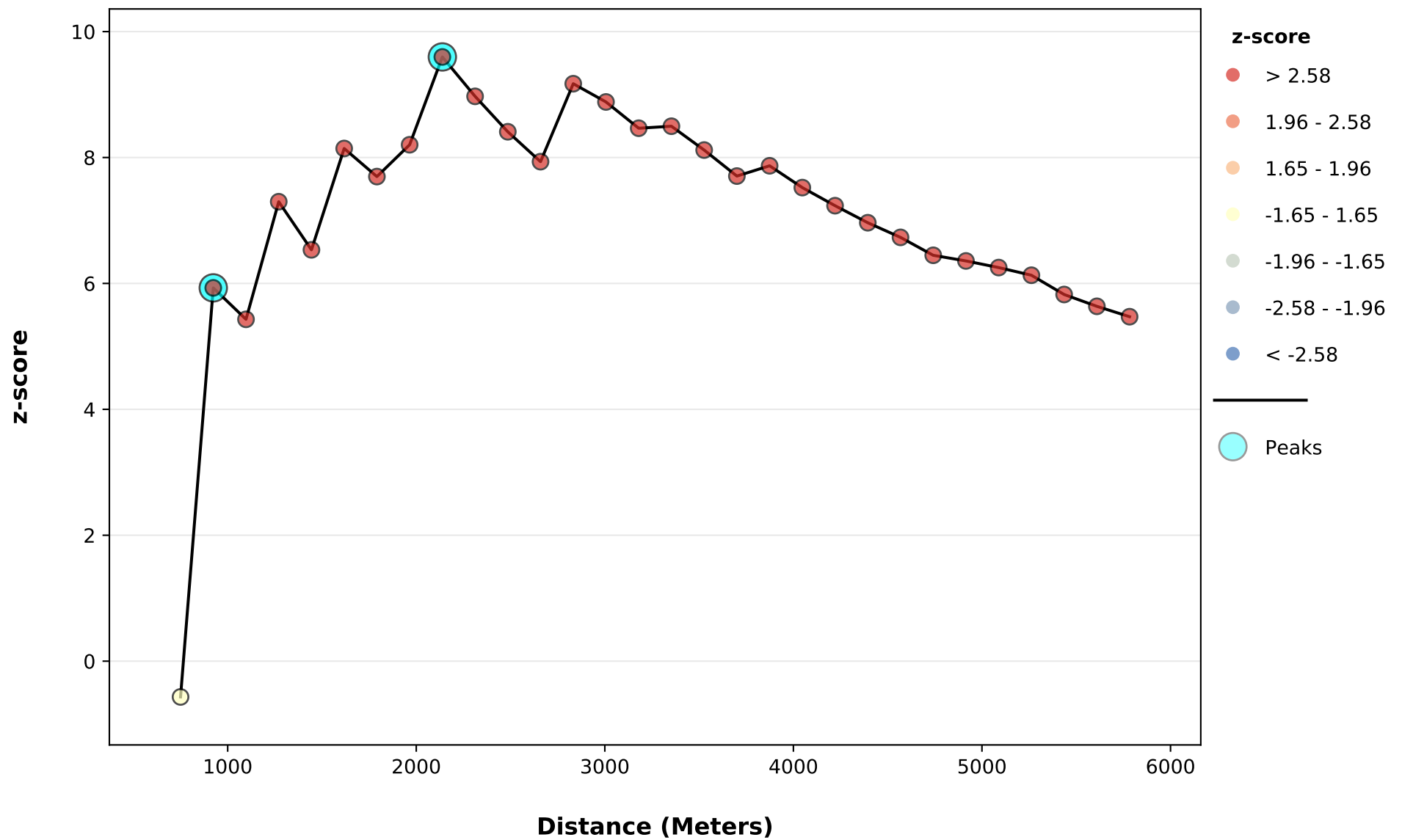Spatial Autocorrelation by Distance

Global Moran's I Summary by Distance

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
750.00	-0.003584	-0.000145	0.000037	-0.568044	0.570005
923.55	0.031888	-0.000145	0.000029	5.929211	0.000000
1097.10	0.026481	-0.000145	0.000024	5.429646	0.000000
1270.65	0.032814	-0.000145	0.000020	7.297959	0.000000
1444.20	0.027284	-0.000145	0.000018	6.533496	0.000000
1617.75	0.031801	-0.000145	0.000015	8.143430	0.000000
1791.30	0.028315	-0.000145	0.000014	7.697052	0.000000
1964.85	0.028709	-0.000145	0.000012	8.202624	0.000000
2138.40	0.032134	-0.000145	0.000011	9.597320	0.000000
2311.95	0.028823	-0.000145	0.000010	8.971522	0.000000
2485.49	0.025973	-0.000145	0.000010	8.408947	0.000000
2659.04	0.023625	-0.000145	0.000009	7.933762	0.000000
2832.59	0.026412	-0.000145	0.000008	9.172051	0.000000
3006.14	0.024774	-0.000145	0.000008	8.882427	0.000000
3179.69	0.022893	-0.000145	0.000007	8.465115	0.000000
3353.24	0.022342	-0.000145	0.000007	8.496962	0.000000
3526.79	0.020768	-0.000145	0.000007	8.118353	0.000000
3700.34	0.019186	-0.000145	0.000006	7.705159	0.000000

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

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
3873.89	0.019108	-0.000145	0.000006	7.868539	0.000000
4047.44	0.017830	-0.000145	0.000006	7.522083	0.000000
4220.99	0.016750	-0.000145	0.000005	7.234656	0.000000
4394.54	0.015766	-0.000145	0.000005	6.963995	0.000000
4568.09	0.014915	-0.000145	0.000005	6.731404	0.000000
4741.64	0.013990	-0.000145	0.000005	6.446749	0.000000
4915.19	0.013524	-0.000145	0.000005	6.357142	0.000000
5088.74	0.013046	-0.000145	0.000004	6.251975	0.000000
5262.29	0.012552	-0.000145	0.000004	6.130075	0.000000
5435.84	0.011704	-0.000145	0.000004	5.824068	0.000000
5609.38	0.011127	-0.000145	0.000004	5.636385	0.000000
5782.93	0.010617	-0.000145	0.000004	5.471382	0.000000

First Peak (Distance; Value): 923.55; 5.929211

Max Peak (Distance; Value): 2138.40; 9.597320

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	173.549460
Distance Method	EUCLIDEAN
Row Standardization	True
Selection Set	False