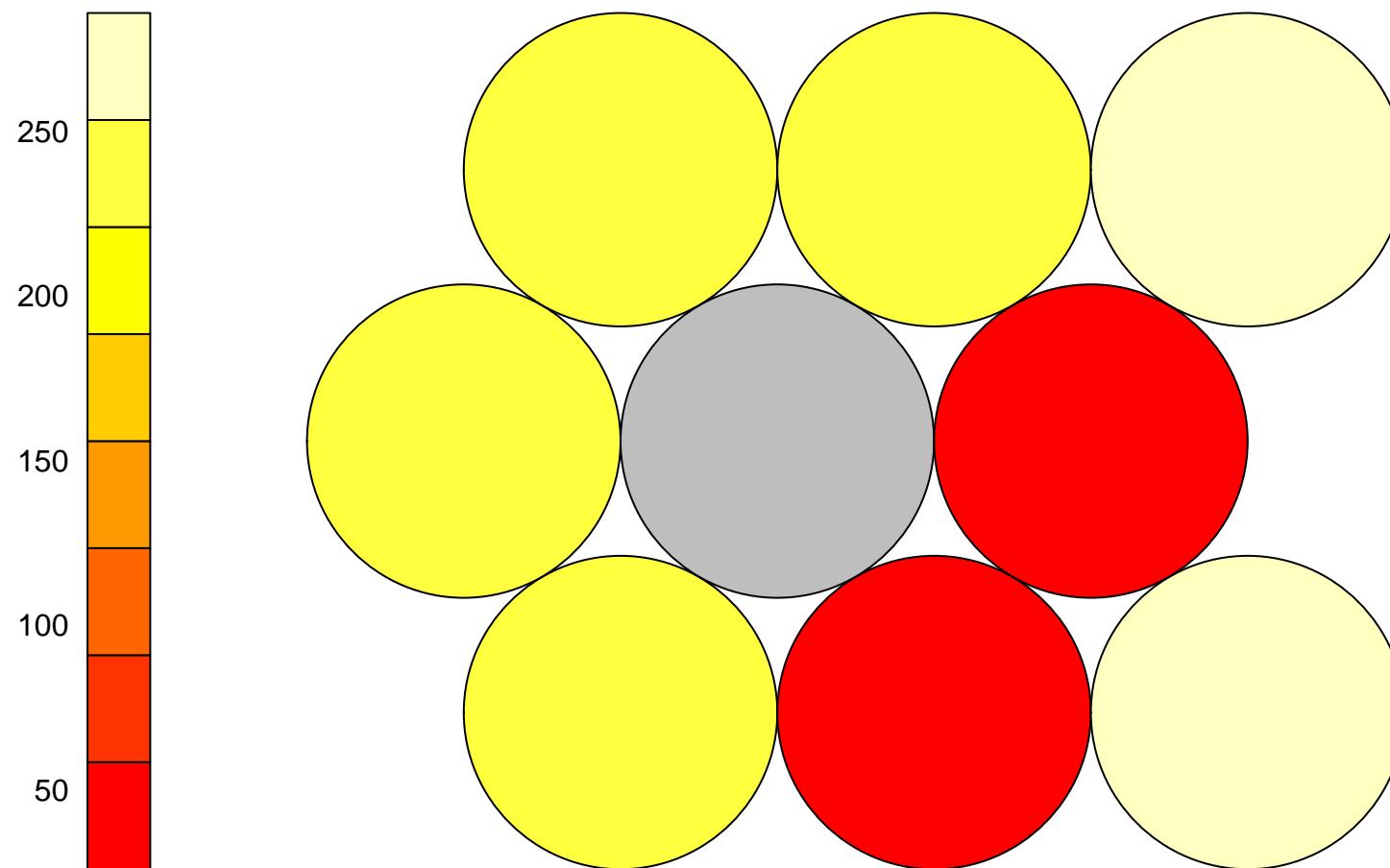
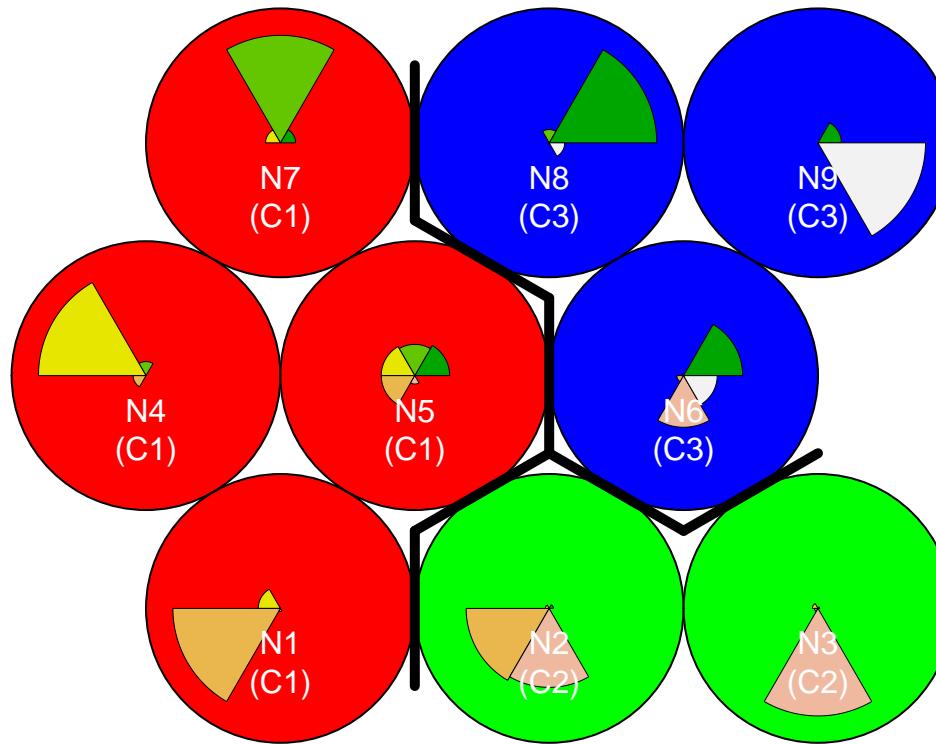


SOM – Counts (k = 3)



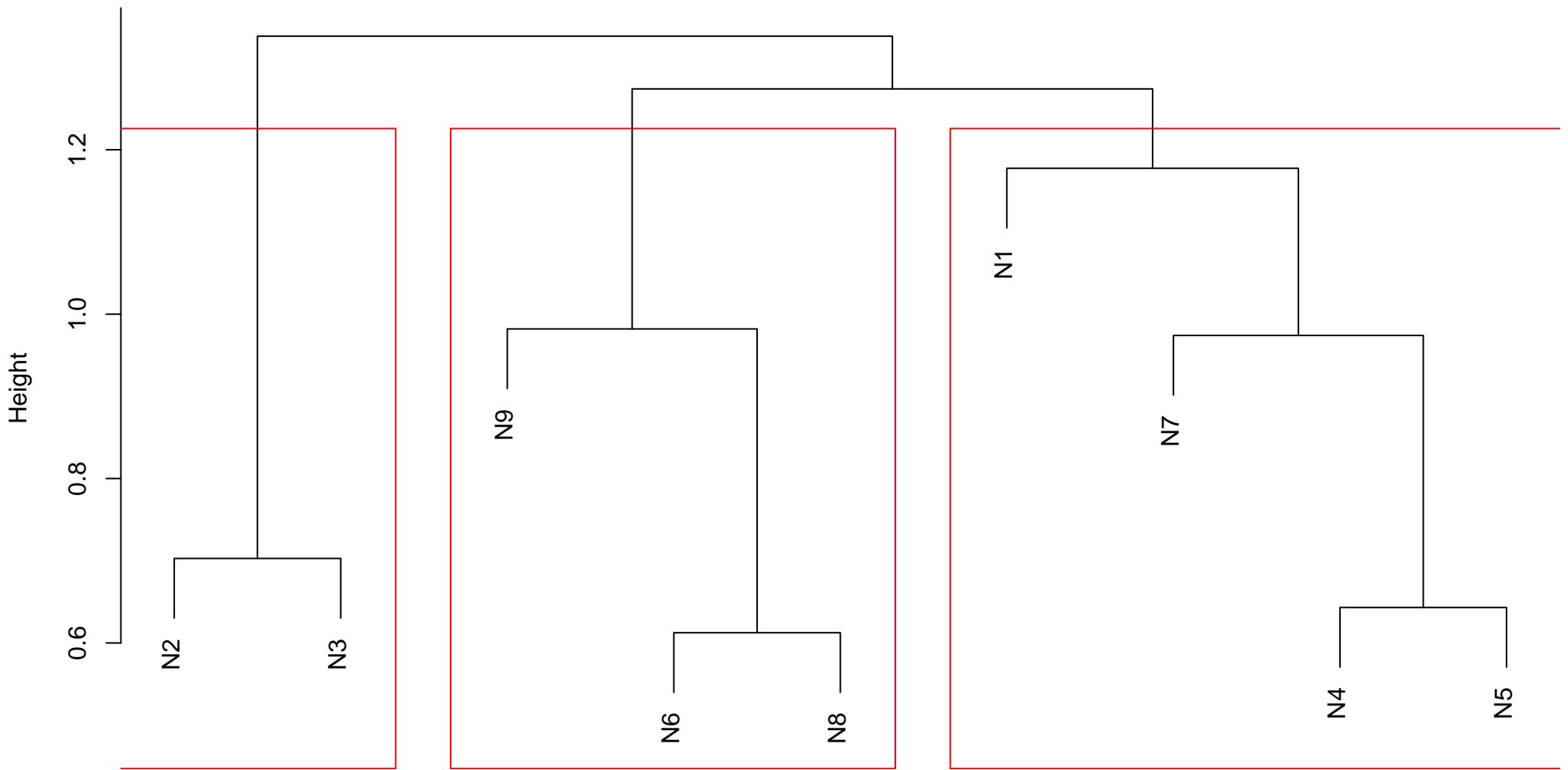
SOM – Clusters (k = 3)



| neuron | Y.Beach | Y.Sunset | Y.FallFoliage | Y.Field | Y.Mountain | Y.Urban | |
|--------|---------|----------|---------------|---------|------------|---------|-----|
| 1 | 1 | 1 | 0 | 16 | 235 | 0 | 0 |
| 2 | 2 | 0 | 0 | 0 | 50 | 50 | 0 |
| 3 | 3 | 0 | 0 | 9 | 0 | 279 | 0 |
| 4 | 4 | 0 | 0 | 240 | 0 | 0 | 0 |
| 5 | 6 | 25 | 0 | 0 | 0 | 26 | 1 |
| 6 | 7 | 0 | 243 | 0 | 0 | 0 | 0 |
| 7 | 8 | 246 | 0 | 0 | 0 | 0 | 0 |
| 8 | 9 | 12 | 0 | 0 | 4 | 0 | 286 |

Grid: gaussian_hexagonal | rlen: 1500 | radius: 5 | alpha1: 0.5 | alpha2: 0.01 | QE Teste: 0.0824805513829563

Cluster Dendrogram



dist(codebook.matrix.best.result)
hclust (*, "complete")

| cluster | Y.Beach | Y.Sunset | Y.FallFoliage | Y.Field | Y.Mountain | Y.Urban | |
|----------------|----------------|-----------------|----------------------|----------------|-------------------|----------------|-----|
| 1 | 1 | 1 | 243 | 256 | 235 | 0 | 0 |
| 2 | 2 | 0 | 0 | 9 | 50 | 329 | 0 |
| 3 | 3 | 283 | 0 | 0 | 4 | 26 | 287 |

| | cluster | combinacao | frequencia |
|---|----------------|-------------------|-------------------|
| 5 | 1 | 100100 | 1 |
| 3 | 1 | 001100 | 16 |
| 1 | 1 | 000100 | 218 |
| 2 | 1 | 001000 | 240 |
| 4 | 1 | 010000 | 243 |

| | cluster | combinacao | frequencia |
|---|----------------|-------------------|-------------------|
| 3 | 2 | 001010 | 9 |
| 2 | 2 | 000110 | 50 |
| 1 | 2 | 000010 | 270 |

| | cluster | combinacao | frequencia |
|---|----------------|-------------------|-------------------|
| 2 | 3 | 000011 | 1 |
| 3 | 3 | 000101 | 4 |
| 5 | 3 | 100001 | 12 |
| 6 | 3 | 100010 | 25 |
| 4 | 3 | 100000 | 246 |
| 1 | 3 | 000001 | 270 |