

GE5230 - Week 8 - Lab Session

date: 2025-03-10

lecturer: Benny

submission: 2025-04-05 (Saturday) 23.59 (together with week 10 lab)

Data

ODIO_all_202306.csv.xz

Tasks

(total 5)

Exercise on generating spatial weights.

For each of the spatial weighting schemes:

1. Queens-1 level,
2. Rook-1 level,
3. Queens-3 levels,
4. Rook-3 levels,
5. distance band (2000 m)

Count the:

- number of islands,
- number of components,
- min numbers of neighbors,
- max numbers of neighbors, and
- average numbers of neighbors.