

## Supplemental Online Content

**Table S1:** Socio-demographic Characteristics of BRFSS Respondents Matched on Exposure to ACEs.

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**Table S3:** Non-medical Use of Cannabis and Opioids in Arizona in 2020: Relative Risks and Population Attributable Fraction for the Actual ACEs Compared to Predicted ACEs Exposures.

This supplemental material has been provided by the authors to give readers additional information about their work.

**Table S1:** Socio-demographic Characteristics of BRFSS Respondents Matched on Exposure to ACEs.

|                                             | Respondents Matched on Exposure to any ACEs |                   |                                     |  |                                        |                   |                                     |  |                      |                   |                                     |
|---------------------------------------------|---------------------------------------------|-------------------|-------------------------------------|--|----------------------------------------|-------------------|-------------------------------------|--|----------------------|-------------------|-------------------------------------|
|                                             | Respondents Who Reported                    |                   |                                     |  |                                        |                   |                                     |  |                      |                   |                                     |
|                                             | Non-medical Use of Cannabis (NmC) Alone     |                   |                                     |  | Non-medical Use of Opioids (NmO) Alone |                   |                                     |  | Both NmC and NmO     |                   |                                     |
|                                             | Exposure to any ACEs                        | No ACEs Exposures | Standardized Difference, % (t-test) |  | Exposure to any ACEs                   | No ACEs Exposures | Standardized Difference, % (t-test) |  | Exposure to any ACEs | No ACEs Exposures | Standardized Difference, % (t-test) |
|                                             | (N=5,471,539)                               | (N=3,236,341)     |                                     |  | (N=5,614,724)                          | (N=3,283,488)     |                                     |  | (N=5,848,632)        | (N=3,313,102)     |                                     |
| State                                       |                                             |                   |                                     |  |                                        |                   |                                     |  |                      |                   |                                     |
| <i>Arizona</i>                              | (72.1%)                                     | (72.1%)           | 0% (1.00)                           |  | (72.8%)                                | (72.8%)           | 0% (1.00)                           |  | (72.4%)              | (72.4%)           | 0% (1.00)                           |
| <i>Massachusetts</i>                        | (27.9%)                                     | (27.9%)           | 0% (1.00)                           |  | (27.2%)                                | (27.2%)           | 0% (1.00)                           |  | (27.6%)              | (27.6%)           | 0% (1.00)                           |
| Metropolitan statistical area (MSA)         |                                             |                   |                                     |  |                                        |                   |                                     |  |                      |                   |                                     |
| <i>Yes</i>                                  | (83.9%)                                     | (83.9%)           | 0% (1.00)                           |  | (83.7%)                                | (83.7%)           | 0% (1.00)                           |  | (83.8%)              | (83.8%)           | 0% (1.00)                           |
| <i>No</i>                                   | (16.1%)                                     | (16.1%)           | 0% (1.00)                           |  | (16.3%)                                | (16.3%)           | 0% (1.00)                           |  | (16.2%)              | (16.2%)           | 0% (1.00)                           |
| Urban status                                |                                             |                   |                                     |  |                                        |                   |                                     |  |                      |                   |                                     |
| <i>Urban county</i>                         | (95.2%)                                     | (95.2%)           | 0% (1.00)                           |  | (95.1%)                                | (95.1%)           | 0% (1.00)                           |  | (95.1%)              | (95.1%)           | 0% (1.00)                           |
| <i>Rural county</i>                         | (4.8%)                                      | (4.8%)            | 0% (1.00)                           |  | (4.9%)                                 | (4.9%)            | 0% (1.00)                           |  | (4.9%)               | (4.9%)            | 0% (1.00)                           |
| Sex                                         |                                             |                   |                                     |  |                                        |                   |                                     |  |                      |                   |                                     |
| <i>Male</i>                                 | (45.0%)                                     | (45.0%)           | 0% (1.00)                           |  | (45.2%)                                | (45.2%)           | 0% (1.00)                           |  | (45.6%)              | (45.6%)           | 0% (1.00)                           |
| <i>Female</i>                               | (55.0%)                                     | (55.0%)           | 0% (1.00)                           |  | (54.8%)                                | (54.8%)           | 0% (1.00)                           |  | (54.4%)              | (54.4%)           | 0% (1.00)                           |
| Race/ethnicity                              |                                             |                   |                                     |  |                                        |                   |                                     |  |                      |                   |                                     |
| <i>NH White</i>                             | (72.7%)                                     | (72.7%)           | 0% (1.00)                           |  | (72.5%)                                | (72.5%)           | 0% (1.00)                           |  | (72.5%)              | (72.5%)           | 0% (1.00)                           |
| <i>NH African American</i>                  | (3.5%)                                      | (3.5%)            | 0% (1.00)                           |  | (3.5%)                                 | (3.5%)            | 0% (1.00)                           |  | (3.5%)               | (3.5%)            | 0% (1.00)                           |
| <i>NH Asian</i>                             | (1.3%)                                      | (1.3%)            | 0% (1.00)                           |  | (1.3%)                                 | (1.3%)            | 0% (1.00)                           |  | (1.3%)               | (1.3%)            | 0% (1.00)                           |
| <i>NH American Indian or Alaskan Native</i> | (4.0%)                                      | (4.0%)            | 0% (1.00)                           |  | (4.0%)                                 | (4.0%)            | 0% (1.00)                           |  | (4.1%)               | (4.1%)            | 0% (1.00)                           |
| <i>Hispanic</i>                             | (14.9%)                                     | (14.9%)           | 0% (1.00)                           |  | (15.0%)                                | (15.0%)           | 0% (1.00)                           |  | (15.0%)              | (15.0%)           | 0% (1.00)                           |
| <i>NH Other Race</i>                        | (3.7%)                                      | (3.7%)            | 0% (1.00)                           |  | (3.7%)                                 | (3.7%)            | 0% (1.00)                           |  | (3.7%)               | (3.7%)            | 0% (1.00)                           |
| Age, years                                  |                                             |                   |                                     |  |                                        |                   |                                     |  |                      |                   |                                     |
| <i>18-34</i>                                | (18.8%)                                     | (18.8%)           | 0% (1.00)                           |  | (19.0%)                                | (19.0%)           | 0% (1.00)                           |  | (19.5%)              | (19.5%)           | 0% (1.00)                           |
| <i>35-54</i>                                | (27.9%)                                     | (27.9%)           | 0% (1.00)                           |  | (28.1%)                                | (28.1%)           | 0% (1.00)                           |  | (28.2%)              | (28.2%)           | 0% (1.00)                           |
| <i>55 or older</i>                          | (53.3%)                                     | (53.3%)           | 0% (1.00)                           |  | (52.9%)                                | (52.9%)           | 0% (1.00)                           |  | (52.3%)              | (52.3%)           | 0% (1.00)                           |

|  | Respondents Matched on Exposure to 2+ ACEs |
|--|--------------------------------------------|
|  | Respondents Who Reported Whether They Used |

|                                      | Non-medical Use of Cannabis (NmC) Alone |                   |                                     |  | Non-medical Use of Opioids (NmO) Alone |                   |                                     |  | Both NmC and NmO    |                   |                                     |
|--------------------------------------|-----------------------------------------|-------------------|-------------------------------------|--|----------------------------------------|-------------------|-------------------------------------|--|---------------------|-------------------|-------------------------------------|
|                                      | Exposure to 2+ ACEs                     | No ACEs Exposures | Standardized Difference, % (t-test) |  | Exposure to 2+ ACEs                    | No ACEs Exposures | Standardized Difference, % (t-test) |  | Exposure to 2+ ACEs | No ACEs Exposures | Standardized Difference, % (t-test) |
|                                      | (N=4,111,556)                           | (N=4,592,120)     |                                     |  | (N=4,229,049)                          | (N=4,664,956)     |                                     |  | (N=4,433,575)       | (N=4,724,944)     |                                     |
| State                                |                                         |                   |                                     |  |                                        |                   |                                     |  |                     |                   |                                     |
| Arizona                              | (70.1%)                                 | (70.1%)           | 0% (1.00)                           |  | (70.9%)                                | (70.9%)           | 0% (1.00)                           |  | (70.5%)             | (70.5%)           | 0% (1.00)                           |
| Massachusetts                        | (29.9%)                                 | (29.9%)           | 0% (1.00)                           |  | (29.1%)                                | (29.1%)           | 0% (1.00)                           |  | (29.5%)             | (29.5%)           | 0% (1.00)                           |
| Metropolitan statistical area (MSA)  |                                         |                   |                                     |  |                                        |                   |                                     |  |                     |                   |                                     |
| Yes                                  | (84.8%)                                 | (84.8%)           | 0% (1.00)                           |  | (84.6%)                                | (84.6%)           | 0% (1.00)                           |  | (84.8%)             | (84.8%)           | 0% (1.00)                           |
| No                                   | (15.2%)                                 | (15.2%)           | 0% (1.00)                           |  | (15.4%)                                | (15.4%)           | 0% (1.00)                           |  | (15.2%)             | (15.2%)           | 0% (1.00)                           |
| Urban status                         |                                         |                   |                                     |  |                                        |                   |                                     |  |                     |                   |                                     |
| Urban county                         | (95.2%)                                 | (95.2%)           | 0% (1.00)                           |  | (95.1%)                                | (95.1%)           | 0% (1.00)                           |  | (95.1%)             | (95.1%)           | 0% (1.00)                           |
| Rural county                         | (4.8%)                                  | (4.8%)            | 0% (1.00)                           |  | (4.9%)                                 | (4.9%)            | 0% (1.00)                           |  | (4.9%)              | (4.9%)            | 0% (1.00)                           |
| Sex                                  |                                         |                   |                                     |  |                                        |                   |                                     |  |                     |                   |                                     |
| Male                                 | (40.4%)                                 | (40.4%)           | 0% (1.00)                           |  | (40.7%)                                | (40.7%)           | 0% (1.00)                           |  | (41.2%)             | (41.2%)           | 0% (1.00)                           |
| Female                               | (59.6%)                                 | (59.6%)           | 0% (1.00)                           |  | (59.3%)                                | (59.3%)           | 0% (1.00)                           |  | (58.8%)             | (58.8%)           | 0% (1.00)                           |
| Race/ethnicity                       |                                         |                   |                                     |  |                                        |                   |                                     |  |                     |                   |                                     |
| NH White                             | (71.3%)                                 | (71.3%)           | 0% (1.00)                           |  | (71.2%)                                | (71.2%)           | 0% (1.00)                           |  | (71.1%)             | (71.1%)           | 0% (1.00)                           |
| NH African American                  | (3.7%)                                  | (3.7%)            | 0% (1.00)                           |  | (3.7%)                                 | (3.7%)            | 0% (1.00)                           |  | (3.7%)              | (3.7%)            | 0% (1.00)                           |
| NH Asian                             | (1.1%)                                  | (1.1%)            | 0% (1.00)                           |  | (1.1%)                                 | (1.1%)            | 0% (1.00)                           |  | (1.1%)              | (1.1%)            | 0% (1.00)                           |
| NH American Indian or Alaskan Native | (4.0%)                                  | (4.0%)            | 0% (1.00)                           |  | (4.1%)                                 | (4.1%)            | 0% (1.00)                           |  | (4.1%)              | (4.1%)            | 0% (1.00)                           |
| Hispanic                             | (15.5%)                                 | (15.5%)           | 0% (1.00)                           |  | (15.5%)                                | (15.5%)           | 0% (1.00)                           |  | (15.6%)             | (15.6%)           | 0% (1.00)                           |
| NH Other Race                        | (4.3%)                                  | (4.3%)            | 0% (1.00)                           |  | (4.4%)                                 | (4.4%)            | 0% (1.00)                           |  | (4.4%)              | (4.4%)            | 0% (1.00)                           |
| Age, years                           |                                         |                   |                                     |  |                                        |                   |                                     |  |                     |                   |                                     |
| 18-34                                | (20.6%)                                 | (20.6%)           | 0% (1.00)                           |  | (20.8%)                                | (20.8%)           | 0% (1.00)                           |  | (21.4%)             | (21.4%)           | 0% (1.00)                           |
| 35-54                                | (30.3%)                                 | (30.3%)           | 0% (1.00)                           |  | (30.5%)                                | (30.5%)           | 0% (1.00)                           |  | (30.6%)             | (30.6%)           | 0% (1.00)                           |
| 55 or older                          | (49.1%)                                 | (49.1%)           | 0% (1.00)                           |  | (48.7%)                                | (48.7%)           | 0% (1.00)                           |  | (48.0%)             | (48.0%)           | 0% (1.00)                           |

Abbreviations: ACEs = adverse childhood experiences

For every substance use outcome, we used propensity score methods to better isolate the exposure effect and to match persons with ACEs exposure to persons without ACEs on those characteristics that were unlikely affected by ACEs exposures, including location (state, urbanicity, MSA) and demographics (sex, race/ethnicity, age).

**Table S2:** ACEs Prevalence Among Adults Who Reported the Non-medical Use of Cannabis or Opioids and the Resulting Adverse Health Effects in Arizona and Massachusetts, 2019-2020.

|                       | Substance use                    |                         |                 |                 |                                 |                         |                 |                 |                     |                         |                 |                 |
|-----------------------|----------------------------------|-------------------------|-----------------|-----------------|---------------------------------|-------------------------|-----------------|-----------------|---------------------|-------------------------|-----------------|-----------------|
|                       | Non-medical cannabis (NmC) alone |                         |                 |                 | Non-medical opioids (NmO) alone |                         |                 |                 | Both substances     |                         |                 |                 |
|                       | Yes                              | No                      | Difference      |                 | Yes                             | No                      | Difference      |                 | Yes                 | No                      | Difference      |                 |
|                       | (95% CI)                         | (95% CI)                | %               | P Value         | (95% CI)                        | (95% CI)                | %               | P Value         | (95% CI)            | (95% CI)                | %               | P Value         |
| <b>Respondents, N</b> | 1,565,367                        | 7,191,888               | NA <sup>a</sup> | NA <sup>a</sup> | 515,525                         | 8,435,553               | NA <sup>a</sup> | NA <sup>a</sup> | 222,731             | 8,987,498               | NA <sup>a</sup> | NA <sup>a</sup> |
|                       | (1,482,988 - 1,647,747)          | (7,077,685 - 7,306,092) |                 |                 | (477,109 - 553,940)             | (8,320,615 - 8,550,491) |                 |                 | (191,039 - 254,423) | (8,872,072 - 9,102,924) |                 |                 |
| <b>Prevalence, %</b>  |                                  |                         |                 |                 |                                 |                         |                 |                 |                     |                         |                 |                 |
| <b>Any ACEs</b>       | 81.47                            | 58.89                   | 22.58           | <.001           | 76.21                           | 62.40                   | 13.81           | <.001           | 91.13               | 63.23                   | 27.90           | <.001           |
|                       | (79.50 - 83.44)                  | (57.75 - 60.02)         | (20.31- 24.85)  |                 | (73.21 - 79.21)                 | (61.35 - 63.46)         | (10.58- 17.04)  |                 | (88.14 - 94.13)     | (62.22 - 64.24)         | (24.33- 31.47)  |                 |
| <b>2+ ACEs</b>        | 66.74                            | 42.77                   | 23.97           | <.001           | 62.54                           | 46.46                   | 16.08           | <.001           | 80.97               | 47.39                   | 33.58           | <.001           |
|                       | (64.19 - 69.28)                  | (41.62 - 43.93)         | (21.15- 26.77)  |                 | (59.03 - 66.06)                 | (45.35 - 47.56)         | (12.36- 19.82)  |                 | (75.52 - 86.41)     | (46.33 - 48.46)         | (27.98- 39.17)  |                 |
|                       | Adverse effects to substances    |                         |                 |                 |                                 |                         |                 |                 |                     |                         |                 |                 |
|                       | Non-medical cannabis (NmC) alone |                         |                 |                 | Non-medical opioids (NmO) alone |                         |                 |                 | Both substances     |                         |                 |                 |
|                       | Yes                              | No                      | Difference      |                 | Yes                             | No                      | Difference      |                 | Yes                 | No                      | Difference      |                 |
|                       | (95% CI)                         | (95% CI)                | %               | P Value         | (95% CI)                        | (95% CI)                | %               | P Value         | (95% CI)            | (95% CI)                | %               | P Value         |
| <b>Respondents, N</b> | 78,797                           | 1,469,017               | NA <sup>a</sup> | NA <sup>a</sup> | 67,895                          | 390,704                 | NA <sup>a</sup> | NA <sup>a</sup> | 80,159              | 142,386                 | NA <sup>a</sup> | NA <sup>a</sup> |
|                       | (51,576 - 106,018)               | (1,418,220 - 1,519,814) |                 |                 | (53,128 - 82,661)               | (369,401 - 412,007)     |                 |                 | (63,060 - 97,259)   | (124,034 - 160,738)     |                 |                 |
| <b>Prevalence, %</b>  |                                  |                         |                 |                 |                                 |                         |                 |                 |                     |                         |                 |                 |
| <b>Any ACEs</b>       | 91.62                            | 80.74                   | 10.88           | 0.001           | 87.39                           | 75.05                   | 12.34           | 0.003           | 92.74               | 90.21                   | 2.53            | 0.422           |
|                       | (86.09 - 97.14)                  | (78.70 - 82.79)         | (4.72- 17.03)   |                 | (78.12 - 100.81)                | (51.07 - 82.97)         | (4.81- 20.37)   |                 | (88.97 - 96.50)     | (86.10 - 94.33)         | (-3.66-8.71)    |                 |
| <b>2+ ACEs</b>        | 89.42                            | 65.25                   | 24.17           | <.001           | 82.08                           | 59.54                   | 22.54           | <.001           | 84.41               | 79.00                   | 5.41            | 0.353           |
|                       | (83.66 - 95.18)                  | (62.64 - 67.87)         | (17.33- 31.01)  |                 | (74.08 - 90.07)                 | (55.50 - 63.57)         | (13.34- 32.73)  |                 | (74.82 - 94.01)     | (72.31 - 85.69)         | (-6.05- 16.87)  |                 |

Abbreviations: ACEs = adverse childhood experiences; CI = confidence interval.

All estimates in this table are weighted.

<sup>a</sup> Not applicable.

**Table S3:** Non-medical Use of Cannabis and Opioids in Arizona in 2020: Relative Risks and Population Attributable Fraction for the Actual ACEs Compared to Predicted ACEs Exposures.

|                        | Substance use, actual ACEs |                          |                  |                           |                          |                  |                        | Substance use, predicted ACEs |                          |                  |                           |                          |                  |
|------------------------|----------------------------|--------------------------|------------------|---------------------------|--------------------------|------------------|------------------------|-------------------------------|--------------------------|------------------|---------------------------|--------------------------|------------------|
|                        | Non-medical cannabis (NmC) |                          |                  | Non-medical opioids (NmO) |                          |                  |                        | Non-medical cannabis (NmC)    |                          |                  | Non-medical opioids (NmO) |                          |                  |
|                        | (past year use)            |                          |                  | (past year use)           |                          |                  |                        | (past year use)               |                          |                  | (past year use)           |                          |                  |
|                        | Unadjusted RR              | Adjusted RR <sup>a</sup> | PAF <sup>b</sup> | Unadjusted RR             | Adjusted RR <sup>a</sup> | PAF <sup>b</sup> |                        | Unadjusted RR                 | Adjusted RR <sup>a</sup> | PAF <sup>b</sup> | Unadjusted RR             | Adjusted RR <sup>a</sup> | PAF <sup>b</sup> |
|                        | (95% CI)                   | (95% CI)                 | (95% CI)         | (95% CI)                  | (95% CI)                 | (95% CI)         |                        | (95% CI)                      | (95% CI)                 | (95% CI)         | (95% CI)                  | (95% CI)                 | (95% CI)         |
| Any ACEs               | 2.49                       | 2.15                     | 33.04            | 1.65                      | 1.68                     | 22.21            | Any ACEs               | 2.15                          | 1.94                     | 24.52            | 1.54                      | 1.55                     | 16.05            |
|                        | (1.79 - 3.46)              | (1.52 - 3.06)            | (17.06-45.94)    | (1.28 - 2.14)             | (1.30 - 2.16)            | (10.62-32.29)    |                        | (1.62 - 2.86)                 | (1.43 - 2.63)            | (12.26-35.06)    | (1.22 - 1.94)             | (1.23 - 1.95)            | (6.94-24.26)     |
| 2+ ACEs                | 2.37                       | 2.07                     | 30.60            | 1.67                      | 1.66                     | 22.97            | 2+ ACEs                | 2.37                          | 2.07                     | 30.60            | 1.67                      | 1.66                     | 22.97            |
|                        | (1.79 - 3.13)              | (1.52 - 2.81)            | (17.43-41.67)    | (1.33 - 2.10)             | (1.31 - 2.09)            | (11.62-31.10)    |                        | (1.79 - 3.13)                 | (1.52 - 2.81)            | (17.43-41.67)    | (1.33 - 2.10)             | (1.31 - 2.09)            | (11.62-31.10)    |
| Number of observations | 2,499,247                  | 2,499,247                | 2,499,247        | 2,836,937                 | 2,836,937                | 2,836,937        | Number of observations | 2,499,247                     | 2,499,247                | 2,499,247        | 2,836,937                 | 2,836,937                | 2,836,937        |

|                        | Adverse health effects, actual ACEs |                          |                  |                           |                          |                  |                        | Adverse health effects, predicted ACEs |                          |                  |                           |                          |                  |
|------------------------|-------------------------------------|--------------------------|------------------|---------------------------|--------------------------|------------------|------------------------|----------------------------------------|--------------------------|------------------|---------------------------|--------------------------|------------------|
|                        | Non-medical cannabis (NmC)          |                          |                  | Non-medical opioids (NmO) |                          |                  |                        | Non-medical cannabis (NmC)             |                          |                  | Non-medical opioids (NmO) |                          |                  |
|                        | (past 6 months use)                 |                          |                  | (past year use)           |                          |                  |                        | (past 6 months use)                    |                          |                  | (past year use)           |                          |                  |
|                        | Unadjusted RR                       | Adjusted RR <sup>a</sup> | PAF <sup>b</sup> | Unadjusted RR             | Adjusted RR <sup>a</sup> | PAF <sup>b</sup> |                        | Unadjusted RR                          | Adjusted RR <sup>a</sup> | PAF <sup>b</sup> | Unadjusted RR             | Adjusted RR <sup>a</sup> | PAF <sup>b</sup> |
|                        | (90% CI)                            | (90% CI)                 | (90% CI)         | (90% CI)                  | (90% CI)                 | (90% CI)         |                        | (90% CI)                               | (90% CI)                 | (90% CI)         | (90% CI)                  | (90% CI)                 | (90% CI)         |
| Any ACEs               | 1.09                                | 1.14                     | NA               | 2.48                      | 2.27                     | 37.70            | Any ACEs               | 1.34                                   | 1.52                     | NA               | 2.01                      | 1.53                     | 18.79            |
|                        | (0.29 - 4.03)                       | (0.24 - 5.27)            |                  | (1.14 - 5.38)             | (1.14 - 4.52)            | (2.88-60.03)     |                        | (0.43 - 4.20)                          | (0.45 - 5.14)            |                  | (1.04 - 3.89)             | (0.79 - 2.96)            | (-14.83-42.57)   |
| 2+ ACEs                | 1.63                                | 1.91                     | 31.05            | 2.66                      | 2.05                     | 34.60            | 2+ ACEs                | 1.63                                   | 1.91                     | 31.05            | 2.66                      | 2.05                     | 34.60            |
|                        | (0.59 - 4.54)                       | (0.50 - 7.36)            | (-55.65-69.50)   | (1.38 - 5.12)             | (0.99 - 4.25)            | (-4.36-59.01)    |                        | (0.59 - 4.54)                          | (0.50 - 7.36)            | (-55.65-69.50)   | (1.38 - 5.12)             | (0.99 - 4.25)            | (-4.36-59.01)    |
| Number of observations | 176,660                             | 176,660                  | 176,660          | 218,829                   | 218,829                  | 218,829          | Number of observations | 176,660                                | 176,660                  | 176,660          | 218,829                   | 218,829                  | 218,829          |

Abbreviations: ACEs = adverse childhood experiences; RR = relative risks; PAF = population attributable fractions

All estimates in this table are weighted. For every substance use outcome, we used propensity score methods to better isolate the exposure effect and to match persons with ACEs exposure to persons without ACEs on those characteristics that were unlikely affected by ACEs exposures, including location (state, urbanicity, MSA) and demographics (sex, race/ethnicity, age).

<sup>a</sup> Adjusted for respondent's demographic characteristics (sex, race/ethnicity, age), socio-economic characteristics (annual household income from all sources, education, employment, marital status, home ownership), access to healthcare (access to a personal healthcare provider, availability of any healthcare coverage), and location (metropolitan statistical area and urbanicity).

<sup>b</sup> In this table, we reported PAFs for the same outcome/ACEs combinations as in Table 3 to make results comparable across specifications. For instance, in this table PAFs for NmC AHE and any ACEs are not reported, since they were omitted in Table 3.