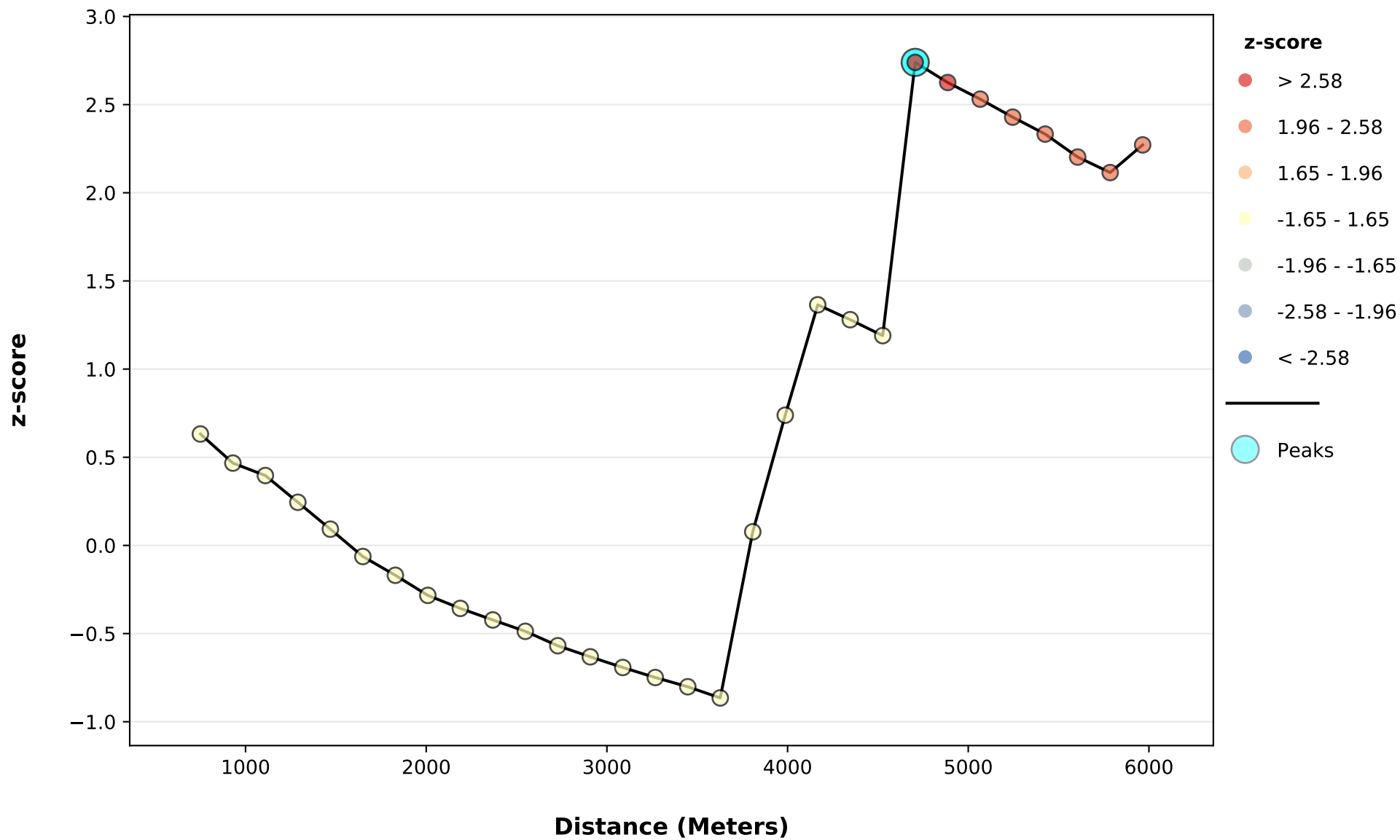Spatial Autocorrelation by Distance

Global Moran's I Summary by Distance

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
750.00	0.003403	-0.000120	0.000031	0.631791	0.527523
929.84	0.002182	-0.000120	0.000024	0.466917	0.640559
1109.68	0.001648	-0.000120	0.000020	0.396397	0.691812
1289.52	0.000881	-0.000120	0.000017	0.244604	0.806763
1469.36	0.000229	-0.000120	0.000014	0.092198	0.926541
1649.19	-0.000345	-0.000120	0.000013	-0.062901	0.949846
1829.03	-0.000693	-0.000120	0.000011	-0.169357	0.865516
2008.87	-0.001031	-0.000120	0.000010	-0.283301	0.776946
2188.71	-0.001218	-0.000120	0.000009	-0.357203	0.720940
2368.55	-0.001364	-0.000120	0.000009	-0.422691	0.672521
2548.39	-0.001499	-0.000120	0.000008	-0.487215	0.626106
2728.23	-0.001672	-0.000120	0.000007	-0.568948	0.569391
2908.07	-0.001785	-0.000120	0.000007	-0.631853	0.527483
3087.91	-0.001884	-0.000120	0.000006	-0.692337	0.488726
3267.75	-0.001973	-0.000120	0.000006	-0.749176	0.453751
3447.58	-0.002046	-0.000120	0.000006	-0.801578	0.422797
3627.42	-0.002143	-0.000120	0.000005	-0.864903	0.387092
3807.26	0.000056	-0.000120	0.000005	0.077266	0.938412

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

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
3987.10	0.001522	-0.000120	0.000005	0.738653	0.460118
4166.94	0.002842	-0.000120	0.000005	1.364587	0.172383
4346.78	0.002597	-0.000120	0.000005	1.280224	0.200467
4526.62	0.002350	-0.000120	0.000004	1.189800	0.234125
4706.46	0.005447	-0.000120	0.000004	2.739522	0.006153
4886.30	0.005108	-0.000120	0.000004	2.625291	0.008658
5066.13	0.004824	-0.000120	0.000004	2.531053	0.011372
5245.97	0.004537	-0.000120	0.000004	2.428922	0.015144
5425.81	0.004272	-0.000120	0.000004	2.332825	0.019657
5605.65	0.003956	-0.000120	0.000003	2.202595	0.027623
5785.49	0.003728	-0.000120	0.000003	2.114690	0.034456
5965.33	0.003946	-0.000120	0.000003	2.271542	0.023114

First Peak (Distance; Value): 4706.46; 2.739522

Max Peak (Distance; Value): 4706.46; 2.739522

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	179.838938
Distance Method	EUCLIDEAN
Row Standardization	True
Selection Set	False