Supplemental Table 1a. Demographics for all variables included in the multivariable linear regression model, Canada, 2020-21, age 16-25. N=3082.

|  | Total | Never-use of both smoking and vaping | Non-daily ever-use of either smoking or vaping | Daily vaping, nondaily/nev er smoking | Daily smoking, nondaily/nev er vaping | Daily vaping, daily smoking |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathrm{N}=3,082$ | $\mathrm{N}=825$ | $\mathrm{N}=1,303$ | $\mathrm{N}=820$ | $\mathrm{N}=92$ | $\mathrm{N}=42$ |
| Age | 19.6 (2.7) | 18.8 (2.6) | 20.1 (2.8) | 19.6 (2.5) | 21.6 (2.6) | 19.6 (2.5) |
| 16-19 | $\begin{aligned} & 1,689 \\ & (54.8 \%) \end{aligned}$ | $\begin{aligned} & 561 \\ & (68.0 \%) \end{aligned}$ | $\begin{aligned} & 634 \\ & (48.7 \%) \end{aligned}$ | $\begin{aligned} & 448 \\ & (54.6 \%) \end{aligned}$ | 22 (23.9\%) | 24 (57.1\%) |
| 20-25 | $\begin{aligned} & 1,393 \\ & (45.2 \%) \end{aligned}$ | $\begin{aligned} & 264 \\ & (32.0 \%) \end{aligned}$ | $\begin{aligned} & 669 \\ & (51.3 \%) \end{aligned}$ | $\begin{aligned} & 372 \\ & (45.4 \%) \end{aligned}$ | 70 (76.1\%) | 18 (42.9\%) |
| Sex |  |  |  |  |  |  |
| Male | $\begin{aligned} & 593 \\ & (19.4 \%) \end{aligned}$ | $\begin{aligned} & 116 \\ & (14.2 \%) \end{aligned}$ | $\begin{aligned} & 219 \\ & (17.0 \%) \end{aligned}$ | $\begin{aligned} & 227 \\ & (28.0 \%) \end{aligned}$ | 17 (18.9\%) | 14 (33.3\%) |
| Female | $\begin{aligned} & \hline 2,456 \\ & (80.6 \%) \end{aligned}$ | $\begin{aligned} & 701 \\ & \text { (85.8\%) } \end{aligned}$ | $\begin{aligned} & 1,071 \\ & (83.0 \%) \end{aligned}$ | $\begin{aligned} & \hline 583 \\ & (72.0 \%) \end{aligned}$ | 73 (81.1\%) | 28 (66.7\%) |
| Race |  |  |  |  |  |  |
| White | $\begin{aligned} & \text { 2,270 } \\ & (73.7 \%) \end{aligned}$ | $\begin{aligned} & 494 \\ & \text { (59.9\%) } \end{aligned}$ | $\begin{aligned} & 983 \\ & (75.4 \%) \end{aligned}$ | $\begin{aligned} & 682 \\ & (83.2 \%) \end{aligned}$ | 78 (84.8\%) | 33 (78.6\%) |
| Black | 62 (2.0\%) | 22 (2.7\%) | 32 (2.5\%) | 8 (1.0\%) | 0 (0.0\%) | 0 (0.0\%) |
| Chinese | 201 (6.5\%) | $\begin{aligned} & 109 \\ & (13.2 \%) \end{aligned}$ | 72 (5.5\%) | 20 (2.4\%) | 0 (0.0\%) | 0 (0.0\%) |
| Filipino | 43 (1.4\%) | 18 (2.2\%) | 15 (1.2\%) | 10 (1.2\%) | 0 (0.0\%) | 0 (0.0\%) |
| Indigenous | 63 (2.0\%) | 5 (0.6\%) | 26 (2.0\%) | 22 (2.7\%) | 6 (6.5\%) | 4 (9.5\%) |
| Japanese | 4 (0.1\%) | 0 (0.0\%) | 3 (0.2\%) | 1 (0.1\%) | 0 (0.0\%) | 0 (0.0\%) |
| Korean | 19 (0.6\%) | 7 (0.8\%) | 7 (0.5\%) | 4 (0.5\%) | 1 (1.1\%) | 0 (0.0\%) |
| Latin-Central-South American | 55 (1.8\%) | 12 (1.5\%) | 29 (2.2\%) | 11 (1.3\%) | 2 (2.2\%) | 1 (2.4\%) |
| Southeast Asian | 38 (1.2\%) | 21 (2.5\%) | 12 (0.9\%) | 5 (0.6\%) | 0 (0.0\%) | 0 (0.0\%) |


| South Asian | 182 (5.9\%) | 99 (12.0\%) | 65 (5.0\%) | 16 (2.0\%) | 2 (2.2\%) | 0 (0.0\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| West Asian or Arab | 56 (1.8\%) | 14 (1.7\%) | 30 (2.3\%) | 9 (1.1\%) | 1 (1.1\%) | 2 (4.8\%) |
| Other | 89 (2.9\%) | 24 (2.9\%) | 29 (2.2\%) | 32 (3.9\%) | 2 (2.2\%) | 2 (4.8\%) |
| Province |  |  |  |  |  |  |
| Ontario | $\begin{aligned} & \hline 1,531 \\ & (49.7 \%) \end{aligned}$ | $\begin{aligned} & \hline 478 \\ & (57.9 \%) \end{aligned}$ | $\begin{aligned} & \hline 664 \\ & (51.0 \%) \end{aligned}$ | $\begin{aligned} & \hline 322 \\ & (39.3 \%) \end{aligned}$ | 49 (53.3\%) | 18 (42.9\%) |
| Alberta | $\begin{aligned} & 496 \\ & (16.1 \%) \end{aligned}$ | $\begin{aligned} & \hline 104 \\ & (12.6 \%) \end{aligned}$ | $\begin{aligned} & \hline 203 \\ & (15.6 \%) \end{aligned}$ | $\begin{array}{\|l\|} \hline 168 \\ (20.5 \%) \end{array}$ | 15 (16.3\%) | 6 (14.3\%) |
| British Columbia | $\begin{aligned} & 483 \\ & (15.7 \%) \end{aligned}$ | $\begin{aligned} & 111 \\ & (13.5 \%) \end{aligned}$ | $\begin{aligned} & 210 \\ & (16.1 \%) \end{aligned}$ | $\begin{aligned} & \hline 144 \\ & (17.6 \%) \end{aligned}$ | 10 (10.9\%) | 8 (19.0\%) |
| Manitoba | 116 (3.8\%) | 25 (3.0\%) | 52 (4.0\%) | 32 (3.9\%) | 6 (6.5\%) | 1 (2.4\%) |
| New Brunswick | 53 (1.7\%) | 15 (1.8\%) | 14 (1.1\%) | 22 (2.7\%) | 2 (2.2\%) | 0 (0.0\%) |
| Newfoundland and Labrador | 40 (1.3\%) | 6 (0.7\%) | 16 (1.2\%) | 17 (2.1\%) | 0 (0.0\%) | 1 (2.4\%) |
| Nova Scotia | 102 (3.3\%) | 27 (3.3\%) | 47 (3.6\%) | 24 (2.9\%) | 2 (2.2\%) | 2 (4.8\%) |
| Prince Edward Island | 16 (0.5\%) | 2 (0.2\%) | 5 (0.4\%) | 9 (1.1\%) | 0 (0.0\%) | 0 (0.0\%) |
| Quebec | 129 (4.2\%) | 28 (3.4\%) | 59 (4.5\%) | 34 (4.1\%) | 3 (3.3\%) | 5 (11.9\%) |
| Saskatchewan | 113 (3.7\%) | 27 (3.3\%) | 33 (2.5\%) | 47 (5.7\%) | 5 (5.4\%) | 1 (2.4\%) |
| Northwest Territories | 2 (0.1\%) | 1 (0.1\%) | 0 (0.0\%) | 1 (0.1\%) | 0 (0.0\%) | 0 (0.0\%) |
| Yukon | 1 (0.0\%) | 1 (0.1\%) | 0 (0.0\%) | 0 (0.0\%) | 0 (0.0\%) | 0 (0.0\%) |
| Highest education level |  |  |  |  |  |  |
| Some elementary or high school | $\begin{aligned} & \hline 764 \\ & (24.8 \%) \end{aligned}$ | $\begin{array}{\|l\|} \hline 286 \\ (34.7 \%) \end{array}$ | $\begin{aligned} & \hline 261 \\ & (20.0 \%) \end{aligned}$ | $\begin{aligned} & \hline 185 \\ & (22.6 \%) \end{aligned}$ | 21 (22.8\%) | 11 (26.2\%) |
| Completed High school | $\begin{aligned} & \hline 1,489 \\ & (48.3 \%) \end{aligned}$ | $\begin{aligned} & \hline 356 \\ & (43.2 \%) \end{aligned}$ | $\begin{aligned} & \hline 604 \\ & (46.4 \%) \end{aligned}$ | $\begin{aligned} & \hline 469 \\ & (57.2 \%) \end{aligned}$ | 40 (43.5\%) | 20 (47.6\%) |
| College diploma | 268 (8.7\%) | 33 (4.0\%) | $\begin{aligned} & \hline 133 \\ & (10.2 \%) \end{aligned}$ | 79 (9.6\%) | 18 (19.6\%) | 5 (11.9\%) |
| University or post graduate degree | $\begin{aligned} & 561 \\ & (18.2 \%) \end{aligned}$ | $\begin{array}{\|l\|} \hline 150 \\ (18.2 \%) \end{array}$ | $\begin{aligned} & 305 \\ & (23.4 \%) \end{aligned}$ | 87 (10.6\%) | 13 (14.1\%) | 6 (14.3\%) |
| Marital status |  |  |  |  |  |  |


| Single | $\begin{aligned} & \hline 2,577 \\ & (83.6 \%) \end{aligned}$ | $\begin{aligned} & \hline 768 \\ & \text { (93.1\%) } \end{aligned}$ | $\begin{aligned} & \hline 1,058 \\ & (81.2 \%) \end{aligned}$ | $\begin{aligned} & \hline 658 \\ & (80.2 \%) \end{aligned}$ | 63 (68.5\%) | 30 (71.4\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Married or living with a partner | $\begin{aligned} & \hline 501 \\ & (16.3 \%) \end{aligned}$ | 55 (6.7\%) | $\begin{aligned} & \hline 244 \\ & (18.7 \%) \end{aligned}$ | $\begin{aligned} & \hline 162 \\ & (19.8 \%) \end{aligned}$ | 28 (30.4\%) | 12 (28.6\%) |
| Divorced/Separated/ Widowed | 4 (0.1\%) | 2 (0.2\%) | 1 (0.1\%) | 0 (0.0\%) | 1 (1.1\%) | 0 (0.0\%) |
| Parental status |  |  |  |  |  |  |
| Yes | 60 (1.9\%) | 4 (0.5\%) | 28 (2.1\%) | 20 (2.4\%) | 8 (8.7\%) | 0 (0.0\%) |
| No | $\begin{aligned} & \hline 3,022 \\ & (98.1 \%) \end{aligned}$ | $\begin{aligned} & \hline 821 \\ & (99.5 \%) \end{aligned}$ | $\begin{aligned} & \hline 1,275 \\ & (97.9 \%) \end{aligned}$ | $\begin{aligned} & \hline 800 \\ & (97.6 \%) \end{aligned}$ | 84 (91.3\%) | $\begin{aligned} & 42 \\ & (100.0 \%) \end{aligned}$ |
| Vaping device type (last used) |  |  |  |  |  |  |
| Modifiable/tubular device | $\begin{aligned} & \hline 331 \\ & (15.9 \%) \end{aligned}$ |  | $\begin{aligned} & \hline 180 \\ & (15.6 \%) \end{aligned}$ | $\begin{aligned} & \hline 122 \\ & (15.2 \%) \end{aligned}$ | 23 (25.8\%) | 6 (14.3\%) |
| Pod system | $\begin{aligned} & \hline 1,426 \\ & (68.3 \%) \end{aligned}$ |  | $\begin{aligned} & \hline 753 \\ & \text { (65.1\%) } \end{aligned}$ | $\begin{aligned} & \hline 599 \\ & (74.9 \%) \end{aligned}$ | 47 (52.8\%) | 27 (64.3\%) |
| Other ${ }^{1}$ | $\begin{aligned} & \hline 331 \\ & (15.9 \%) \end{aligned}$ |  | $\begin{aligned} & \hline 224 \\ & (19.4 \%) \end{aligned}$ | 79 (9.9\%) | 19 (21.3\%) | 9 (21.4\%) |
| E-liquid flavour (last used) |  |  |  |  |  |  |
| Fruit/Candy/Dessert/F ood | $\begin{aligned} & \hline 1,351 \\ & (64.0 \%) \end{aligned}$ |  | $\begin{aligned} & \hline 737 \\ & (62.5 \%) \end{aligned}$ | $\begin{aligned} & \hline 531 \\ & (66.5 \%) \end{aligned}$ | 54 (60.7\%) | 29 (69.0\%) |
| Beverage | 35 (1.7\%) |  | 23 (1.9\%) | 9 (1.1\%) | 1 (1.1\%) | 2 (4.8\%) |
| Mint/Menthol | $\begin{aligned} & \hline 387 \\ & (18.3 \%) \end{aligned}$ |  | $\begin{aligned} & \hline 175 \\ & (14.8 \%) \end{aligned}$ | $\begin{aligned} & \hline 192 \\ & (24.0 \%) \end{aligned}$ | 13 (14.6\%) | 7 (16.7\%) |
| Tobacco | 59 (2.8\%) |  | 23 (1.9\%) | 25 (3.1\%) | 8 (9.0\%) | 3 (7.1\%) |
| Other | 82 (3.9\%) |  | 42 (3.6\%) | 34 (4.3\%) | 5 (5.6\%) | 1 (2.4\%) |
| I don't know | 196 (9.3\%) |  | $\begin{aligned} & \hline 180 \\ & (15.3 \%) \end{aligned}$ | 8 (1.0\%) | 8 (9.0\%) | 0 (0.0\%) |
| How often do you currently vape? |  |  |  |  |  |  |


| Daily or almost daily | 862 <br> $(28.0 \%)$ | $0(0.0 \%)$ | $0(0.0 \%)$ | 820 <br> $(100.0 \%)$ | $0(0.0 \%)$ | 42 <br> $(100.0 \%)$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Less than daily, but <br> at least once a week | $178(5.8 \%)$ | $0(0.0 \%)$ | 154 <br> $(11.8 \%)$ | $0(0.0 \%)$ | $24(26.1 \%)$ | $0(0.0 \%)$ |
| Less than weekly, <br> but at least once a <br> month | $165(5.4 \%)$ | $0(0.0 \%)$ | 150 <br> $(11.5 \%)$ | $0(0.0 \%)$ | $15(16.3 \%)$ | $0(0.0 \%)$ |
| Less than monthly | 323 <br> $(10.5 \%)$ | $0(0.0 \%)$ | 302 <br> $(23.2 \%)$ | $0(0.0 \%)$ | $21(22.8 \%)$ | $0(0.0 \%)$ |
| Not at all | 622 <br> $(20.2 \%)$ | $0(0.0 \%)$ | 593 <br> $(45.5 \%)$ | $0(0.0 \%)$ | $29(31.5 \%)$ | $0(0.0 \%)$ |
| I have never vaped | 932 <br> $(30.2 \%)$ | 825 <br> $(100.0 \%)$ | $104(8.0 \%)$ | $0(0.0 \%)$ | $3(3.3 \%)$ | $0(0.0 \%)$ |
| Cigarettes smoked <br> daily | $4.4(7.2)$ | $1.9(3.0)$ | $3.2(4.7)$ | $9.8(11.8)$ | $5.7(5.9)$ |  |
| Daily alcohol/cannabis <br> use | 878 <br> $(28.5 \%)$ | $30(3.6 \%)$ | 348 <br> $(26.7 \%)$ | 420 <br> $(51.2 \%)$ | 51 (55.4\%) | 29 (69.0\%) |
| Asthma diagnosis | 396 <br> $(12.8 \%)$ | 107 <br> $(13.0 \%)$ | 154 <br> $(11.8 \%)$ | 106 <br> $(12.9 \%)$ | $19(20.7 \%)$ | $10(23.8 \%)$ |

${ }^{1}$ Other devices: disposable or rechargeable cigarette-like vaping devices, pen-like devices, and other.

Supplement Table 1.
Poisson Regression
predicting respiratory
symptoms among youth.

| Outcome: Respiratory Symptoms | Among Never Smokers | Among Ever Smokers | Among Daily Smokers | Full population | Device Type |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Pack Equivalent Years | $\begin{gathered} 11.36^{* * *} \\ {[4.61,28.00]} \end{gathered}$ | $\begin{gathered} 2.79 * * * \\ {[1.69,4.61]} \end{gathered}$ | $\begin{gathered} 0.84 \\ {[0.23,3.11]} \end{gathered}$ | $\begin{gathered} 2.29 * * * \\ {[1.41,3.71]} \end{gathered}$ | $\begin{gathered} 2.20^{* *} \\ {[1.34,3.61]} \end{gathered}$ |
| Age $16-19$ 20-25 | $\begin{gathered} 0.95^{*} \\ {[0.90,1.00]} \end{gathered}$ | $\begin{gathered} 0.97 \\ {[0.94,1.01]} \end{gathered}$ | $\begin{gathered} 1.04 \\ {[0.98,1.11]} \end{gathered}$ | $\begin{gathered} 0.98 \\ {[0.95,1.00]} \end{gathered}$ | $\begin{gathered} 0.98 \\ {[0.95,1.01]} \end{gathered}$ |
| Sex <br> Male <br> Female | $\begin{gathered} 1.42^{* * *} \\ {[1.15,1.74]} \end{gathered}$ | $\begin{gathered} 1.38^{* * *} \\ {[1.19,1.62]} \end{gathered}$ | $\begin{gathered} 1.09 \\ {[0.79,1.51]} \end{gathered}$ | $\begin{gathered} 1.35^{* * *} \\ {[1.20,1.51]} \end{gathered}$ | $\begin{gathered} 1.33^{* * *} \\ {[1.18,1.50]} \end{gathered}$ |
| Education <br> High school or more | $\begin{gathered} 1.03 \\ {[0.91,1.16]} \end{gathered}$ | $\begin{gathered} 0.84^{* * *} \\ {[0.76,0.92]} \end{gathered}$ | $\begin{gathered} 0.82^{*} \\ {[0.68,1.00]} \end{gathered}$ | $\begin{gathered} 0.91^{* *} \\ {[0.85,0.97]} \end{gathered}$ | $\begin{gathered} 0.89^{* *} \\ {[0.82,0.96]} \end{gathered}$ |
| Marital Status Married or living with a partner | $\begin{gathered} 0.91 \\ {[0.71,1.17]} \end{gathered}$ | $\begin{gathered} 1.00 \\ {[0.85,1.19]} \end{gathered}$ | $\begin{gathered} 0.78 \\ {[0.58,1.05]} \end{gathered}$ | $\begin{gathered} 0.95 \\ {[0.84,1.07]} \end{gathered}$ | $\begin{gathered} 0.96 \\ {[0.84,1.09]} \end{gathered}$ |
| Divorced/Separated | $\begin{gathered} 2.40 \\ {[0.74,7.81]} \end{gathered}$ | $\begin{gathered} 1.31 \\ {[0.41,4.21]} \end{gathered}$ | $\begin{gathered} 1.00 \\ {[1.00,1.00]} \end{gathered}$ | $\begin{gathered} 1.63 \\ {[0.71,3.70]} \end{gathered}$ | $\begin{gathered} 1.17 \\ {[0.37,3.74]} \end{gathered}$ |
| Parent | $\begin{gathered} 1.01 \\ {[0.52,1.98]} \end{gathered}$ | $\begin{gathered} 0.93 \\ {[0.63,1.37]} \end{gathered}$ | $\begin{gathered} 1.21 \\ {[0.58,2.52]} \end{gathered}$ | $\begin{gathered} 0.95 \\ {[0.71,1.29]} \end{gathered}$ | $\begin{gathered} 0.84 \\ {[0.61,1.15]} \end{gathered}$ |
| Survey Date | $\begin{gathered} 1.00 \\ {[1.00,1.00]} \end{gathered}$ | $\begin{gathered} 1.00 \\ {[1.00,1.00]} \end{gathered}$ | $\begin{gathered} 1.00 \\ {[1.00,1.00]} \end{gathered}$ | $\begin{gathered} 1.00 \\ {[1.00,1.00]} \end{gathered}$ | $\begin{gathered} 1.00 \\ {[1.00,1.00]} \end{gathered}$ |
| Past Month Cannabis Use | $\begin{gathered} 1.99^{* * *} \\ {[1.66,2.39]} \end{gathered}$ | $\begin{gathered} 1.78^{* * *} \\ {[1.57,2.02]} \end{gathered}$ | $\begin{gathered} 1.27 \\ {[0.96,1.68]} \end{gathered}$ | $\begin{gathered} 1.78^{* * *} \\ {[1.62,1.96]} \end{gathered}$ | $\begin{gathered} 1.71^{* * *} \\ {[1.55,1.89]} \end{gathered}$ |
| Past Month Alcohol Use | $\begin{gathered} 1.29 \\ {[0.92,1.82]} \end{gathered}$ | $\begin{gathered} 1.20 \\ {[0.98,1.46]} \end{gathered}$ | $\begin{gathered} 0.99 \\ {[0.68,1.44]} \end{gathered}$ | $\begin{gathered} 1.19^{*} \\ {[1.02,1.38]} \end{gathered}$ | $\begin{gathered} 1.22^{*} \\ {[1.04,1.42]} \end{gathered}$ |
| Province (ref: Ontario) Alberta | $\begin{gathered} 0.99 \\ {[0.80,1.22]} \end{gathered}$ | $\begin{gathered} 1.08 \\ {[0.91,1.28]} \end{gathered}$ | $\begin{gathered} 1.34 \\ {[0.92,1.95]} \end{gathered}$ | $\begin{gathered} 1.10 \\ {[0.97,1.24]} \end{gathered}$ | $\begin{gathered} 1.10 \\ {[0.96,1.26]} \end{gathered}$ |
| British Columbia | $\begin{gathered} 0.90 \\ {[0.73,1.12]} \end{gathered}$ | $\begin{gathered} 1.03 \\ {[0.86,1.22]} \end{gathered}$ | $\begin{gathered} 1.06 \\ {[0.69,1.62]} \end{gathered}$ | $\begin{gathered} 1.00 \\ {[0.88,1.14]} \end{gathered}$ | $\begin{gathered} 0.99 \\ {[0.86,1.14]} \end{gathered}$ |

$\left.\begin{array}{lccccc}\text { Manitoba } & 1.40 & 0.66^{*} & 0.90 & 0.94 & 0.92 \\ & {[0.99,1.98]} & {[0.45,0.97]} & {[0.38,2.10]} & {[0.74,1.20]} & {[0.70,1.21]} \\ \text { New Brunswick } & 2.15^{* * *} & 1.22 & 2.24^{*} & 1.64^{* * *} & 1.38^{*} \\ & {[1.43,3.24]} & {[0.82,1.80]} & {[1.18,4.26]} & {[1.27,2.12]} & {[1.02,1.88]} \\ \text { Newfoundland and } & 1.19 & 1.01 & 1.00 & 1.14 & 1.13 \\ \text { Labrador } & & & & & \\ & {[0.69,2.05]} & {[0.63,1.60]} & {[1.00,1.00]} & {[0.81,1.62]} & {[0.78,1.63]} \\ \text { Nova Scotia } & 1.06 & 1.08 & 1.40 & 1.09 & 0.99 \\ & {[0.70,1.61]} & {[0.74,1.58]} & {[0.82,2.40]} & {[0.85,1.40]} & {[0.75,1.31]} \\ \text { Prince Edward Island } & 0.00 & 1.66 & 0.00 & 1.21 & 1.47 \\ & {[0.00, .]} & {[0.97,2.84]} & {[0.00, .]} & {[0.71,2.06]} & {[0.86,2.50]} \\ \text { Quebec } & 1.03 & 0.86 & 2.02^{* *} & 1.08 & 1.04 \\ \text { Saskatchewan } & {[0.70,1.51]} & {[0.63,1.18]} & {[1.25,3.25]} & {[0.87,1.33]} & {[0.82,1.31]} \\ & 1.10 & 0.92 & 2.06^{* *} & & 1.16\end{array}\right] 1.08$

| Latin-Central-South | 1.32 | 0.95 | 0.87 | 1.11 | 1.12 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| American | [0.83,2.11] | [0.59, 1.54] | [0.31,2.45] | [0.81, 1.52] | [0.80, 1.56] |
| Southeast Asian | $\begin{gathered} 0.97 \\ {[0.56,1.69]} \end{gathered}$ | $\begin{gathered} 0.58 \\ {[0.26,1.30]} \end{gathered}$ | $\begin{gathered} 1.00 \\ {[1.00,1.00]} \end{gathered}$ | $\begin{gathered} 0.80 \\ {[0.51,1.26]} \end{gathered}$ | $\begin{gathered} 0.67 \\ {[0.33,1.34]} \end{gathered}$ |
| South Asian | $\begin{gathered} 1.16 \\ {[0.91,1.49]} \end{gathered}$ | $\begin{gathered} 1.27 \\ {[0.89,1.80]} \end{gathered}$ | $\begin{gathered} 1.41 \\ {[0.61,3.25]} \end{gathered}$ | $\begin{gathered} 1.18 \\ {[0.97,1.44]} \end{gathered}$ | $\begin{gathered} 1.31^{*} \\ {[1.00,1.70]} \end{gathered}$ |
| West Asian or Arab | $\begin{gathered} 1.23 \\ {[0.80,1.89]} \end{gathered}$ | $\begin{gathered} 0.72 \\ {[0.37,1.39]} \end{gathered}$ | $\begin{gathered} 0.50 \\ {[0.17,1.45]} \end{gathered}$ | $\begin{gathered} 0.96 \\ {[0.69,1.35]} \end{gathered}$ | $\begin{gathered} 0.83 \\ {[0.56,1.22]} \end{gathered}$ |
| Other | $\begin{gathered} 1.00 \\ {[0.65,1.53]} \end{gathered}$ | $\begin{gathered} 0.86 \\ {[0.59,1.24]} \end{gathered}$ | $\begin{gathered} 1.03 \\ {[0.55,1.96]} \end{gathered}$ | $\begin{gathered} 0.94 \\ {[0.73,1.22]} \end{gathered}$ | $\begin{gathered} 0.93 \\ {[0.71,1.22]} \end{gathered}$ |
| Number of cigarettes per day |  |  |  | $1.02^{* * *}$ | $1.01^{* *}$ |
|  |  |  |  | [1.01,1.02] | [1.01,1.02] |
| Smoking status (ref: Ever Smoker) |  |  |  |  |  |
| Daily Smoker |  |  |  | $\begin{gathered} 1.47^{* * *} \\ {[1.24,1.73]} \end{gathered}$ | $\begin{gathered} 1.53^{* * *} \\ {[1.29,1.82]} \end{gathered}$ |
| Never Smoker |  |  |  | $\begin{gathered} 0.68^{* * *} \\ {[0.61,0.76]} \end{gathered}$ | $\begin{gathered} 0.75^{* * *} \\ {[0.66,0.85]} \end{gathered}$ |
| Interactions Daily smoker X pack equivalent years |  |  |  | $0.41$ | $0.37$ |
|  |  |  |  | [0.11,1.55] | [0.10,1.45] |
| Never smoker X pack equivalent years |  |  |  | 4.26 ** | 3.10 * |
|  |  |  |  | [1.62,11.20] | [1.11,8.72] |
| Device Type (re: mod) |  |  |  |  |  |
| Cig-a-like device |  |  |  |  | $\begin{gathered} 1.03 \\ {[0.86,1.24]} \end{gathered}$ |
| Pod type device |  |  |  |  | $\begin{gathered} 1.25^{* *} \\ {[1.08,1.45]} \end{gathered}$ |
| $N$ | 1445 | 1059 | 156 | 2660 | 1795 |

Exponentiated coefficients; 95\% confidence intervals in brackets
${ }^{*} p<0.05,{ }^{* *} p<0.01,{ }^{* * *} p<0.001$
${ }^{\bullet} 2023$ Chaiton M. et al.

