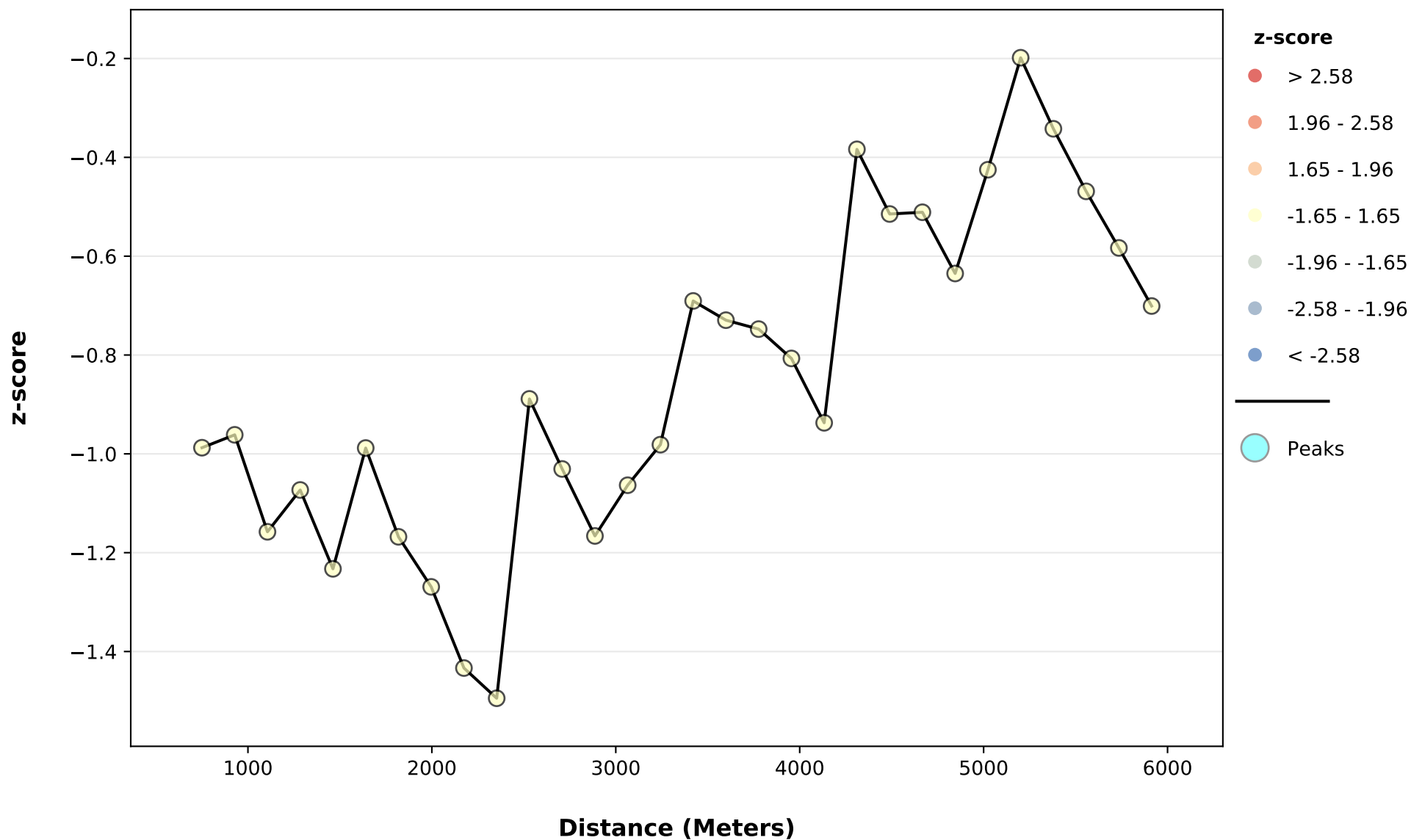


Spatial Autocorrelation by Distance



Global Moran's I Summary by Distance

| Distance | Moran's Index | Expected Index | Variance | z-score | p-value |
|----------|---------------|----------------|----------|-----------|----------|
| 750.00 | -0.009310 | -0.000324 | 0.000083 | -0.987591 | 0.323353 |
| 928.05 | -0.008052 | -0.000324 | 0.000065 | -0.961500 | 0.336301 |
| 1106.10 | -0.008732 | -0.000324 | 0.000053 | -1.157743 | 0.246969 |
| 1284.16 | -0.007477 | -0.000324 | 0.000044 | -1.073109 | 0.283222 |
| 1462.21 | -0.007942 | -0.000324 | 0.000038 | -1.232679 | 0.217696 |
| 1640.26 | -0.006060 | -0.000324 | 0.000034 | -0.988209 | 0.323050 |
| 1818.31 | -0.006728 | -0.000324 | 0.000030 | -1.167853 | 0.242866 |
| 1996.37 | -0.006940 | -0.000324 | 0.000027 | -1.269173 | 0.204380 |
| 2174.42 | -0.007459 | -0.000324 | 0.000025 | -1.433448 | 0.151730 |
| 2352.47 | -0.007453 | -0.000324 | 0.000023 | -1.494597 | 0.135020 |
| 2530.52 | -0.004402 | -0.000324 | 0.000021 | -0.888830 | 0.374094 |
| 2708.58 | -0.004881 | -0.000324 | 0.000020 | -1.030607 | 0.302725 |
| 2886.63 | -0.005301 | -0.000324 | 0.000018 | -1.166109 | 0.243570 |
| 3064.68 | -0.004711 | -0.000324 | 0.000017 | -1.063495 | 0.287557 |
| 3242.73 | -0.004249 | -0.000324 | 0.000016 | -0.981409 | 0.326391 |
| 3420.79 | -0.003007 | -0.000324 | 0.000015 | -0.690591 | 0.489822 |
| 3598.84 | -0.003081 | -0.000324 | 0.000014 | -0.729495 | 0.465699 |
| 3776.89 | -0.003076 | -0.000324 | 0.000014 | -0.747558 | 0.454727 |

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

| Distance | Moran's Index | Expected Index | Variance | z-score | p-value |
|----------|---------------|----------------|----------|-----------|----------|
| 3954.94 | -0.003221 | -0.000324 | 0.000013 | -0.806898 | 0.419725 |
| 4133.00 | -0.003608 | -0.000324 | 0.000012 | -0.937175 | 0.348668 |
| 4311.05 | -0.001638 | -0.000324 | 0.000012 | -0.383785 | 0.701138 |
| 4489.10 | -0.002047 | -0.000324 | 0.000011 | -0.514639 | 0.606805 |
| 4667.15 | -0.001999 | -0.000324 | 0.000011 | -0.511120 | 0.609267 |
| 4845.21 | -0.002362 | -0.000324 | 0.000010 | -0.635034 | 0.525406 |
| 5023.26 | -0.001662 | -0.000324 | 0.000010 | -0.425085 | 0.670774 |
| 5201.31 | -0.000937 | -0.000324 | 0.000010 | -0.198423 | 0.842714 |
| 5379.36 | -0.001361 | -0.000324 | 0.000009 | -0.342228 | 0.732179 |
| 5557.42 | -0.001719 | -0.000324 | 0.000009 | -0.468801 | 0.639212 |
| 5735.47 | -0.002029 | -0.000324 | 0.000009 | -0.583269 | 0.559712 |
| 5913.52 | -0.002338 | -0.000324 | 0.000008 | -0.700852 | 0.483396 |

First Peak (Distance; Value): None; None

Max Peak (Distance; Value): None; None

Distance measured in Meters

Incremental Autocorrelation Parameters

| Parameter Name | Input Value |
|--------------------------|---|
| Input Features | C:\Users\albe9057\Documents\GitHub\traffic_accidents_spatial_analysis\src\nhtsa_analysis\..\w |
| Input Field | CRASH_RATE_FHWA |
| Number of Distance Bands | 30 |
| Beginning Distance | 750.000000 |
| Distance Increment | 178.052418 |
| Distance Method | EUCLIDEAN |
| Row Standardization | True |
| Selection Set | False |