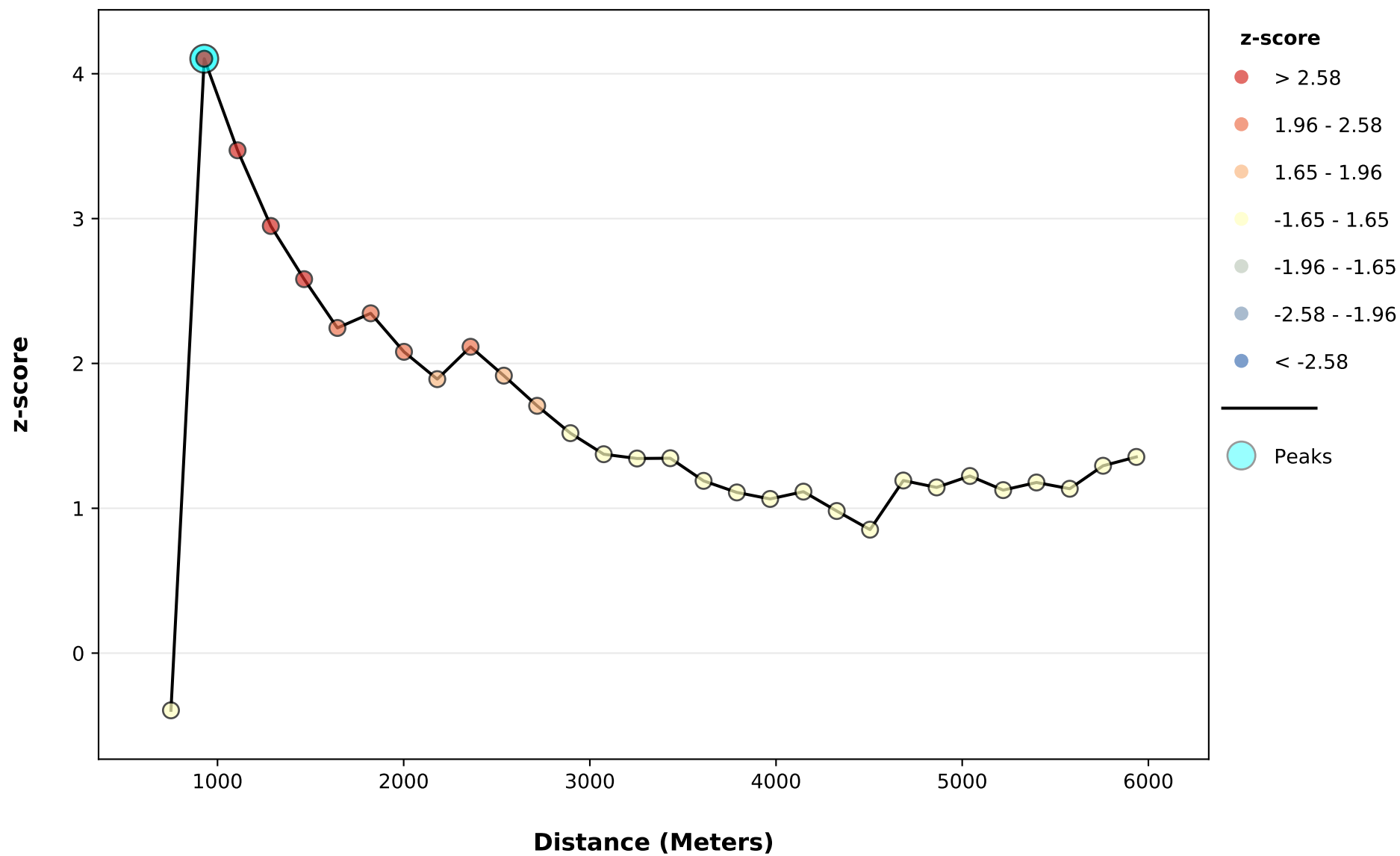Spatial Autocorrelation by Distance

Global Moran's I Summary by Distance

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
750.00	-0.001848	-0.000081	0.000020	-0.394911	0.692908
928.80	0.016132	-0.000081	0.000016	4.103646	0.000041
1107.61	0.012313	-0.000081	0.000013	3.471611	0.000517
1286.41	0.009576	-0.000081	0.000011	2.948926	0.003189
1465.22	0.007689	-0.000081	0.000009	2.581800	0.009829
1644.02	0.006276	-0.000081	0.000008	2.244941	0.024772
1822.83	0.006216	-0.000081	0.000007	2.346036	0.018974
2001.63	0.005242	-0.000081	0.000007	2.080220	0.037505
2180.43	0.004541	-0.000081	0.000006	1.891518	0.058555
2359.24	0.004870	-0.000081	0.000005	2.114866	0.034441
2538.04	0.004228	-0.000081	0.000005	1.915618	0.055414
2716.85	0.003625	-0.000081	0.000005	1.707476	0.087734
2895.65	0.003100	-0.000081	0.000004	1.518572	0.128870
3074.45	0.002696	-0.000081	0.000004	1.373195	0.169692
3253.26	0.002552	-0.000081	0.000004	1.343711	0.179042
3432.06	0.002485	-0.000081	0.000004	1.345593	0.178434
3610.87	0.002125	-0.000081	0.000003	1.189253	0.234340
3789.67	0.001924	-0.000081	0.000003	1.109368	0.267272

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

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
3968.48	0.001796	-0.000081	0.000003	1.064477	0.287113
4147.28	0.001838	-0.000081	0.000003	1.114798	0.264937
4326.08	0.001570	-0.000081	0.000003	0.981191	0.326498
4504.89	0.001321	-0.000081	0.000003	0.852296	0.394050
4683.69	0.001835	-0.000081	0.000003	1.191650	0.233398
4862.50	0.001722	-0.000081	0.000002	1.144029	0.252612
5041.30	0.001810	-0.000081	0.000002	1.222901	0.221367
5220.11	0.001626	-0.000081	0.000002	1.125462	0.260393
5398.91	0.001673	-0.000081	0.000002	1.178057	0.238774
5577.71	0.001578	-0.000081	0.000002	1.134781	0.256467
5756.52	0.001777	-0.000081	0.000002	1.293532	0.195827
5935.32	0.001831	-0.000081	0.000002	1.354455	0.175591

First Peak (Distance; Value): 928.80; 4.103646

Max Peak (Distance; Value): 928.80; 4.103646

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	178.804201
Distance Method	EUCLIDEAN
Row Standardization	True
Selection Set	False