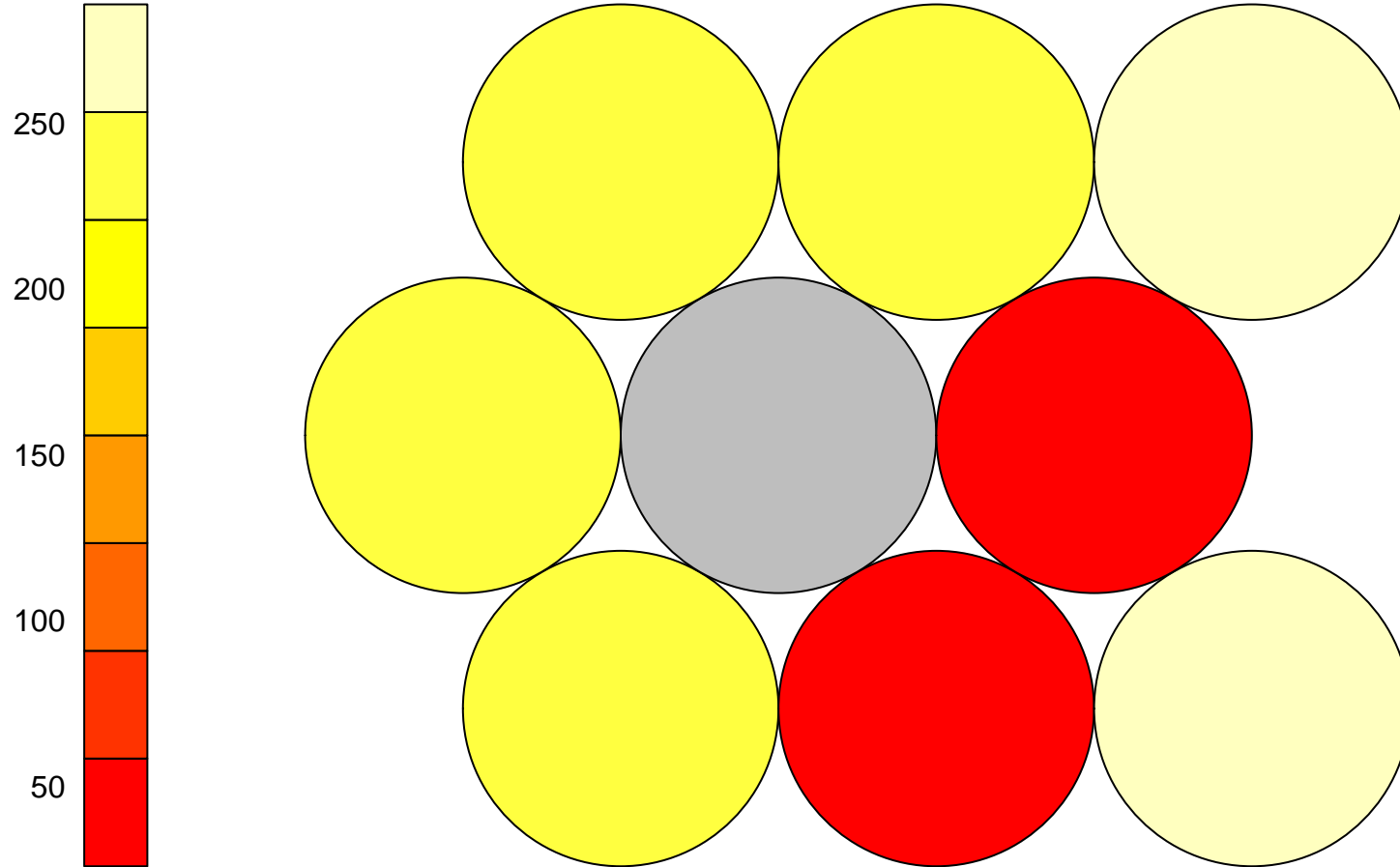
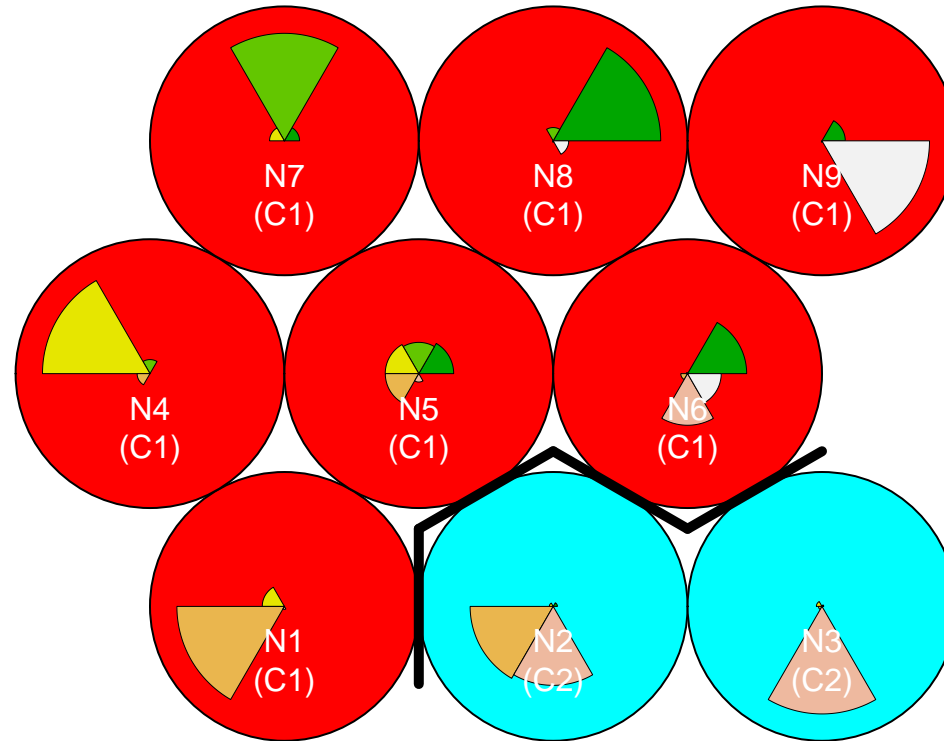


**SOM – Counts (k = 2 )**



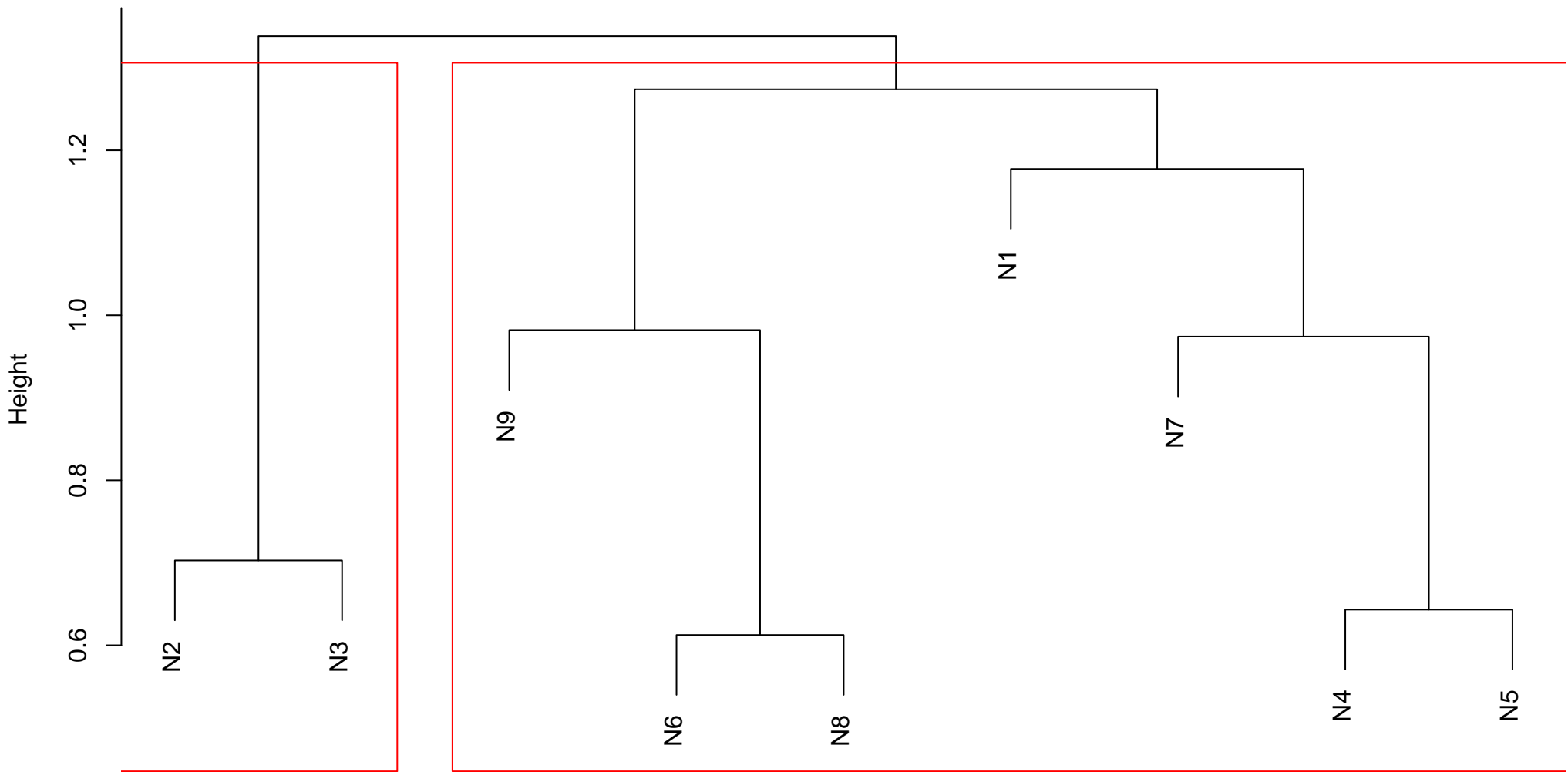
## SOM – Clusters (k = 2 )



	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	284	243	256	239	26	287
2	2	0	0	9	50	329	0

	cluster	combinacao	frequencia
2	1	000011	1
11	1	100100	1
4	1	000101	4
9	1	100001	12
6	1	001100	16
10	1	100010	25
3	1	000100	218
5	1	001000	240
7	1	010000	243
8	1	100000	246
1	1	000001	270

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