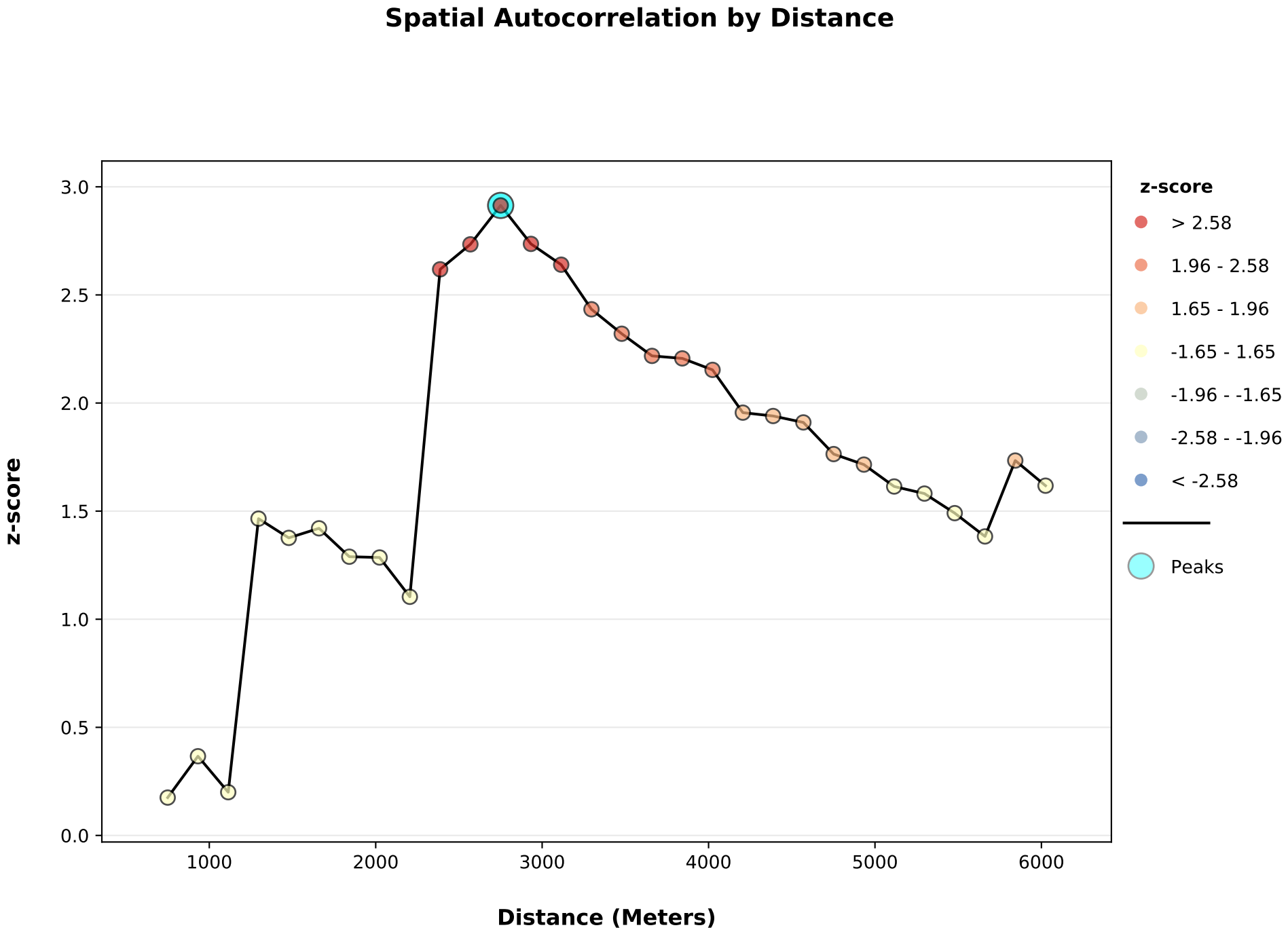
Spatial Autocorrelation by Distance
z-score
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1000
2000
3000
4000
5000
6000
Distance (Meters)
z-score
> 2.58
1.96 - 2.58
1.65 - 1.96
-1.65 - 1.65
-1.96 - -1.65
-2.58 - -1.96
< -2.58
Peaks

# Global Moran's I Summary by Distance

| Distance | Moran's Index | Expected Index | Variance | z-score | p-value |
|---|---|---|---|---|---|
| 750.00 | 0.000747 | -0.000092 | 0.000023 | 0.175094 | 0.861005 |
| 931.89 | 0.001455 | -0.000092 | 0.000018 | 0.366375 | 0.714085 |
| 1113.78 | 0.000676 | -0.000092 | 0.000015 | 0.199908 | 0.841553 |
| 1295.67 | 0.005044 | -0.000092 | 0.000012 | 1.465279 | 0.142845 |
| 1477.56 | 0.004386 | -0.000092 | 0.000011 | 1.376279 | 0.168735 |
| 1659.45 | 0.004238 | -0.000092 | 0.000009 | 1.420479 | 0.155468 |
| 1841.34 | 0.003618 | -0.000092 | 0.000008 | 1.289183 | 0.197335 |
| 2023.23 | 0.003424 | -0.000092 | 0.000007 | 1.285536 | 0.198605 |
| 2205.11 | 0.002798 | -0.000092 | 0.000007 | 1.103707 | 0.269720 |
| 2387.00 | 0.006480 | -0.000092 | 0.000006 | 2.618388 | 0.008835 |
| 2568.89 | 0.006497 | -0.000092 | 0.000006 | 2.733980 | 0.006257 |
| 2750.78 | 0.006649 | -0.000092 | 0.000005 | 2.913932 | 0.003569 |
| 2932.67 | 0.006015 | -0.000092 | 0.000005 | 2.736008 | 0.006219 |
| 3114.56 | 0.005615 | -0.000092 | 0.000005 | 2.639818 | 0.008295 |
| 3296.45 | 0.005009 | -0.000092 | 0.000004 | 2.433542 | 0.014952 |
| 3478.34 | 0.004632 | -0.000092 | 0.000004 | 2.320433 | 0.020317 |
| 3660.23 | 0.004298 | -0.000092 | 0.000004 | 2.217961 | 0.026557 |
| 3842.12 | 0.004157 | -0.000092 | 0.000004 | 2.206385 | 0.027357 |

# Global Moran's I Summary by Distance (Cont.)

| Distance | Moran's Index | Expected Index | Variance | z-score | p-value |
|---|---|---|---|---|---|
| 4024.01 | 0.003950 | -0.000092 | 0.000004 | 2.153357 | 0.031291 |
| 4205.90 | 0.003485 | -0.000092 | 0.000003 | 1.955538 | 0.050520 |
| 4387.79 | 0.003374 | -0.000092 | 0.000003 | 1.939984 | 0.052382 |
| 4569.68 | 0.003245 | -0.000092 | 0.000003 | 1.910259 | 0.056100 |
| 4751.57 | 0.002924 | -0.000092 | 0.000003 | 1.763852 | 0.077757 |
| 4933.45 | 0.002781 | -0.000092 | 0.000003 | 1.715240 | 0.086301 |
| 5115.34 | 0.002557 | -0.000092 | 0.000003 | 1.613883 | 0.106553 |
| 5297.23 | 0.002453 | -0.000092 | 0.000003 | 1.581147 | 0.113844 |
| 5479.12 | 0.002261 | -0.000092 | 0.000002 | 1.490679 | 0.136046 |
| 5661.01 | 0.002051 | -0.000092 | 0.000002 | 1.382975 | 0.166673 |
| 5842.90 | 0.002547 | -0.000092 | 0.000002 | 1.733909 | 0.082934 |
| 6024.79 | 0.002329 | -0.000092 | 0.000002 | 1.617672 | 0.105733 |

First Peak (Distance; Value): 2750.78; 2.913932

Max Peak (Distance; Value): 2750.78; 2.913932

Distance measured in Meters

# Incremental Autocorrelation Parameters

| Parameter Name | Input Value |
| --- | --- |
| Input Features | C:\Users\albe9057\Documents\GitHub\analysis-arcgisAndPython-trafficCrashes\src\nhtsa_analysi |
| Input Field | CRASH_RATE_FHWA |
| Number of Distance Bands | 30 |
| Beginning Distance | 750.000000 |
| Distance Increment | 181.889320 |
| Distance Method | EUCLIDEAN |
| Row Standardization | True |
| Selection Set | False |