| **Supplementary Table 1**. Characteristics of young adult (18-34 years) KPNC members who had a primary care visit, by whether they had an alcohol screening. |
| --- |
|  | **Pre-COVID** | **Post-COVID Onset** |
| **Characteristic** | **Screened(n=343,889)** | **Not Screened(n=319,222)** | **SMD before IPWa**  | **SMD after IPWa** | **Screened(n=186,711)** | **Not Screened(n=440,384)** | **SMD before IPWa** | **SMD after IPWa** |
| Sex, n (%) |  |  |  |  |  |  |  |  |
|  Male | 157,208 (45.7) | 105,083 (32.9) | 0.264 | -0.002 | 80,078 (42.9) | 172,182 (39.1) | 0.077 | 0 |
|  Female | 186,681 (54.3) | 214,139 (67.1) | -0.264 | 0.002 | 106,633 (57.1) | 268,202 (60.9) | -0.077 | 0 |
| Age, mean (SD) | 26.7 (4.8) | 26.9 (4.8) | -0.042 | -0.026 | 26.7 (4.8) | 26.8 (4.8) | -0.017 | -0.019 |
| Age group, n (%) |  |  |  |  |  |  |  |  |
|  18-20 | 49,122 (14.3) | 41,331 (12.9) | 0.041 | 0 | 26,290 (14.1) | 59,045 (13.4) | 0.02 | 0.003 |
|  21-34 | 294,767 (85.7) | 277,891 (87.1) | -0.041 | 0 | 160,421 (85.9) | 381,339 (86.6) | -0.02 | -0.003 |
| Race/ethnicity, n (%) |  |  |  |  |  |  |  |  |
|  White | 126,158 (36.7) | 120,551 (37.8) | -0.023 | 0 | 66,485 (35.6) | 158,223 (35.9) | -0.006 | 0.002 |
|  API | 82,918 (24.1) | 71,651 (22.4) | 0.040 | 0 | 42,058 (22.5) | 91,654 (20.8) | 0.041 | 0 |
|  Black | 25,958 (7.5) | 27,227 (8.5) | -0.037 | 0 | 15,265 (8.2) | 36,111 (8.2) | 0 | 0.004 |
|  Latino/Hispanic | 89,991 (26.2) | 81,135 (25.4) | 0.018 | 0 | 51,484 (27.6) | 119,545 (27.1) | 0.011 | 0 |
|  Native American | 2,900 (0.8) | 2,642 (0.8) | 0 | 0 | 1,652 (0.9) | 3,600 (0.8) | 0.011 | 0 |
|  Other/Unknown | 15,964 (4.6) | 16,016 (5.0) | -0.019 | 0 | 9,767 (5.2) | 31,251 (7.1) | -0.079 | 0 |
| Type of insurance, n (%) |  |  |  |  |  |  |  |  |
|  Medicaid | 23,879 (6.9) | 24,683 (7.7) | -0.031 | 0 | 13,852 (7.4) | 33,147 (7.5) | -0.004 | 0 |
|  Medicare | 2,108 (0.6) | 2,033 (0.6) | 0 | 0 | 1,420 (0.8) | 2,815 (0.6) | 0.024 | 0 |
|  Commercial | 292,448 (85.0) | 281,030 (88.0) | -0.088 | -0.003 | 167,119 (89.5) | 395,669 (89.8) | -0.01 | 0 |
|  Other/Unknown | 25,454 (7.4) | 11,476 (3.6) | 0.167 | 0.004 | 4,320 (2.3) | 8,753 (2.0) | 0.021 | 0 |
| Neighborhood deprivation index quartile, n (%) |  |  |  |  |  |  |  |  |
|  Q1 (lowest) | 90,670 (26.4) | 79,494 (24.9) | 0.034 | 0 | 51,131 (27.4) | 103,470 (23.5) | 0.09 | 0 |
|  Q2 | 87,189 (25.4) | 81,982 (25.7) | -0.007 | 0 | 46,654 (25.0) | 111,529 (25.3) | -0.007 | 0.002 |
|  Q3 | 84,890 (24.7) | 80,233 (25.1) | -0.009 | 0 | 45,491 (24.4) | 111,195 (25.2) | -0.019 | 0 |
|  Q4 (highest) | 80,550 (23.4) | 76,863 (24.1) | -0.016 | 0 | 43,105 (23.1) | 113,312 (25.7) | -0.061 | 0 |
|  Unknown | 590 (0.2) | 650 (0.2) | 0 | 0 | 330 (0.2) | 878 (0.2) | 0 | 0 |
| Number of medical conditions, n (%) |  |  |  |  |  |  |  |  |
|  0 | 241,168 (70.1) | 250,276 (78.4) | -0.191 | -0.039 | 127,747 (68.4) | 346,390 (78.7) | -0.235 | -0.039 |
|  1 | 73,193 (21.3) | 50,415 (15.8) | 0.142 | 0.070 | 40,542 (21.7) | 70,378 (16.0) | 0.146 | 0.049 |
|  ≥2 | 29,528 (8.6) | 18,531 (5.8) | 0.108 | -0.038 | 18,422 (9.9) | 23,616 (5.4) | 0.170 | -0.016 |
| Drug use disorder, n (%) | 5,097 (1.5) | 4,512 (1.4) | 0.008 | 0 | 3,384 (1.8) | 6,318 (1.4) | 0.032 | 0 |
| Mental health condition, n (%) | 71,924 (20.9) | 55,337 (17.3) | 0.092 | -0.005 | 46,919 (25.1) | 79,086 (18.0) | 0.173 | 0.002 |
| API: Asian, Native Hawaiian, or Pacific Islander.a Standardized mean differences (SMD) were calculated to determine whether there were differences between patients who were screened and those who were not screened, before and after inverse probability of screening weights (IPW) were applied. |