Appendix 2

In this appendix, we describe 2 equations for calculating Moran’s I index.

Moran’s I define as:

\[ I_i = \frac{x_i - \bar{x}}{S_0} \sum_{j=1}^{n} w_{ij} (x_i - \bar{x}) \]

Where \( w_{ij} \) is the spatial weight between features \( i \) and \( j \), \( n \) is equal to the total number of features, and \( S_0 \) is the aggregate of all the spatial weights:

\[ S_0 = \sum_{i=1}^{n} \sum_{j=1}^{n} w_{ij} \]