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 | 0.7 (0.6, 0.8) | 1.9 (1.8, 1.9) | 2.6 (1.7, 3.5)\* | 1979-1993 | -0.8 (-2.8, 1.2) | 1993-2010 | 9.5 (8.6, 10.4)\* | 2010-2016 | -7.5 (-9.7, -5.3)\* |
| all\_opioids |  |  |  |  |  |  |  |  |  |
| opioid\_white | 0.4 (0.4, 0.5) | 12.2 (12.1, 12.3) |  | 1979-2007 | 11.1 (10.6, 11.6)\* | 2007-2013 | 4.0 (1.4, 6.6)\* | 2013-2016 | 18.1 (13.0, 23.6)\* |
| opioid\_black | 0.6 (0.5, 0.7) | 6.6 (6.3, 6.8) |  | 1979-1994 | 10.8 (8.5, 13.2)\* | 1994-2012 | 0.3 (-0.6, 1.2) | 2012-2016 | 27.6 (21.1, 34.3)\* |
| heroin |  |  |  |  |  |  |  |  |  |
| heroin\_white | 0.1 (0.1, 0.2) | 4.8 (4.7, 4.9) | 12.2 (10.0, 14.5)\* | 1979-1999 | 11.5 (10.1, 12.9)\* | 1999-2005 | 0.8 (-6.1, 8.2) | 2005-2010 | 11.5 (2.5, 21.4)\* |
| heroin\_black | 0.3 (0.3, 0.4) | 3.1 (2.9, 3.3) | 8.0 (6.8, 9.2)\* | 1979-1995 | 7.6 (5.6, 9.7)\* | 1995-2010 | -0.6 (-2.1, 1.0) | 2010-2016 | 34.0 (29.5, 38.6)\* |
| methadone |  |  |  |  |  |  |  |  |  |
| methadone\_white | 0.1 (0.0, 0.1) | 1.2 (1.2, 1.3) | 1.9 (0.3, 3.6)\* | 1979-1998 | -5.4 (-7.3, -3.5)\* | 1998-2003 | 43.1 (36.4, 50.0)\* | 2003-2006 | 20.2 (10.5, 30.8)\* |
| methadone\_black | 0.0 (0.0, 0.1) | 0.6 (0.5, 0.7) | 0.1 (-3.9, 4.2) | 1979-1987 | 2.0 (-9.3, 14.7) | 1987-1998 | -12.6 (-20.7, -3.6)\* | 1998-2006 | 23.7 (19.1, 28.6)\* |
| other |  |  |  |  |  |  |  |  |  |
| other\_white | 0.3 (0.2, 0.3) | 8.2 (8.0, 8.3) | 10.1 (5.4, 15.1)\* | 1979-1990 | 7.6 (2.2, 13.2)\* | 1990-1993 | 23.0 (-27.1, 107.3) | 1993-2009 | 9.3 (8.1, 10.6)\* |
| other\_black | 0.3 (0.2, 0.3) | 4.2 (4.0, 4.4) | 8.5 (6.5, 10.6)\* | 1979-1994 | 14.6 (10.2, 19.1)\* | 1994-2013 | -1.0 (-2.3, 0.3) | 2013-2016 | 48.2 (30.9, 67.7)\* |

## 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 | 0.7 (0.6, 0.8) | 1.9 (1.8, 1.9) | 2.6 (1.7, 3.5)\* |  |  |  |  |  |  |
| all\_opioids |  |  |  |  |  |  |  |  |  |
| opioid\_white | 0.4 (0.4, 0.5) | 12.2 (12.1, 12.3) |  |  |  |  |  |  |  |
| opioid\_black | 0.6 (0.5, 0.7) | 6.6 (6.3, 6.8) |  |  |  |  |  |  |  |
| heroin |  |  |  |  |  |  |  |  |  |
| heroin\_white | 0.1 (0.1, 0.2) | 4.8 (4.7, 4.9) | 12.2 (10.0, 14.5)\* | 2010-2014 | 33.5 (22.2, 45.8)\* | 2014-2016 | 18.4 (5.5, 33.0)\* |  |  |
| heroin\_black | 0.3 (0.3, 0.4) | 3.1 (2.9, 3.3) | 8.0 (6.8, 9.2)\* |  |  |  |  |  |  |
| methadone |  |  |  |  |  |  |  |  |  |
| methadone\_white | 0.1 (0.0, 0.1) | 1.2 (1.2, 1.3) | 1.9 (0.3, 3.6)\* | 2006-2011 | -5.2 (-7.5, -2.8)\* | 2011-2014 | -9.3 (-17.2, -0.8)\* | 2014-2016 | -1.0 (-10.2, 9.1) |
| methadone\_black | 0.0 (0.0, 0.1) | 0.6 (0.5, 0.7) | 0.1 (-3.9, 4.2) | 2006-2009 | -10.3 (-26.3, 9.1) | 2009-2016 | -0.4 (-3.1, 2.2) |  |  |
| other |  |  |  |  |  |  |  |  |  |
| other\_white | 0.3 (0.2, 0.3) | 8.2 (8.0, 8.3) | 10.1 (5.4, 15.1)\* | 2009-2014 | 2.7 (-2.5, 8.1) | 2014-2016 | 34.6 (18.4, 53.0)\* |  |  |
| other\_black | 0.3 (0.2, 0.3) | 4.2 (4.0, 4.4) | 8.5 (6.5, 10.6)\* |  |  |  |  |  |  |