Supplemental Table 1. Univariate associations between socio-demographic and dietary variables with sugar-sweetened beverages tax perception

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   |   | I support imposing a tax on sweetened beverages (N=1970) | I support imposing taxes on any and all foods and beverages which are bad for health (N=1973) | I support imposing a tax on sweetened beverages only if the money is then used to improve the healthcare system (N=1974) |
|  |  | **Agree** | **Neither** | **Disagree** | **P** | **Agree** | **Neither** | **Disagree** | **P** | **Agree** | **Neither** | **Disagree** | **P** |
|   |   | **N** | **%** | **N** | **%** | **N** | **%** |  | **N** | **%** | **N** | **%** | **N** | **%** |  | **N** | **%** | **N** | **%** | **N** | **%** |  |
| **Sex** |  |  |  |  |  |  | 0.03 |  |  |  |  |  |  | 0.004 |  |  |  |  |  |  | 0.92 |
|  | Women | 470 | 49.2 | 217 | 54.3 | 342 | 55.6 |  | 547 | 48.9 | 185 | 56.4 | 298 | 56.5 |  | 757 | 52.7 | 147 | 53.5 | 136 | 51.7 |  |
|  | Men | 485 | 50.8 | 183 | 45.8 | 273 | 44.4 |  | 571 | 51.1 | 143 | 43.6 | 229 | 43.5 |  | 679 | 47.3 | 128 | 46.5 | 127 | 48.3 |  |
| **Age** |  |  |  |  |  |  | <0.0001 |  |  |  |  |  | <0.0001 |  |  |  |  |  | 0.02 |
|  | 18-25 years old | 21 | 2.2 | 8 | 2.0 | 21 | 3.4 |  | 18 | 1.6 | 10 | 3.0 | 21 | 4.0 |  | 35 | 2.4 | 6 | 2.2 | 7 | 2.7 |  |
|  | 26-45 years old | 278 | 29.1 | 139 | 34.8 | 215 | 35.0 |  | 316 | 28.3 | 125 | 38.1 | 195 | 37.0 |  | 442 | 30.8 | 108 | 39.3 | 80 | 30.4 |  |
|  | 46-65 years old | 452 | 47.3 | 191 | 47.8 | 319 | 51.9 |  | 541 | 48.4 | 154 | 47.0 | 263 | 49.9 |  | 703 | 49.0 | 116 | 42.2 | 145 | 55.1 |  |
|  | > 65 years old | 204 | 21.4 | 62 | 15.5 | 60 | 9.8 |  | 243 | 21.7 | 39 | 11.9 | 48 | 9.1 |  | 256 | 17.8 | 45 | 16.4 | 31 | 11.8 |  |
| **Level of education** |  |  |  |  |  |  | <0.0001 |  |  |  |  |  | 0.01 |  |  |  |  |  |  | 0.44 |
|  | No diploma and primary | 33 | 3.5 | 18 | 4.5 | 44 | 7.2 |  | 47 | 4.2 | 15 | 4.6 | 37 | 7.0 |  | 67 | 4.7 | 17 | 6.2 | 18 | 6.8 |  |
|  | Secondary | 329 | 34.5 | 172 | 43.0 | 283 | 46.0 |  | 417 | 37.3 | 138 | 42.1 | 228 | 43.3 |  | 579 | 40.3 | 103 | 37.5 | 108 | 41.1 |  |
|  | Post-secondary graduate | 593 | 62.1 | 210 | 52.5 | 288 | 46.8 |  | 654 | 58.5 | 175 | 53.4 | 262 | 49.7 |  | 790 | 55.0 | 155 | 56.4 | 137 | 52.1 |  |
| **Income** |  |  |  |  |  |  | <0.0001 |  |  |  |  |  | <0.0001 |  |  |  |  |  | 0.53 |
|  | <900 | 66 | 6.9 | 36 | 9.0 | 70 | 11.4 |  | 77 | 6.9 | 34 | 10.4 | 59 | 11.2 |  | 118 | 8.2 | 25 | 9.1 | 28 | 10.6 |  |
|  | 900-2700 | 549 | 57.5 | 247 | 61.8 | 380 | 61.8 |  | 657 | 58.8 | 196 | 59.8 | 328 | 62.2 |  | 863 | 60.1 | 167 | 60.7 | 154 | 58.6 |  |
|  | >2700 | 264 | 27.6 | 79 | 19.8 | 103 | 16.7 |  | 293 | 26.2 | 58 | 17.7 | 94 | 17.8 |  | 336 | 23.4 | 59 | 21.5 | 52 | 19.8 |  |
|  | Refuses to answer | 76 | 8.0 | 38 | 9.5 | 62 | 10.1 |  | 91 | 8.1 | 40 | 12.2 | 46 | 8.7 |  | 119 | 8.3 | 24 | 8.7 | 29 | 11.0 |  |
| **Household composition** |  |  |  |  |  |  | 0.01 |  |  |  |  |  |  | 0.08 |  |  |  |  |  |  | 0.02 |
|  | No children | 758 | 79.4 | 311 | 77.8 | 441 | 71.7 |  | 883 | 79.0 | 250 | 76.2 | 381 | 72.3 |  | 1122 | 78.1 | 194 | 70.5 | 199 | 75.7 |  |
|  | Children aged 0-13 y-o | 130 | 13.6 | 64 | 16.0 | 122 | 19.8 |  | 159 | 14.2 | 54 | 16.5 | 106 | 20.1 |  | 223 | 15.5 | 56 | 20.4 | 36 | 13.7 |  |
|  | Children aged 14-18 y-o | 42 | 4.4 | 10 | 2.5 | 34 | 5.5 |  | 46 | 4.1 | 12 | 3.7 | 25 | 4.7 |  | 50 | 3.5 | 15 | 5.5 | 19 | 7.2 |  |
|  | Children of both age categories | 25 | 2.6 | 15 | 3.8 | 18 | 2.9 |  | 30 | 2.7 | 12 | 3.7 | 15 | 2.8 |  | 41 | 2.9 | 10 | 3.6 | 9 | 3.4 |  |
| **Sweetened beverages consumption** |  |  |  |  |  |  | 0.48 |  |  |  |  |  |  | 0.46 |  |  |  |  |  |  | 0.8 |
|  | Tertile 1 | 336 | 35.2 | 129 | 32.3 | 190 | 30.9 |  | 383 | 34.3 | 98 | 29.9 | 169 | 32.1 |  | 476 | 33.1 | 90 | 32.7 | 96 | 36.5 |  |
|  | Tertile 2 | 305 | 31.9 | 137 | 34.3 | 211 | 34.3 |  | 367 | 32.8 | 118 | 36.0 | 169 | 32.1 |  | 485 | 33.8 | 89 | 32.4 | 85 | 32.3 |  |
|  | Tertile 3 | 314 | 32.9 | 134 | 33.5 | 214 | 34.8 |  | 368 | 32.9 | 112 | 34.1 | 189 | 35.9 |  | 475 | 33.1 | 96 | 34.9 | 82 | 31.2 |  |
| **Artificially sweetened beverages** |  |  |  |  |  | 0.0007 |  |  |  |  |  |  | 0.25 |  |  |  |  |  |  | 0.97 |
|  | Non consumer | 701 | 73.4 | 280 | 70.0 | 396 | 64.4 |  | 797 | 71.3 | 223 | 68.0 | 357 | 67.7 |  | 1006 | 70.1 | 191 | 69.5 | 183 | 69.6 |  |
|   | Consumer | 254 | 26.6 | 120 | 30.0 | 219 | 35.6 |  | 321 | 28.7 | 105 | 32.0 | 170 | 32.3 |   | 430 | 29.9 | 84 | 30.5 | 80 | 30.4 |   |
|   |   | Imposing a tax on sweetened beverages would increase prices and reduce purchasing power (N=1996) | A tax on sweetened beverages would be unfair because poor people would still need to pay the same amount as the rich (N=1960) | I support imposing a tax on sweetened beverages only if the prices of other foods and beverages (which are good for health) go down (N=1951) |
|  |  | **Agree** | **Neither** | **Disagree** | **P** | **Agree** | **Neither** | **Disagree** | **P** | **Agree** | **Neither** | **Disagree** | **P** |
|   |   | **N** | **%** | **N** | **%** | **N** | **%** |  | **N** | **%** | **N** | **%** | **N** | **%** |  | **N** | **%** | **N** | **%** | **N** | **%** |  |
| **Sex** |  |  |  |  |  |  | 0.01 |  |  |  |  |  |  | 0.34 |  |  |  |  |  |  | <0.0001 |
|  | Women | 638 | 50.1 | 193 | 60.3 | 213 | 52.9 |  | 552 | 55.4 | 219 | 52.0 | 287 | 50.2 |  | 787 | 56.4 | 108 | 42.0 | 135 | 45.3 |  |
|  | Men | 635 | 49.9 | 127 | 39.7 | 190 | 47.1 |  | 445 | 44.6 | 202 | 48.0 | 285 | 49.8 |  | 609 | 43.6 | 149 | 58.0 | 163 | 54.7 |  |
| **Age** |  |  |  |  |  |  | 0.17 |  |  |  |  |  |  | 0.07 |  |  |  |  |  |  | 0.44 |
|  | 18-25 years old | 35 | 2.7 | 7 | 2.2 | 8 | 2.0 |  | 23 | 2.4 | 7 | 1.7 | 18 | 3.1 |  | 38 | 2.7 | 5 | 1.9 | 5 | 1.7 |  |
|  | 26-45 years old | 395 | 31.0 | 102 | 31.9 | 136 | 33.7 |  | 300 | 31.0 | 137 | 32.5 | 196 | 34.3 |  | 456 | 32.7 | 85 | 33.1 | 93 | 31.2 |  |
|  | 46-65 years old | 638 | 50.1 | 141 | 44.1 | 196 | 48.6 |  | 500 | 51.7 | 194 | 46.1 | 259 | 45.3 |  | 674 | 48.3 | 119 | 46.3 | 160 | 53.7 |  |
|  | > 65 years old | 205 | 16.1 | 70 | 21.9 | 63 | 15.6 |  | 144 | 14.9 | 83 | 19.7 | 99 | 17.3 |  | 228 | 16.3 | 48 | 18.7 | 40 | 13.4 |  |
| **Level of education** |  |  |  |  |  |  | 0.13 |  |  |  |  |  |  | 0.002 |  |  |  |  |  |  | 0.24 |
|  | No diploma and primary | 63 | 4.9 | 11 | 3.4 | 26 | 6.5 |  | 60 | 6.2 | 21 | 5.0 | 19 | 3.3 |  | 67 | 4.8 | 12 | 4.7 | 22 | 7.4 |  |
|  | Secondary | 523 | 41.1 | 133 | 41.6 | 142 | 35.2 |  | 406 | 42.0 | 170 | 40.4 | 200 | 35.0 |  | 557 | 39.9 | 96 | 37.4 | 125 | 41.9 |  |
|  | Post-secondary graduate | 687 | 54.0 | 176 | 55.0 | 235 | 58.3 |  | 501 | 51.8 | 230 | 54.6 | 353 | 61.7 |  | 772 | 55.3 | 149 | 58.0 | 151 | 50.7 |  |
| **Income** |  |  |  |  |  |  | 0.15 |  |  |  |  |  |  | 0.004 |  |  |  |  |  |  | 0.002 |
|  | <900 | 114 | 9.0 | 27 | 8.4 | 32 | 7.9 |  | 96 | 9.9 | 31 | 7.4 | 43 | 7.5 |  | 115 | 8.2 | 20 | 7.8 | 35 | 11.7 |  |
|  | 900-2700 | 782 | 61.4 | 179 | 55.9 | 233 | 57.8 |  | 605 | 62.6 | 254 | 60.3 | 314 | 54.9 |  | 878 | 62.9 | 132 | 51.4 | 166 | 55.7 |  |
|  | >2700 | 263 | 20.7 | 80 | 25.0 | 107 | 26.6 |  | 192 | 19.9 | 96 | 22.8 | 156 | 27.3 |  | 291 | 20.8 | 72 | 28.0 | 72 | 24.2 |  |
|  | Refuses to answer | 114 | 9.0 | 34 | 10.6 | 31 | 7.7 |  | 74 | 7.7 | 40 | 9.5 | 59 | 10.3 |  | 112 | 8.0 | 33 | 12.8 | 25 | 8.4 |  |
| **Household composition** |  |  |  |  |  |  | 0.7 |  |  |  |  |  |  | 0.7 |  |  |  |  |  |  | 0.6 |
|  | No children | 984 | 77.3 | 250 | 78.1 | 301 | 74.7 |  | 726 | 75.1 | 332 | 78.9 | 441 | 77.1 |  | 1077 | 77.1 | 197 | 76.7 | 214 | 71.8 |  |
|  | Children aged 0-13 y-o | 202 | 15.9 | 47 | 14.7 | 66 | 16.4 |  | 167 | 17.3 | 63 | 15.0 | 86 | 15.0 |  | 217 | 15.5 | 42 | 16.3 | 59 | 19.8 |  |
|  | Children aged 14-18 y-o | 49 | 3.8 | 14 | 4.4 | 24 | 6.0 |  | 43 | 4.4 | 17 | 4.0 | 25 | 4.4 |  | 63 | 4.5 | 10 | 3.9 | 14 | 4.7 |  |
|  | Children of both age categories | 38 | 3.0 | 9 | 2.8 | 12 | 3.0 |  | 31 | 3.2 | 9 | 2.1 | 20 | 3.5 |  | 39 | 2.8 | 8 | 3.1 | 11 | 3.7 |  |
| **Sweetened beverages consumption** |  |  |  |  |  | 0.31 |  |  |  |  |  |  | 0.26 |  |  |  |  |  |  | 0.72 |
|  | Tertile 1 | 407 | 32.0 | 114 | 35.6 | 147 | 36.5 |  | 317 | 32.8 | 148 | 35.2 | 190 | 33.2 |  | 463 | 33.2 | 84 | 32.7 | 102 | 34.2 |  |
|  | Tertile 2 | 423 | 33.2 | 109 | 34.1 | 130 | 32.3 |  | 312 | 32.3 | 131 | 31.1 | 208 | 36.4 |  | 476 | 34.1 | 80 | 31.1 | 93 | 31.2 |  |
|  | Tertile 3 | 443 | 34.8 | 97 | 30.3 | 126 | 31.3 |  | 338 | 35.0 | 142 | 33.7 | 174 | 30.4 |  | 457 | 32.7 | 93 | 36.2 | 103 | 34.6 |  |
| **Artificially sweetened beverages** |  |  |  |  |  | 0.84 |  |  |  |  |  |  | 0.68 |  |  |  |  |  |  | 0.77 |
|  | Non consumer | 886 | 69.6 | 228 | 71.3 | 281 | 69.7 |  | 682 | 70.5 | 297 | 70.5 | 392 | 68.5 |  | 971 | 69.6 | 182 | 70.8 | 213 | 71.5 |  |
|   | Consumer | 387 | 30.4 | 92 | 28.8 | 122 | 30.3 |  | 285 | 29.5 | 124 | 29.5 | 180 | 31.5 |   | 425 | 30.4 | 75 | 29.2 | 85 | 28.5 |   |

|  |  |  |
| --- | --- | --- |
|   |   | Having a tax on sweetened beverages would help improve population health (N=1995) |
|  |  | **Agree** | **Neither** | **Disagree** | **P** |
|   |   | **N** | **%** | **N** | **%** | **N** | **%** |  |
| **Sex** |  |  |  |  |  |  | 0.59 |
|  | Women | 596 | 51.8 | 168 | 51.1 | 279 | 54.2 |  |
|  | Men | 555 | 48.2 | 161 | 48.9 | 236 | 45.8 |  |
| **Age** |  |  |  |  |  |  | <0.0001 |
|  | 18-25 years old | 23 | 2.0 | 11 | 3.3 | 16 | 3.1 |  |
|  | 26-45 years old | 327 | 28.4 | 101 | 30.7 | 208 | 40.4 |  |
|  | 46-65 years old | 554 | 48.1 | 172 | 52.3 | 247 | 48.0 |  |
|  | > 65 years old | 247 | 21.5 | 45 | 13.7 | 44 | 8.5 |  |
| **Level of education** |  |  |  |  |  |  | 0 |
|  | No diploma and primary | 48 | 4.2 | 18 | 5.5 | 32 | 6.2 |  |
|  | Secondary | 427 | 37.1 | 157 | 47.7 | 212 | 41.2 |  |
|  | Post-secondary graduate | 676 | 58.7 | 154 | 46.8 | 271 | 52.6 |  |
| **Income** |  |  |  |  |  |  | 0 |
|  | <900 | 87 | 7.6 | 33 | 10.0 | 53 | 10.3 |  |
|  | 900-2700 | 665 | 57.8 | 206 | 62.6 | 321 | 62.3 |  |
|  | >2700 | 302 | 26.2 | 58 | 17.6 | 91 | 17.7 |  |
|  | Refuses to answer | 97 | 8.4 | 32 | 9.7 | 50 | 9.7 |  |
| **Household composition** |  |  |  |  |  |  | <0.0001 |
|  | No children | 912 | 79.2 | 259 | 78.7 | 358 | 69.5 |  |
|  | Children aged 0-13 y-o | 160 | 13.9 | 43 | 13.1 | 117 | 22.7 |  |
|  | Childrena ged 14-18 y-o | 48 | 4.2 | 14 | 4.3 | 24 | 4.7 |  |
|  | Children of both age categories | 31 | 2.7 | 13 | 4.0 | 16 | 3.1 |  |
| **Sweetened beverages consumption** |  |  |  |  |  | <0.0001 |
|  | Tertile 1 | 423 | 36.8 | 104 | 31.6 | 137 | 26.6 |  |
|  | Tertile 2 | 372 | 32.3 | 118 | 35.9 | 180 | 35.0 |  |
|  | Tertile 3 | 356 | 30.9 | 107 | 32.5 | 198 | 38.4 |  |
| **Artificially sweetened beverages** |  |  |  |  |  | 0.06 |
|  | Non consumer | 827 | 71.9 | 229 | 69.6 | 340 | 66.0 |  |
|   | Consumer | 324 | 28.1 | 100 | 30.4 | 175 | 34.0 |  |