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 |
| 1979-2016 | NA | Rate Ratio (White/Black) | 2.61 (1.69, 3.55) | < 0.001 |

## Joinpoint Summary (Jump model)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time period | Race | Outcome | APC (95% CI) | *P* value |
| 1979-1993 | NA | Rate Ratio (White/Black) | -0.82 (-2.83, 1.23) | = 0.42 |
| 1993-2010 | NA | Rate Ratio (White/Black) | 9.47 (8.57, 10.37) | < 0.001 |
| 2010-2016 | NA | Rate Ratio (White/Black) | -7.52 (-9.69, -5.29) | < 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) | 15.77 (19.92) | = 0.43 | -0.01 (0.01) | = 0.42 | NA | NA |
| NA | Rate Ratio (White/Black) | 1993 (1989, 1996) | -180.91 (8.06) | < 0.001 | 0.09 (0.00) | < 0.001 | 0.10 (0.01) | < 0.001 |
| NA | Rate Ratio (White/Black) | 2010 (2009, 2012) | 157.98 (23.48) | < 0.001 | -0.08 (0.01) | < 0.001 | -0.17 (0.01) | < 0.001 |

### Summary

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Outcome | Race | Obs. (N) | Parameters | Degrees of Freedom | Sum of squared errors | Mean squared error |
| Rate Ratio (White/Black) | NA | 38 | 6 | 32 | 168.3272 | 5.260223 |