**Homework-09**

**The questions:**

1. Local estimates of Moran’s I and Geary’s C are often used to identify spatial clustering/hotspots) and outliers in attribute values. Please point out which conditions indicate hotspots and which ones indicate outliers.
2. When working with lattice data, there are typically two forms of filters used for the weight matrix. Please points the following filters, and give their spatial weights matrices, respectively. Also, please write a line code for create the weighting matrix according to any one of the weight filters.

**Requirement:**

Submit your work before May 1, 2024