Table 1. Joinpoint results by broad opioid category and race, 1979-2015

## Table with trends 1 - 3

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| r\_names | obs\_1979 | obs\_2015 | aapc\_print | years\_1 | apc\_1 | years\_2 | apc\_2 | years\_3 | apc\_3 |
| rate\_ratio\_wb | 0.711 (0.584, 0.838) | 1.858 (1.785, 1.931) | 2.612 (1.686, 3.546)\* | 1979-1993 | -0.819 (-2.829, 1.233) | 1993-2010 | 9.468 (8.572, 10.372)\* | 2010-2016 | -7.516 (-9.692, -5.288)\* |
| all\_opioids |  |  |  |  |  |  |  |  |  |
| opioid\_white | 0.440 (0.410, 0.470) | 12.192 (12.050, 12.334) |  | 1979-2007 | 11.118 (10.602, 11.636)\* | 2007-2013 | 4.012 (1.448, 6.641)\* | 2013-2016 | 18.149 (12.977, 23.558)\* |
| opioid\_black | 0.619 (0.517, 0.721) | 6.562 (6.316, 6.808) |  | 1979-1994 | 10.839 (8.525, 13.203)\* | 1994-2012 | 0.326 (-0.583, 1.243) | 2012-2016 | 27.550 (21.105, 34.339)\* |
| heroin |  |  |  |  |  |  |  |  |  |
| heroin\_white | 0.135 (0.119, 0.151) | 4.826 (4.736, 4.916) | 12.203 (9.998, 14.453)\* | 1979-1999 | 11.495 (10.129, 12.878)\* | 1999-2005 | 0.765 (-6.135, 8.172) | 2005-2010 | 11.521 (2.480, 21.359)\* |
| heroin\_black | 0.326 (0.254, 0.398) | 3.115 (2.946, 3.284) | 7.995 (6.789, 9.214)\* | 1979-1995 | 7.614 (5.601, 9.666)\* | 1995-2010 | -0.553 (-2.078, 0.996) | 2010-2016 | 33.975 (29.458, 38.650)\* |
| methadone |  |  |  |  |  |  |  |  |  |
| methadone\_white | 0.053 (0.042, 0.063) | 1.206 (1.161, 1.250) | 1.937 (0.331, 3.569)\* | 1979-1998 | -5.393 (-7.257, -3.492)\* | 1998-2003 | 43.073 (36.420, 50.049)\* | 2003-2006 | 20.223 (10.540, 30.755)\* |
| methadone\_black | 0.036 (0.008, 0.063) | 0.579 (0.507, 0.651) | 0.073 (-3.921, 4.232) | 1979-1987 | 1.982 (-9.290, 14.653) | 1987-1998 | -12.561 (-20.730, -3.551)\* | 1998-2006 | 23.745 (19.054, 28.622)\* |
| other |  |  |  |  |  |  |  |  |  |
| other\_white | 0.252 (0.229, 0.275) | 8.165 (8.049, 8.281) | 10.137 (5.394, 15.093)\* | 1979-1990 | 7.559 (2.177, 13.223)\* | 1990-1993 | 22.973 (-27.061, 107.327) | 1993-2009 | 9.311 (8.059, 10.577)\* |
| other\_black | 0.258 (0.191, 0.325) | 4.180 (3.983, 4.377) | 8.519 (6.473, 10.605)\* | 1979-1994 | 14.596 (10.248, 19.116)\* | 1994-2013 | -1.036 (-2.340, 0.285) | 2013-2016 | 48.156 (30.873, 67.723)\* |

## Table with trends 4 - 6

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| r\_names | obs\_1979 | obs\_2015 | aapc\_print | years\_4 | apc\_4 | years\_5 | apc\_5 | years\_6 | apc\_6 |
| rate\_ratio\_wb | 0.711 (0.584, 0.838) | 1.858 (1.785, 1.931) | 2.612 (1.686, 3.546)\* |  |  |  |  |  |  |
| all\_opioids |  |  |  |  |  |  |  |  |  |
| opioid\_white | 0.440 (0.410, 0.470) | 12.192 (12.050, 12.334) |  |  |  |  |  |  |  |
| opioid\_black | 0.619 (0.517, 0.721) | 6.562 (6.316, 6.808) |  |  |  |  |  |  |  |
| heroin |  |  |  |  |  |  |  |  |  |
| heroin\_white | 0.135 (0.119, 0.151) | 4.826 (4.736, 4.916) | 12.203 (9.998, 14.453)\* | 2010-2014 | 33.471 (22.216, 45.763)\* | 2014-2016 | 18.424 (5.479, 32.958)\* |  |  |
| heroin\_black | 0.326 (0.254, 0.398) | 3.115 (2.946, 3.284) | 7.995 (6.789, 9.214)\* |  |  |  |  |  |  |
| methadone |  |  |  |  |  |  |  |  |  |
| methadone\_white | 0.053 (0.042, 0.063) | 1.206 (1.161, 1.250) | 1.937 (0.331, 3.569)\* | 2006-2011 | -5.174 (-7.451, -2.842)\* | 2011-2014 | -9.348 (-17.166, -0.793)\* | 2014-2016 | -1.001 (-10.161, 9.093) |
| methadone\_black | 0.036 (0.008, 0.063) | 0.579 (0.507, 0.651) | 0.073 (-3.921, 4.232) | 2006-2009 | -10.324 (-26.267, 9.067) | 2009-2016 | -0.443 (-3.064, 2.248) |  |  |
| other |  |  |  |  |  |  |  |  |  |
| other\_white | 0.252 (0.229, 0.275) | 8.165 (8.049, 8.281) | 10.137 (5.394, 15.093)\* | 2009-2014 | 2.677 (-2.502, 8.130) | 2014-2016 | 34.593 (18.371, 53.039)\* |  |  |
| other\_black | 0.258 (0.191, 0.325) | 4.180 (3.983, 4.377) | 8.519 (6.473, 10.605)\* |  |  |  |  |  |  |