eTable 9. Joinpoint results for white/black opioid mortality rate ratio, 1979-2015

# eTable 9: Joinpoint results for rate ratio (white/black) of opioid mortality, 1979-2015

## Average APC

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time period | Race | Outcome | Average APC (95% CI) | *P* value |
| 1979-2015 | NA | Rate Ratio (White/Black) | 3.10 (2.19, 4.01) | < 0.001 |

## Joinpoint Summary (Jump model)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time period | Race | Outcome | APC (95% CI) | *P* value |
| 1979-1993 | NA | Rate Ratio (White/Black) | -0.72 (-2.57, 1.16) | = 0.43 |
| 1993-2010 | NA | Rate Ratio (White/Black) | 9.31 (8.49, 10.14) | < 0.001 |
| 2010-2015 | NA | Rate Ratio (White/Black) | -6.07 (-8.98, -3.06) | < 0.001 |

## Joinpoint Model Estimates

### Estimates

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Race | Outcome | Year (95% CI) | Intercept (SE) | Intercept *P* Value | Slope (SE) | Slope *P* Value | Change in Slope (SE) | Slope Change *P* Value |
| NA | Rate Ratio (White/Black) | 1979 (Starting year) | 13.89 (18.22) | = 0.45 | -0.01 (0.01) | = 0.43 | NA | NA |
| NA | Rate Ratio (White/Black) | 1993 (1989, 1996) | -178.04 (7.37) | < 0.001 | 0.09 (0.00) | < 0.001 | 0.10 (0.01) | < 0.001 |
| NA | Rate Ratio (White/Black) | 2010 (2007, 2011) | 126.74 (31.02) | < 0.001 | -0.06 (0.02) | < 0.001 | -0.15 (0.02) | < 0.001 |

### Summary

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outcome | Race | Obs. (N) | Parameters | Degrees of Freedom | Sum of squared errors | Mean squared error |
| Rate Ratio (White/Black) | NA | 37 | 6 | 31 | 137.8237 | 4.445927 |