0.81,1.04]	0.9 [0.79,1.03]	1.06 [0.90,1.24]	0.96 [0.84,1.10]	0.86 [0.71,1.04]

		0.96	0.97	0.94	0.77	1.02	0.73*	1.02	0.98	0.91	1.01	0.84
		[0.84,1.09]	[0.78,1.21]	[0.81,1.11]	[0.59,1.01]	[0.88,1.19]	[0.55,0.98]	[0.88,1.19]	[0.84,1.14]	[0.75,1.11]	[0.86,1.18]	[0.65,1.08]
Convenience sample (vs. telephone)												
		1.52***	1.42***	1.69***	1.63*	1.53***	1.58**	1.53***	1.57***	1.08	1.58***	1.51***
		[1.31,1.76]	[1.17,1.73]	[1.36,2.10]	[1.09,2.43]	[1.30,1.80]	[1.14,2.20]	[1.29,1.80]	[1.34,1.85]	[0.84,1.38]	[1.25,1.99]	[1.19,1.92]
Date												
		1	1	1	1	1	1	1	1	1	1.01	1
		[1.00,1.00]	[1.00,1.00]	[1.00,1.00]	[1.00,1.00]	[1.00,1.00]	[1.00,1.00]	[1.00,1.00]	[1.00,1.00]	[1.00,1.00]	[1.00,1.02]	[1.00,1.00]
N	913	913	527	380	143	770	153	760	824	89	474	439
Exponentiated coefficients; 95% confidence intervals in brackets												
* p<0.05, **p<0.01, *** p<0.001												