Table 1. Moran's *I* and Geary's *C* with different weight matrices.

Approaches and weights			Moran's *I*				Geary's *C*			
Method	**Distance technique**	**Weight**	**Calculated value**	***Z*-value**	***P*-value**	**Outcome**	**Calculated value**	***Z*-value**	***P*-value**	**Outcome**
Inverse distance	Euclidean	0.01	0.0502	63.6125	0.001	Significant positive spatial autocorrelation (clustering).	0.9577	-0.0211	0.9831	Significant negative spatial autocorrelation (disperse)
		0.02	0.0357	76.7998	0.001	Significant positive spatial autocorrelation (clustering).	1.0255	0.0128	0.9898	Insignificant positive spatial autocorrelation
		0.03	0.0292	85.0308	0.001	Significant positive spatial autocorrelation (clustering).	1.0699	0.0349	0.9721	Insignificant positive spatial autocorrelation
		0.04	0.0249	90.42	0.001	Significant positive spatial autocorrelation (clustering).	1.0873	0.0431	0.9651	Insignificant positive spatial autocorrelation
		0.05	0.0225	97.4645	0.001	Significant positive spatial autocorrelation (clustering).	1.0947	0.0474	0.9622	Insignificant positive spatial autocorrelation
Inverse distance squared	Manhattan	0.01	0.0506	79.2078	0.001	Significant positive spatial autocorrelation (clustering).	0.9400	-0.0210	0.9761	Significant negative spatial autocorrelation (disperse)

		0.02	0.0289	85.9983	0.001	Significant positive spatial autocorrelation (clustering).	1.0111	0.0004	0.9997	Insignificant nt positive spatial autocorrelation
		0.03	0.022	94.8797	0.001	Significant positive spatial autocorrelation (clustering).	1.0450	0.0224	0.9821	Insignificant positive spatial autocorrelation
		0.04	0.0172	100.1923	0.001	Significant positive spatial autocorrelation (clustering).	1.0720	0.0361	0.9712	Insignificant positive spatial autocorrelation
		0.05	0.0152	110.8844	0.001	Significant positive spatial autocorrelation (clustering).	1.0852	0.0426	0.9660	Insignificant t positive spatial autocorrelation
K-nearest neighbour	Nil	k= 8	0.0848	36.6989	0.001	Significant positive spatial autocorrelation (clustering).	0.5676	-0.2162	0.8288	Significant negative spatial autocorrelation (disperse)

		k= 9	0.0852	35.0418	0.001	Significant positive spatial autocorrelation (clustering).	0.5577	-0.2211	0.8249	Significant negative spatial autocorrelation (disperse)
		k= 10	0.0862	33.4047	0.001	Significant positive spatial autocorrelation (clustering).	0.5557	-0.2221	0.8242	Significant negative spatial autocorrelation (disperse)
		k = 15	0.0779	41.2974	0.001	Significant positive spatial autocorrelation (clustering).	0.5407	-0.2296	0.8184	Significant negative spatial autocorrelation (disperse)
Queen contiguity	Nil	Nil	0.0847	30.3480	0.001	Significant positive spatial autocorrelation (clustering).	1.0000	1.4181	0.9998	Insignificant positive spatial autocorrelation