Supplemental Table 1a. Inverse probability of treatment weighting adjusted sample characteristics for Kaiser Permanente Mid-Atlantic States, by time period comparison, at the time of the first virtual follow-up visit for major depression, after an initial diagnostic encounter, January 2019- June 2021

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Patient Characteristics at Time of Virtual Visit | | Pre-Pandemic vs. Peak Pandemic | | | Peak Pandemic vs. Recovery | | |
|  | | Pre | Peak | p-value | Peak | Recovery | p-value |
| Number of Encounters | | n=2,412.5 | n=2,235.0 |  | n=2,244.4 | n=7,656.5 |  |
|  | | % | % |  | % | % |  |
| Age group at time of visit | 19-34 | 42.6% | 42.6% | 1.0000 | 44.4% | 44.5% | 0.9980 |
| 35-49 | 24.6% | 24.6% |  | 24.5% | 24.6% |  |
| 50-64 | 20.7% | 20.8% |  | 20.4% | 20.2% |  |
| ≥ 65 | 12.1% | 12.1% |  | 10.7% | 10.7% |  |
| Gender | Female | 73.1% | 73.1% | 0.9824 | 72.3% | 72.3% | 0.9806 |
| Male | 26.9% | 26.9% |  | 27.7% | 27.7% |  |
| Race/Ethnicity | Hispanic | 8.4% | 8.4% | 1.0000 | 9.5% | 9.5% | 1.0000 |
| Non-Hispanic Black | 35.6% | 35.6% |  | 32.6% | 32.5% |  |
| Non-Hispanic Asian | 5.5% | 5.5% |  | 6.2% | 6.1% |  |
| Non-Hispanic White | 45.9% | 45.9% |  | 45.9% | 45.9% |  |
| Other known | 3.6% | 3.6% |  | 4.1% | 4.2% |  |
| Unknown | 1.1% | 1.1% |  | 1.7% | 1.8% |  |
| Charlson Comorbidity Index Score | 0 (none) | 71.6% | 71.6% | 0.9999 | 76% | 76.1% |  |
| 1 | 15.5% | 15.5% |  | 12.7% | 12.7% |  |
| ≥ 2 | 13% | 13% |  | 11.3% | 11.2% |  |
| Area Deprivation Index | Lowest quartile | 55.5% | 55.5% | 1.0000 | 56.3% | 56.4% | 0.9999 |
| Lower mid-quartile | 26.2% | 26.2% |  | 25.5% | 25.5% |  |
| Upper mid-quartile | 12.6% | 12.6% |  | 12% | 12% |  |
| Highest quartile | 5.7% | 5.7% |  | 6.2% | 6.2% |  |

NOTE: Pre-pandemic (January 2019-March 2020), Peak pandemic (April 2020-June 2020), Recovery (July 2020-June 2021)

Supplemental Table 1b. Inverse probability of treatment weighting adjusted sample characteristics for Kaiser Permanente Georgia, by time period comparison, at the time of the first virtual follow-up visit for major depression, after an initial diagnostic encounter, January 2019- June 2021

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Patient Characteristics at Time of Virtual Visit | | Pre-Pandemic vs. Peak Pandemic | | | Peak Pandemic vs. Recovery | | |
|  | | Pre | Peak | p-value | Peak | Recovery | p-value |
| Number of Encounters | | n=1,411.1 | n=1,520.2 |  | n=1,539.0 | n=5336.1 |  |
|  | | % | % |  | % | % |  |
| Age group at time of visit | 19-34 | 31.5% | 31.5% | 1.000 | 34.4% | 34.4% | 0.9997 |
| 35-49 | 32.6% | 32.6% |  | 31.3% | 31.4% |  |
| 50-64 | 24.9% | 24.9) |  | 24.6% | 24.6% |  |
| ≥ 65 | 11% | 11% |  | 9.7% | 9.6% |  |
| Gender | Female | 77.7% | 77.7% | 0.9914 | 78.4% | 78.3% | 0.9314 |
| Male | 22.3% | 22.3% |  | 21.6% | 21.7% |  |
| Race/Ethnicity | Hispanic | 3.3% | 3.3% | 1.0000 | 3.5% | 3.5% | 1.0000 |
| Non-Hispanic Black | 47.7% | 47.7% |  | 50.1% | 50.2% |  |
| Non-Hispanic Asian | 1.7% | 1.7% |  | 1.9% | 1.9% |  |
| Non-Hispanic White | 40% | 40% |  | 36.8% | 36.8% |  |
| Other known | 0.9% | 0.9% |  | 1% | 1.1% |  |
| Unknown | 6.3% | 6.3% |  | 6.7% | 6.6% |  |
| Charlson Comorbidity Index Score | 0 (none) | 66.2% | 66.2% | 1.0000 | 71.2% | 71.2% | 0.9996 |
| 1 | 18.7% | 18.7% |  | 16.4% | 16.4% |  |
| ≥ 2 | 15% | 15% |  | 12.4% | 12.4% |  |
| Area Deprivation Index | Lowest quartile | 23.8% | 23.8% | 1.0000 | 23.7% | 23.8% | 0.9997 |
| Lower mid-quartile | 36% | 36% |  | 35.1% | 35.2% |  |
| Upper mid-quartile | 23.5% | 23.5% |  | 25.1% | 25.1% |  |
| Highest quartile | 16.7% | 16.6% |  | 16.1% | 16% |  |

NOTE: Pre-pandemic (January 2019-March 2020), Peak pandemic (April 2020-June 2020), Recovery (July 2020-June 2021)

Supplemental Table 1c. Inverse probability of treatment weighting adjusted sample characteristics for Kaiser Permanente Colorado, by time period comparison, at the time of the first virtual follow-up visit for major depression, after an initial diagnostic encounter, January 2019- June 2021

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Patient Characteristics at Time of Virtual Visit | | Pre-Pandemic vs. Peak Pandemic | | | Peak Pandemic vs. Recovery | | |
|  | | Pre | Peak | p-value | Peak | Recovery | p-value |
| Number of Encounters (weighted) | | n=1,091.3 | n=1,459.7 |  | n=1,463.5 | n=5,724.5 |  |
|  | | % | % |  | % | % |  |
| Age group at time of visit | 19-34 | 34% | 34.2% | 0.9987 | 38.3% | 38.5% | 0.9994 |
| 35-49 | 25.8% | 25.6% |  | 26.6% | 26.6% |  |
| 50-64 | 22.3% | 22.3% |  | 20.3% | 20.3% |  |
| ≥ 65 | 17.9% | 17.9% |  | 14.7% | 14.6% |  |
| Gender | Female | 70.9% | 71% | 0.9418 | 71.1% | 71% | 0.9622 |
| Male | 29.1% | 29% |  | 28.9% | 29% |  |
| Race/Ethnicity | Hispanic | 14.2% | 14.1% | 1.0000 | 14% | 14% | 1.0000 |
| Non-Hispanic Black | 5.2% | 5.2% |  | 5.7% | 5.6% |  |
| Non-Hispanic Asian | 2% | 2% |  | 2.1% | 2% |  |
| Non-Hispanic White | 71.5% | 71.5% |  | 70.1% | 70.2% |  |
| Other known | 4.4% | 4.4% |  | 4.6% | 4.6% |  |
| Unknown | 2.8% | 2.7% |  | 3.6% | 3.6% |  |
| Charlson Comorbidity Index Score | 0 (none) | 64.3% | 64.2% | 0.9994 | 71.4% | 71.4% | 0.9997 |
| 1 | 19.6% | 19.7% |  | 15.7% | 15.7% |  |
| ≥ 2 | 16.1% | 16.1% |  | 12.9% | 12.9% |  |
| Area Deprivation Index | Lowest quartile | 56.2% | 56.1% | 0.9999 | 56.8% | 56.8% | 0.9999 |
| Lower mid-quartile | 37.8% | 37.8% |  | 37.6% | 37.6% |  |
| Upper mid-quartile | 5% | 5% |  | 4.3% | 4.3% |  |
| Highest quartile | 1.1% | 1.1% |  | 1.3% | 1.3% |  |

NOTE: Pre-pandemic (January 2019-March 2020), Peak pandemic (April 2020-June 2020), Recovery (July 2020-June 2021)