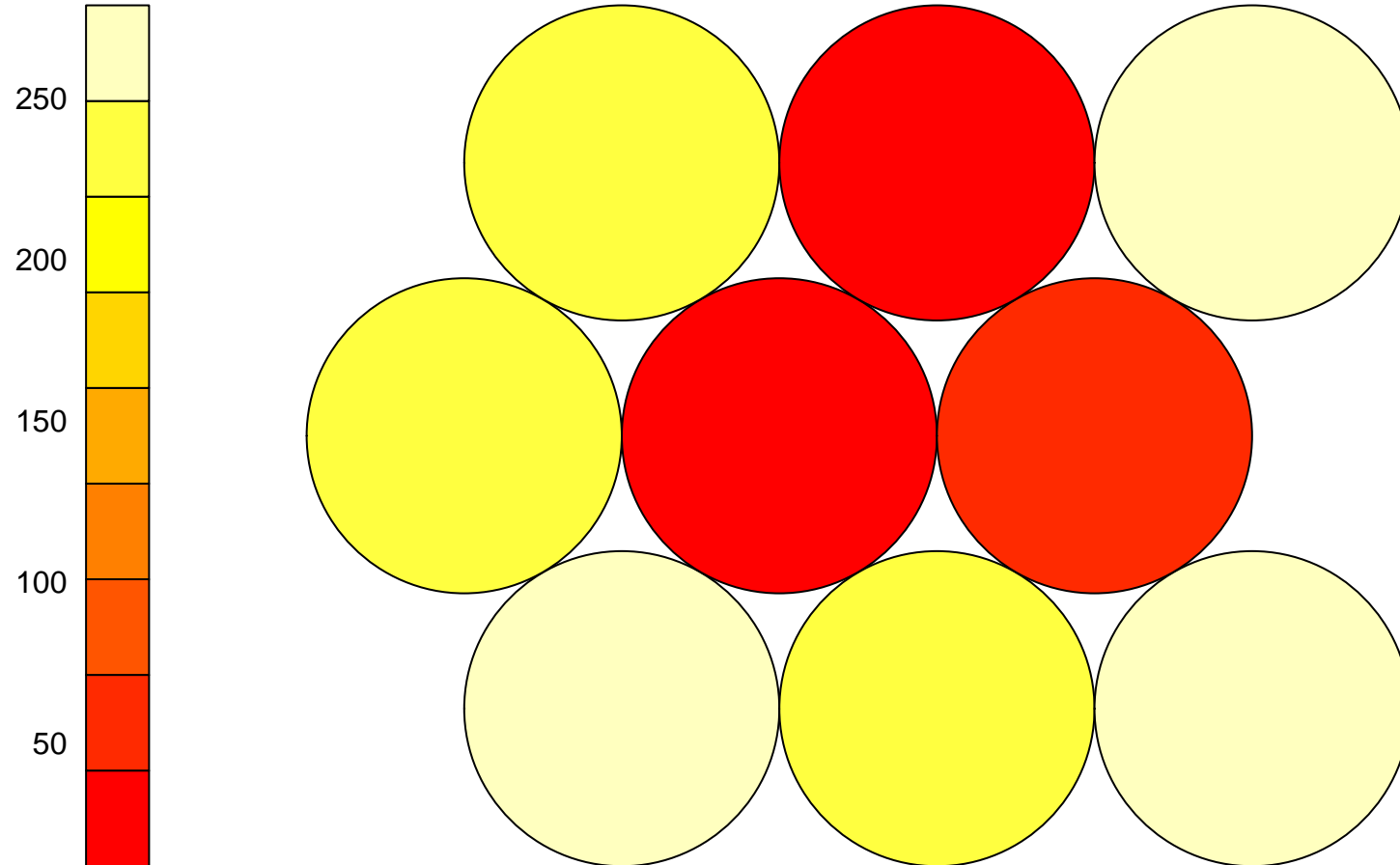
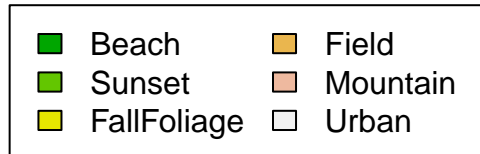
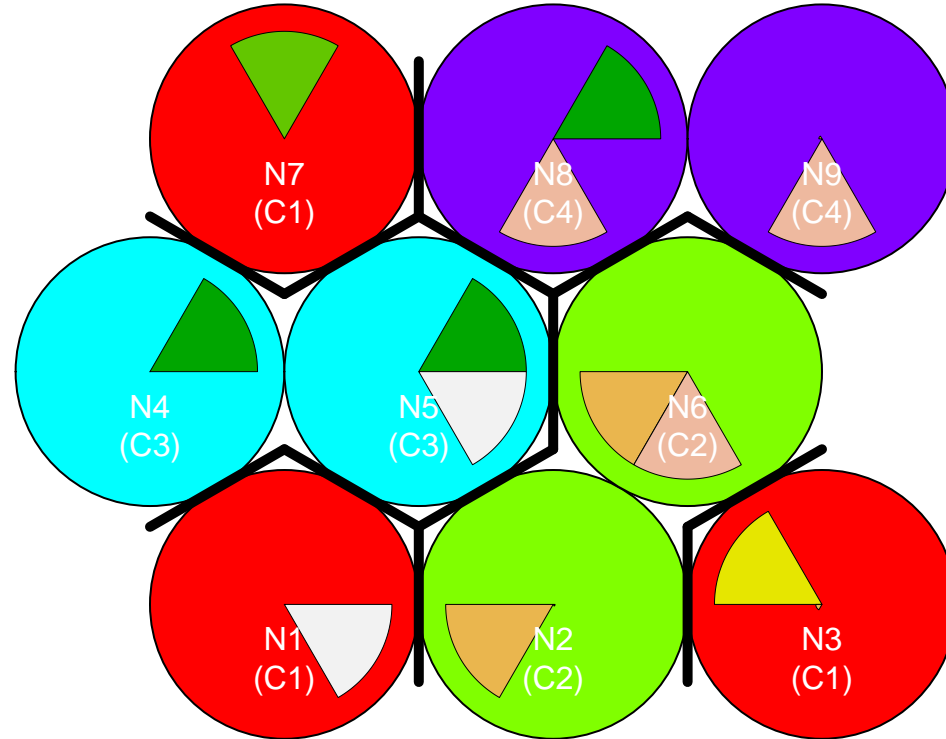


**SOM – Counts (k = 4 )**



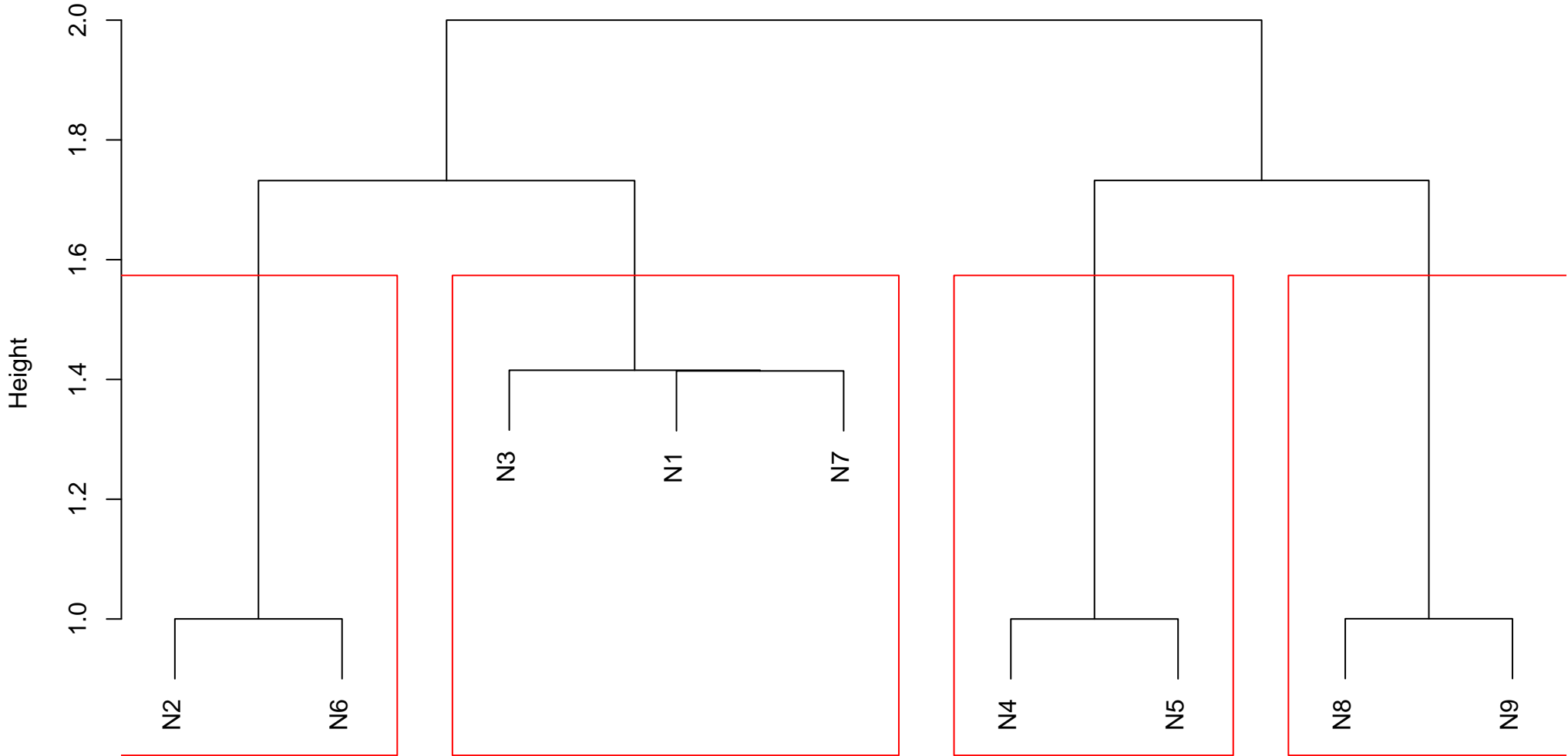
## SOM – Clusters (k = 4 )



	neuron	Y.Beach	Y.Sunset	Y.FallFoliage	Y.Field	Y.Mountain	Y.Urban
1	1	0	0	0	0	1	271
2	2	0	0	0	222	0	4
3	3	0	0	256	16	0	0
4	4	247	0	0	1	0	0
5	5	12	0	0	0	0	12
6	6	0	0	0	50	50	0
7	7	0	243	0	0	0	0
8	8	25	0	0	0	25	0
9	9	0	0	9	0	279	0

Grid: bubble\_hexagonal | rlen: 1500 | radius: 5 | alpha1: 0.05 | alpha2: 0.001 | QE Teste: 0.0167901760299701

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	243	256	16	1	271
2	2	0	0	0	272	50	4
3	3	259	0	0	1	0	12
4	4	25	0	9	0	304	0

	cluster	combinacao	frequencia
2	1	000011	1
4	1	001100	16
3	1	001000	240
5	1	010000	243
1	1	000001	270

	cluster	combinacao	frequencia
2	2	000101	4
3	2	000110	50
1	2	000100	218

	cluster	combinacao	frequencia
3	3	100100	1
2	3	100001	12
1	3	100000	246



	cluster	combinacao	frequencia
2	4	001010	9
3	4	100010	25
1	4	000010	270