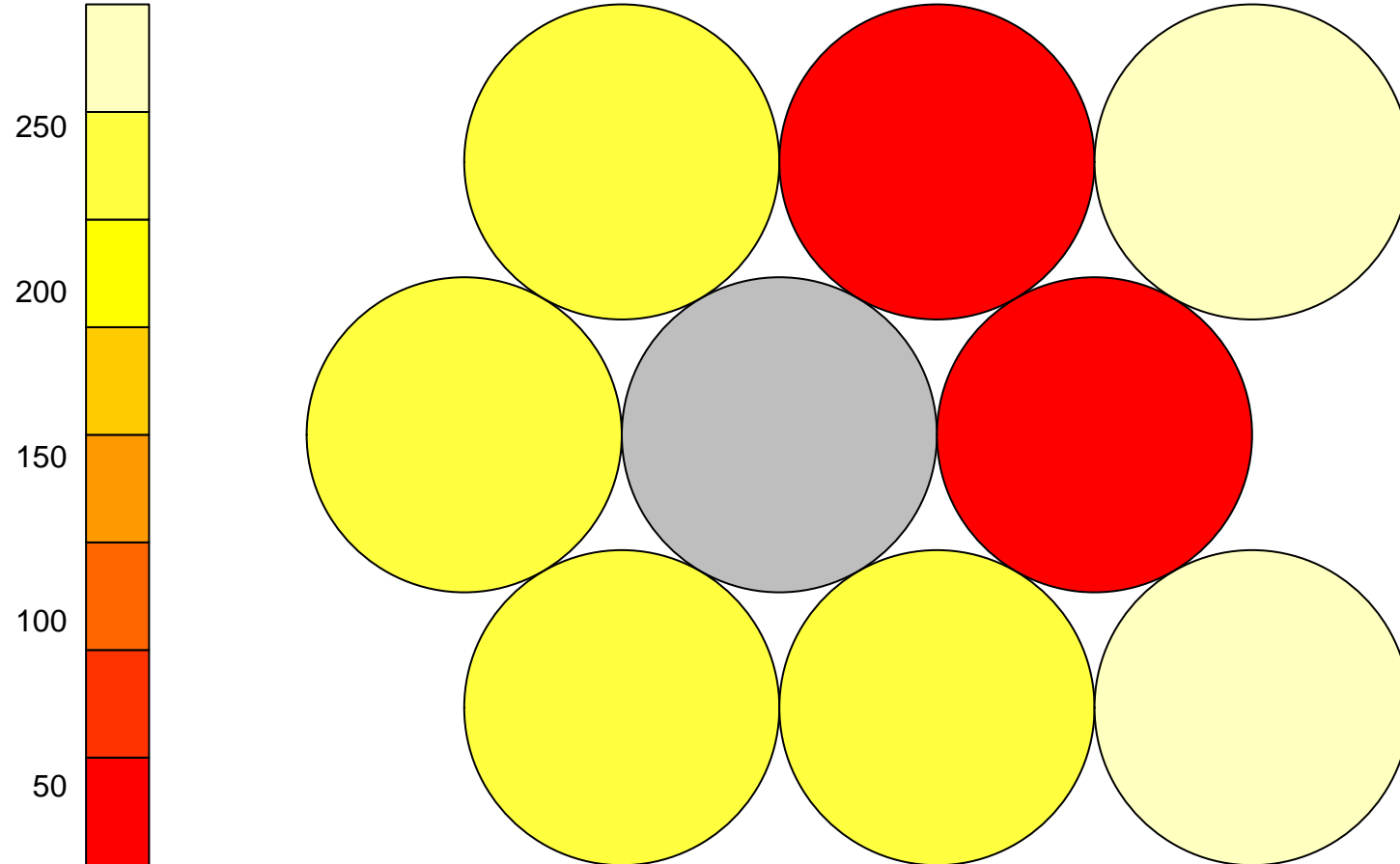
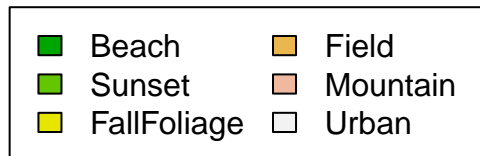
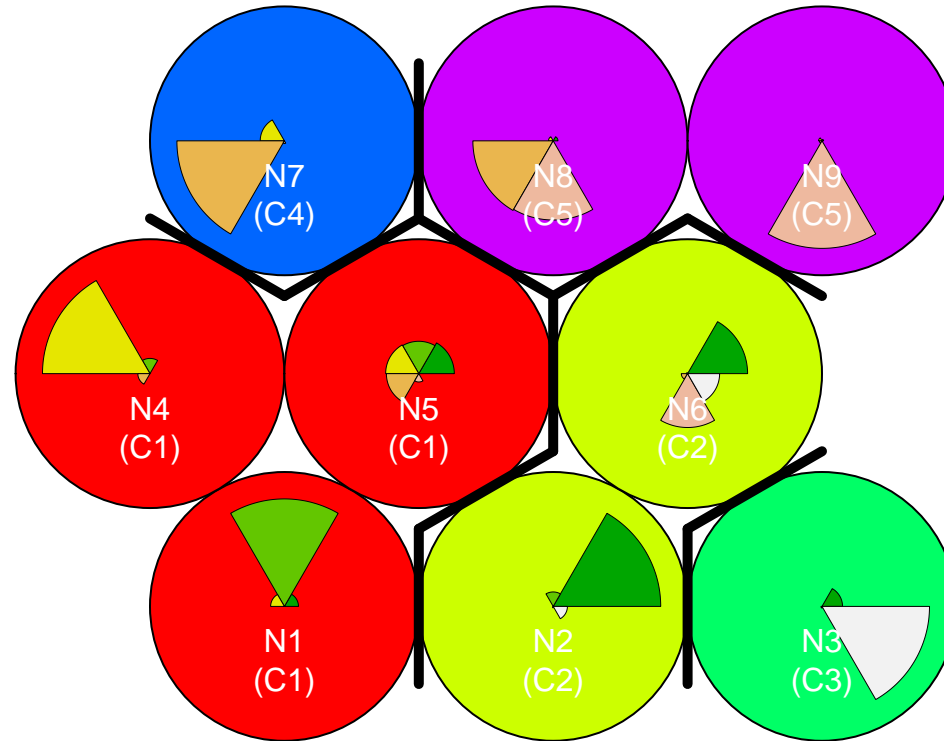


# SOM – Clusters (k = 5 )



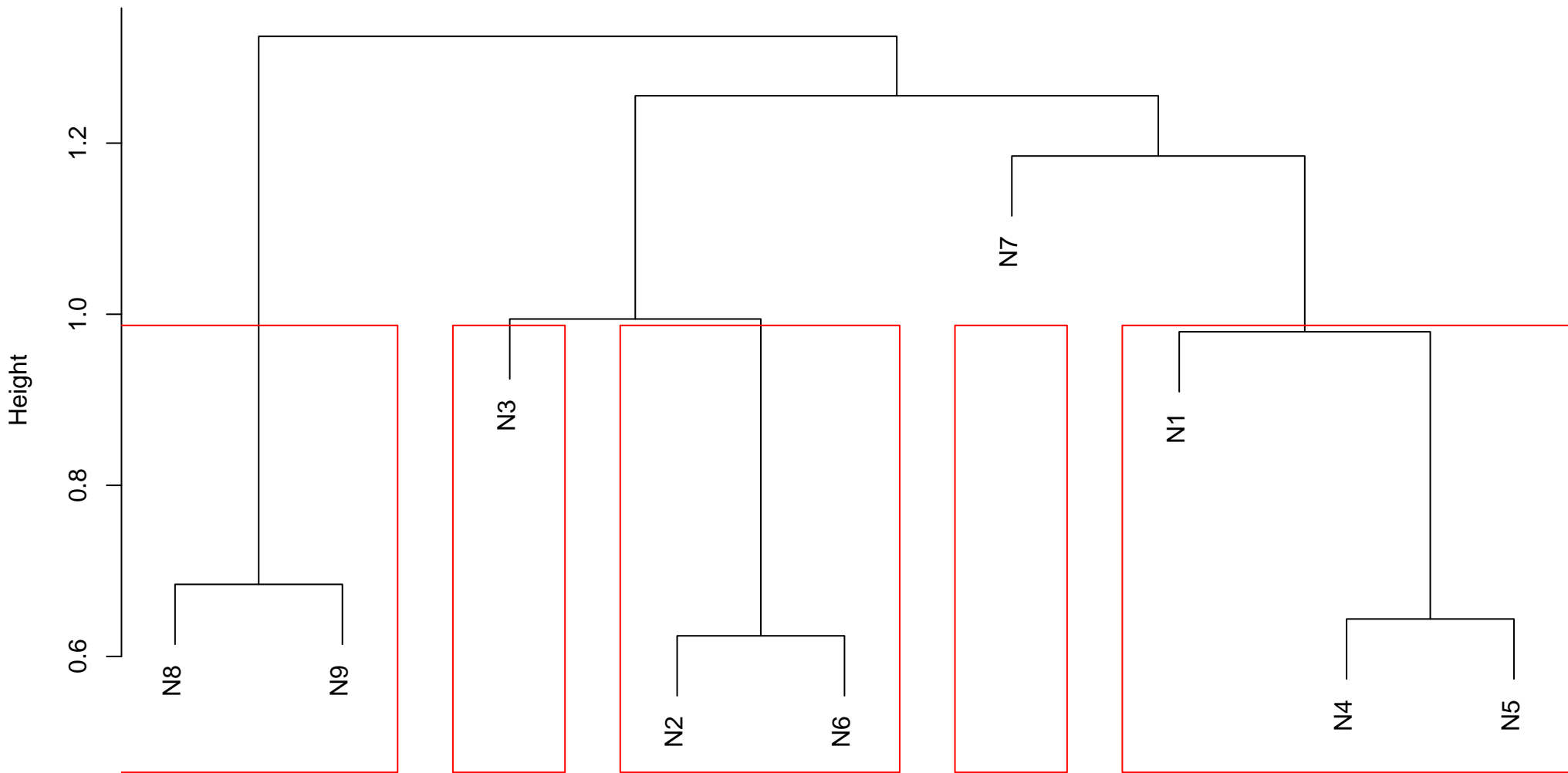
## SOM – Clusters (k = 5 )



	neuron	Y.Beach	Y.Sunset	Y.FallFoliage	Y.Field	Y.Mountain	Y.Urban
1	1	0	242	0	0	0	0
2	2	246	0	0	0	0	0
3	3	13	0	0	4	0	287
4	4	0	0	240	0	0	0
5	6	26	0	0	0	26	0
6	7	1	0	15	234	0	0
7	8	0	0	1	51	51	0
8	9	0	0	8	0	278	0

Grid: gaussian\_hexagonal | rlen: 500 | radius: 7 | alpha1: 0.05 | alpha2: 0.001 | QE Teste: 0.0816436144583544

Cluster Dendrogram



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

	cluster	Y.Beach	Y.Sunset	Y.FallFoliage	Y.Field	Y.Mountain	Y.Urban
1	1	0	242	240	0	0	0
2	2	272	0	0	0	26	0
3	3	13	0	0	4	0	287
4	4	1	0	15	234	0	0
5	5	0	0	9	51	329	0

	cluster	combinacao	frequencia
1	1	001000	240
2	1	010000	242

	cluster	combinacao	frequencia
2	2	100010	26
1	2	100000	246

	cluster	combinacao	frequencia
2	3	000101	4
3	3	100001	13
1	3	000001	270

	cluster	combinacao	frequencia
3	4	100100	1
2	4	001100	15
1	4	000100	218

	cluster	combinacao	frequencia
4	5	001110	1
3	5	001010	8
2	5	000110	50
1	5	000010	270