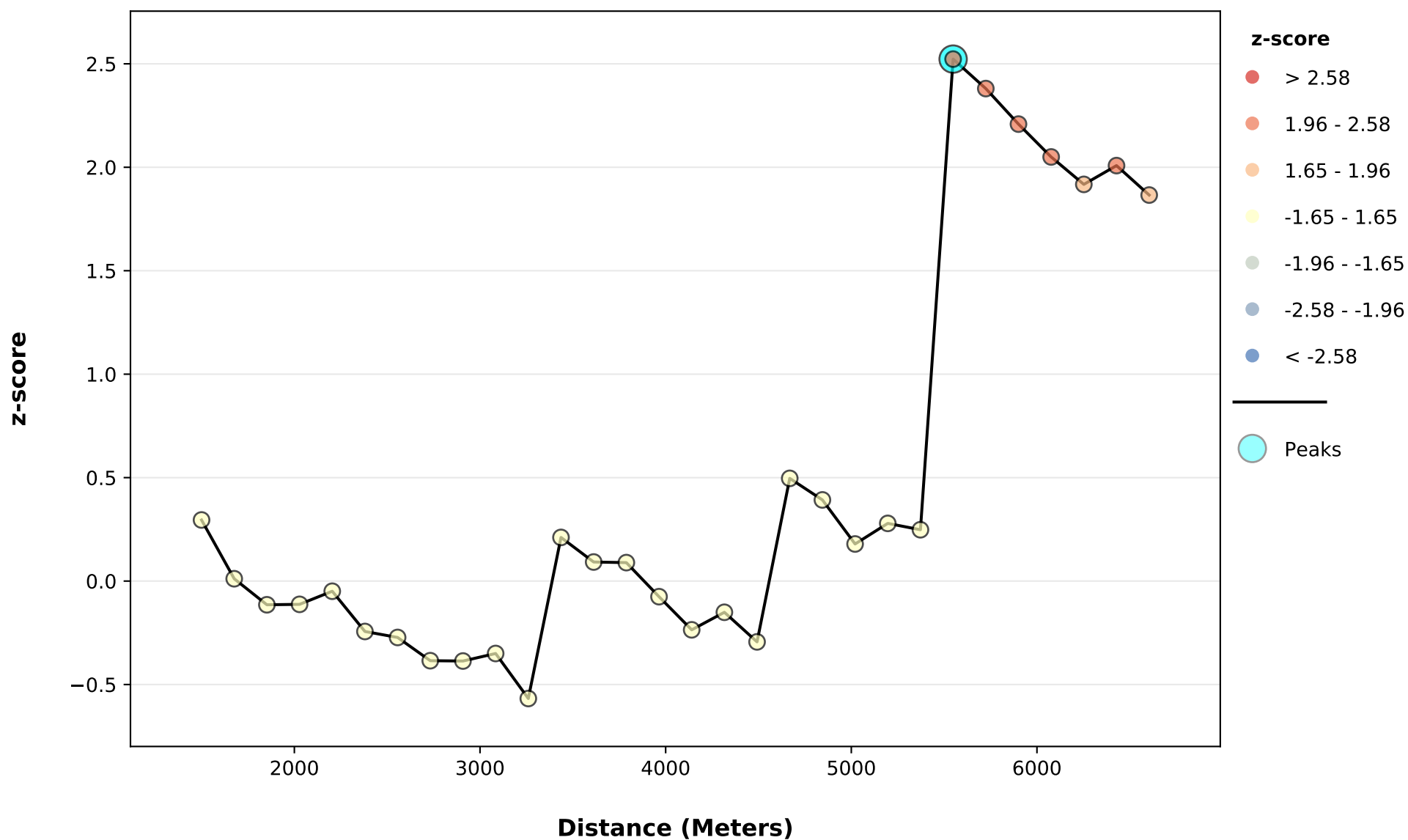Spatial Autocorrelation by Distance

Global Moran's I Summary by Distance

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
1500.00	0.000631	-0.000045	0.000005	0.295303	0.767763
1676.02	-0.000021	-0.000045	0.000005	0.011305	0.990980
1852.04	-0.000279	-0.000045	0.000004	-0.114518	0.908827
2028.06	-0.000263	-0.000045	0.000004	-0.112430	0.910483
2204.07	-0.000136	-0.000045	0.000003	-0.049088	0.960849
2380.09	-0.000480	-0.000045	0.000003	-0.243612	0.807531
2556.11	-0.000512	-0.000045	0.000003	-0.272450	0.785276
2732.13	-0.000681	-0.000045	0.000003	-0.384861	0.700341
2908.15	-0.000660	-0.000045	0.000003	-0.386392	0.699207
3084.17	-0.000584	-0.000045	0.000002	-0.350032	0.726315
3260.19	-0.000892	-0.000045	0.000002	-0.567591	0.570313
3436.21	0.000261	-0.000045	0.000002	0.211011	0.832879
3612.22	0.000085	-0.000045	0.000002	0.092128	0.926596
3788.24	0.000078	-0.000045	0.000002	0.089212	0.928913
3964.26	-0.000146	-0.000045	0.000002	-0.075394	0.939901
4140.28	-0.000353	-0.000045	0.000002	-0.235644	0.813709
4316.30	-0.000238	-0.000045	0.000002	-0.150809	0.880127
4492.32	-0.000412	-0.000045	0.000002	-0.293885	0.768846

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

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
4668.34	0.000562	-0.000045	0.000001	0.496453	0.619575
4844.36	0.000425	-0.000045	0.000001	0.392275	0.694855
5020.37	0.000165	-0.000045	0.000001	0.179272	0.857724
5196.39	0.000276	-0.000045	0.000001	0.278835	0.780371
5372.41	0.000235	-0.000045	0.000001	0.248085	0.804069
5548.43	0.002750	-0.000045	0.000001	2.522805	0.011642
5724.45	0.002546	-0.000045	0.000001	2.380338	0.017297
5900.47	0.002318	-0.000045	0.000001	2.208623	0.027201
6076.49	0.002112	-0.000045	0.000001	2.049875	0.040377
6252.50	0.001940	-0.000045	0.000001	1.917307	0.055199
6428.52	0.002003	-0.000045	0.000001	2.008072	0.044636
6604.54	0.001829	-0.000045	0.000001	1.865722	0.062080

First Peak (Distance; Value): 5548.43; 2.522805

Max Peak (Distance; Value): 5548.43; 2.522805

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	1500.000000
Distance Increment	176.018692
Distance Method	EUCLIDEAN
Row Standardization	True
Selection Set	False