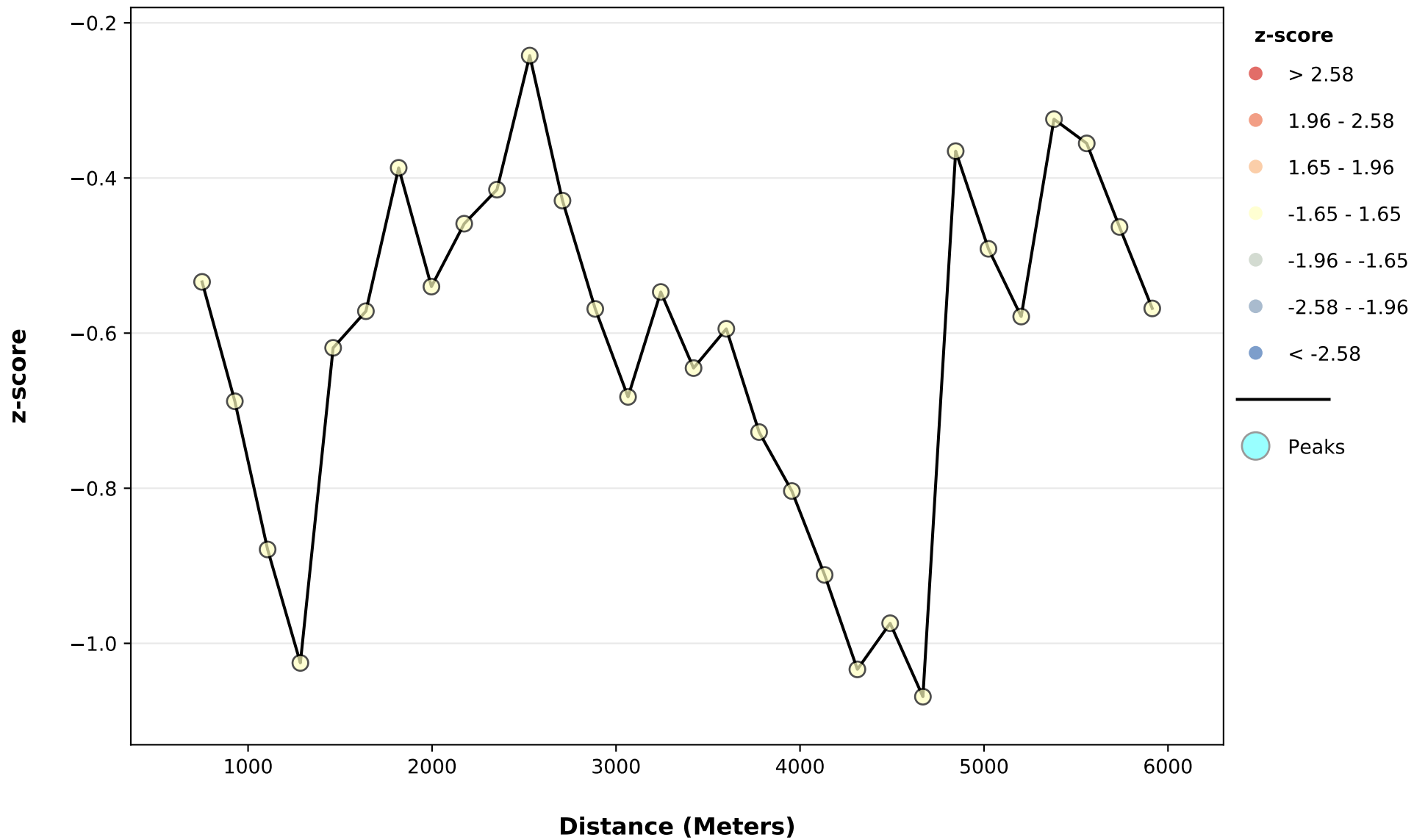Spatial Autocorrelation by Distance

Global Moran's I Summary by Distance

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
750.00	-0.003259	-0.000132	0.000034	-0.533944	0.593380
928.09	-0.003691	-0.000132	0.000027	-0.687891	0.491522
1106.18	-0.004244	-0.000132	0.000022	-0.878940	0.379434
1284.26	-0.004534	-0.000132	0.000018	-1.025226	0.305257
1462.35	-0.002587	-0.000132	0.000016	-0.618979	0.535930
1640.44	-0.002253	-0.000132	0.000014	-0.571752	0.567490
1818.53	-0.001493	-0.000132	0.000012	-0.386888	0.698839
1996.62	-0.001944	-0.000132	0.000011	-0.540028	0.589178
2174.70	-0.001603	-0.000132	0.000010	-0.458935	0.646281
2352.79	-0.001407	-0.000132	0.000009	-0.415008	0.678136
2530.88	-0.000847	-0.000132	0.000009	-0.242166	0.808652
2708.97	-0.001353	-0.000132	0.000008	-0.429166	0.667802
2887.06	-0.001694	-0.000132	0.000008	-0.568818	0.569480
3065.14	-0.001943	-0.000132	0.000007	-0.682209	0.495107
3243.23	-0.001539	-0.000132	0.000007	-0.546957	0.584408
3421.32	-0.001746	-0.000132	0.000006	-0.645088	0.518870
3599.41	-0.001579	-0.000132	0.000006	-0.594433	0.552223
3777.50	-0.001858	-0.000132	0.000006	-0.727580	0.466871

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

Distance	Moran's Index	Expected Index	Variance	z-score	p-value
3955.58	-0.001991	-0.000132	0.000005	-0.803580	0.421640
4133.67	-0.002191	-0.000132	0.000005	-0.911744	0.361903
4311.76	-0.002413	-0.000132	0.000005	-1.033535	0.301354
4489.85	-0.002234	-0.000132	0.000005	-0.974061	0.330027
4667.94	-0.002389	-0.000132	0.000004	-1.068739	0.285187
4846.02	-0.000888	-0.000132	0.000004	-0.365391	0.714820
5024.11	-0.001129	-0.000132	0.000004	-0.491290	0.623221
5202.20	-0.001284	-0.000132	0.000004	-0.578651	0.562825
5380.29	-0.000766	-0.000132	0.000004	-0.324171	0.745808
5558.38	-0.000815	-0.000132	0.000004	-0.355393	0.722295
5736.46	-0.001006	-0.000132	0.000004	-0.463125	0.643275
5914.55	-0.001186	-0.000132	0.000003	-0.568174	0.569917

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	178.088006
Distance Method	EUCLIDEAN
Row Standardization	True
Selection Set	False