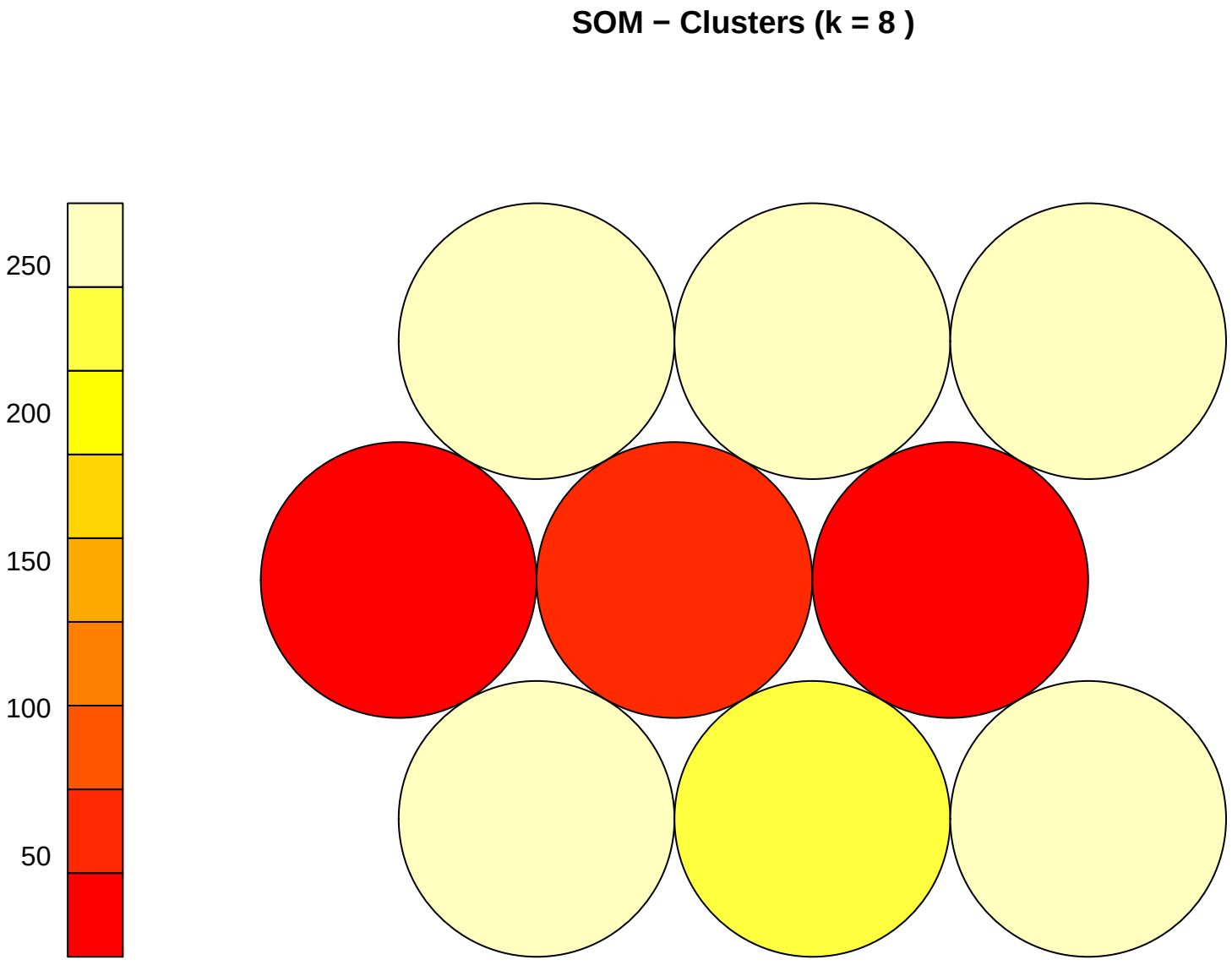
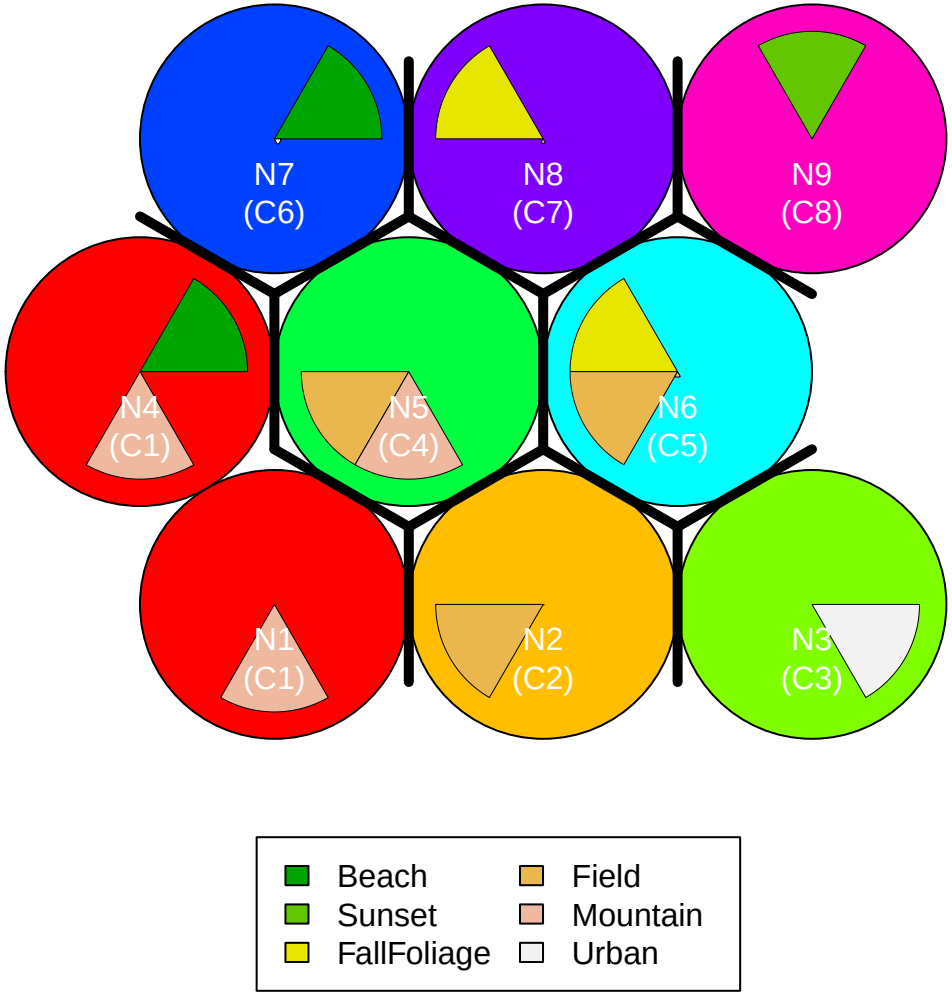
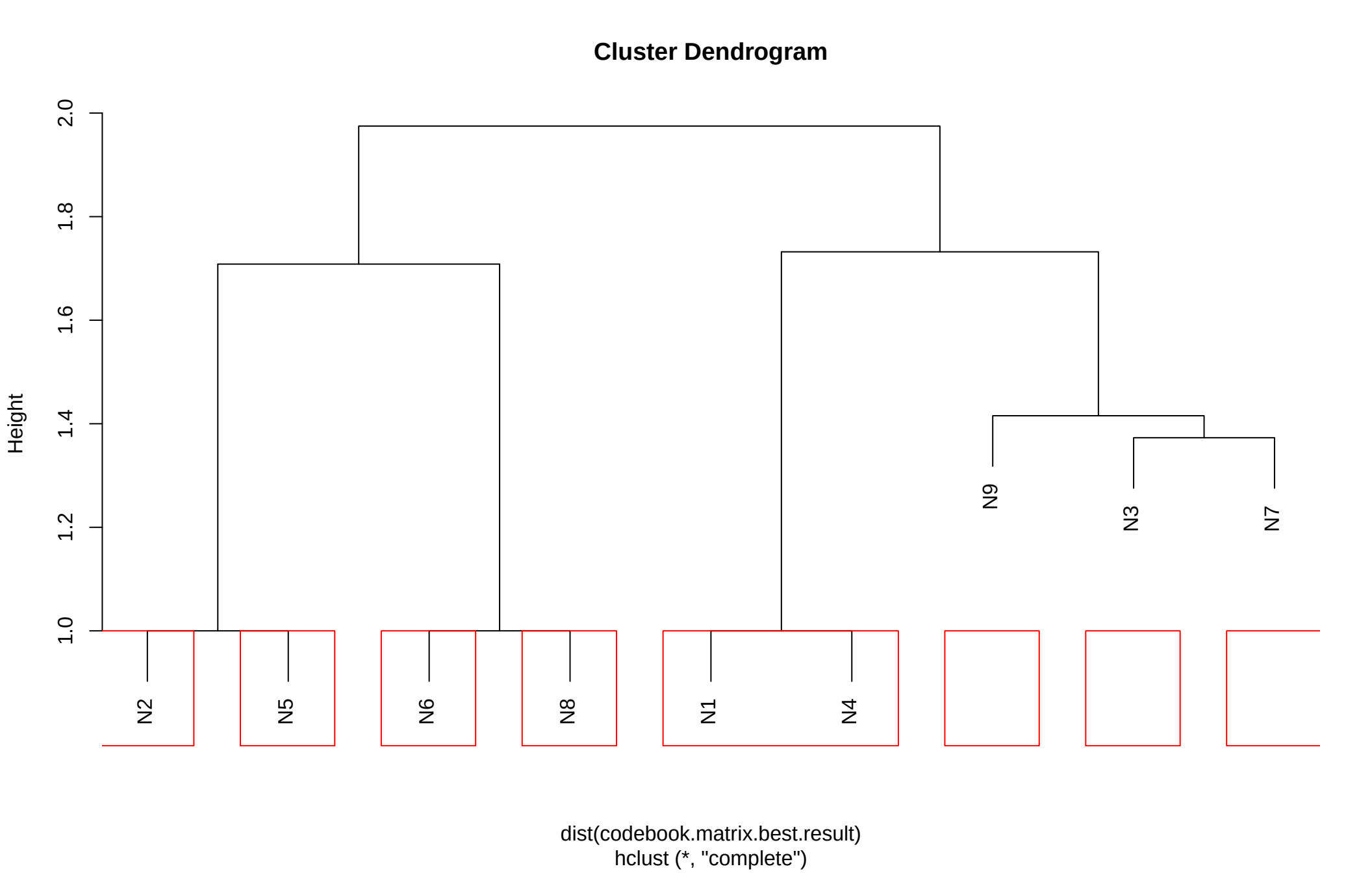

SOM − Clusters (k = 8 )
250
200
150
100
50

# SOM − Clusters (k = 8 )



| | neuron | Y.Beach | Y.Sunset | Y.FallFoliage | Y.Field | Y.Mountain | Y.Urban |
|---|---|---|---|---|---|---|---|
| *1* | 1 | 0 | 0 | 0 | 0 | 270 | 0 |
| *2* | 2 | 0 | 0 | 0 | 222 | 0 | 4 |
| *3* | 3 | 0 | 0 | 0 | 0 | 1 | 271 |
| *4* | 4 | 25 | 0 | 0 | 0 | 25 | 0 |
| *5* | 5 | 0 | 0 | 0 | 50 | 50 | 0 |
| *6* | 6 | 0 | 0 | 16 | 16 | 1 | 0 |
| *7* | 7 | 259 | 0 | 0 | 0 | 0 | 13 |
| *8* | 8 | 0 | 0 | 249 | 0 | 9 | 0 |
| *9* | 9 | 0 | 243 | 0 | 0 | 0 | 0 |

Grid: bubble_hexagonal | rlen: 1500 | radius: 3 | alpha1: 0.1 | alpha2: 0.005 | QE Teste: 0.0157366202410121


Cluster Dendrogram
Height
2.0
1.8
1.6
1.4
1.2
1.0
N2
N5
N6
N8
N1
N4
N9
N3
N7
dist(codebook.matrix.best.result)
hclust (*, "complete")

| | cluster | Y.Beach | Y.Sunset | Y.FallFoliage | Y.Field | Y.Mountain | Y.Urban |
|---|---|---|---|---|---|---|---|
| *1* | 1 | 25 | 0 | 0 | 0 | 295 | 0 |
| *2* | 2 | 0 | 0 | 0 | 222 | 0 | 4 |
| *3* | 3 | 0 | 0 | 0 | 0 | 1 | 271 |
| *4* | 4 | 0 | 0 | 0 | 50 | 50 | 0 |
| *5* | 5 | 0 | 0 | 16 | 16 | 1 | 0 |
| *6* | 6 | 259 | 0 | 0 | 0 | 0 | 13 |
| *7* | 7 | 0 | 0 | 249 | 0 | 9 | 0 |
| *8* | 8 | 0 | 243 | 0 | 0 | 0 | 0 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *2* | 1 | 100010 | 25 |
| *1* | 1 | 000010 | 270 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *2* | 2 | 000101 | 4 |
| *1* | 2 | 000100 | 218 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *2* | 3 | 000011 | 1 |
| *1* | 3 | 000001 | 270 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *1* | 4 | 000110 | 50 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *2* | 5 | 001110 | 1 |
| *1* | 5 | 001100 | 15 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *2* | 6 | 100001 | 13 |
| *1* | 6 | 100000 | 246 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *2* | 7 | 001010 | 9 |
| *1* | 7 | 001000 | 240 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *1* | 8 | 010000 | 243 |