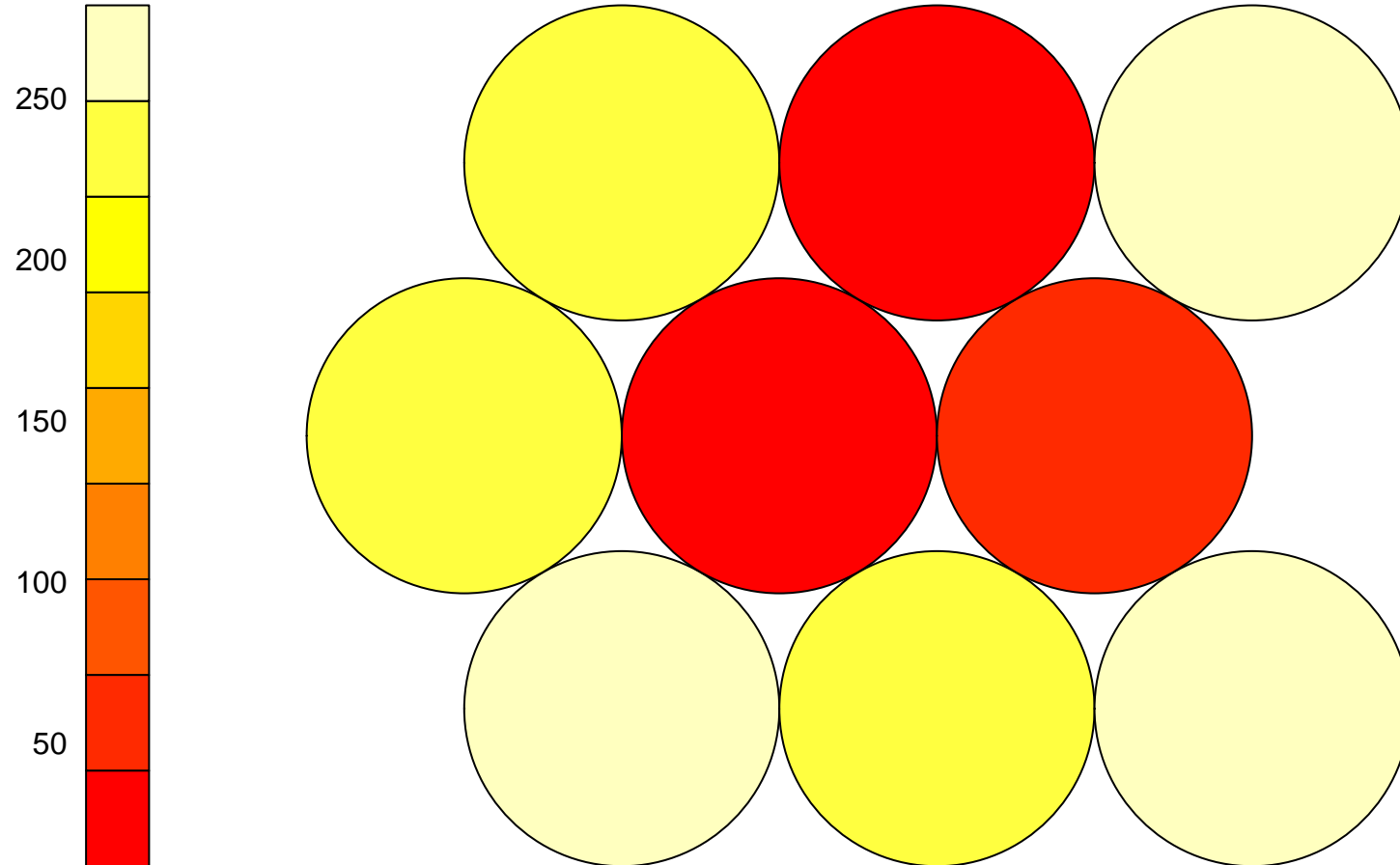
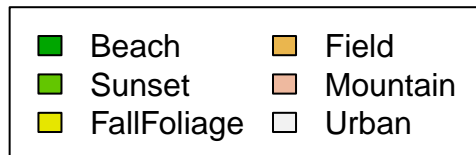
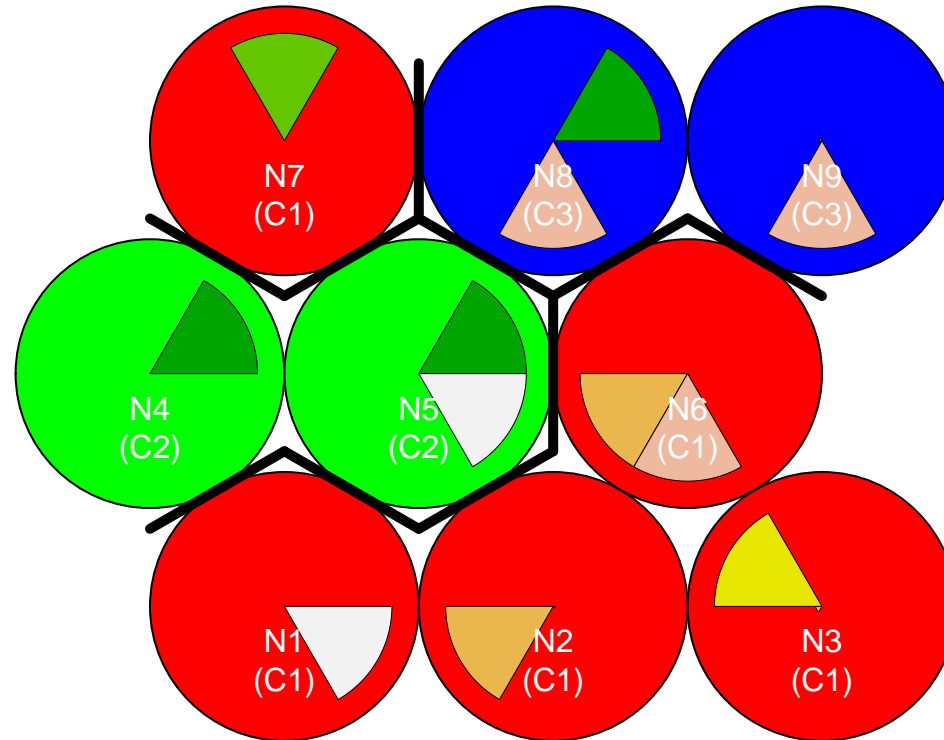


**SOM – Counts (k = 3 )**



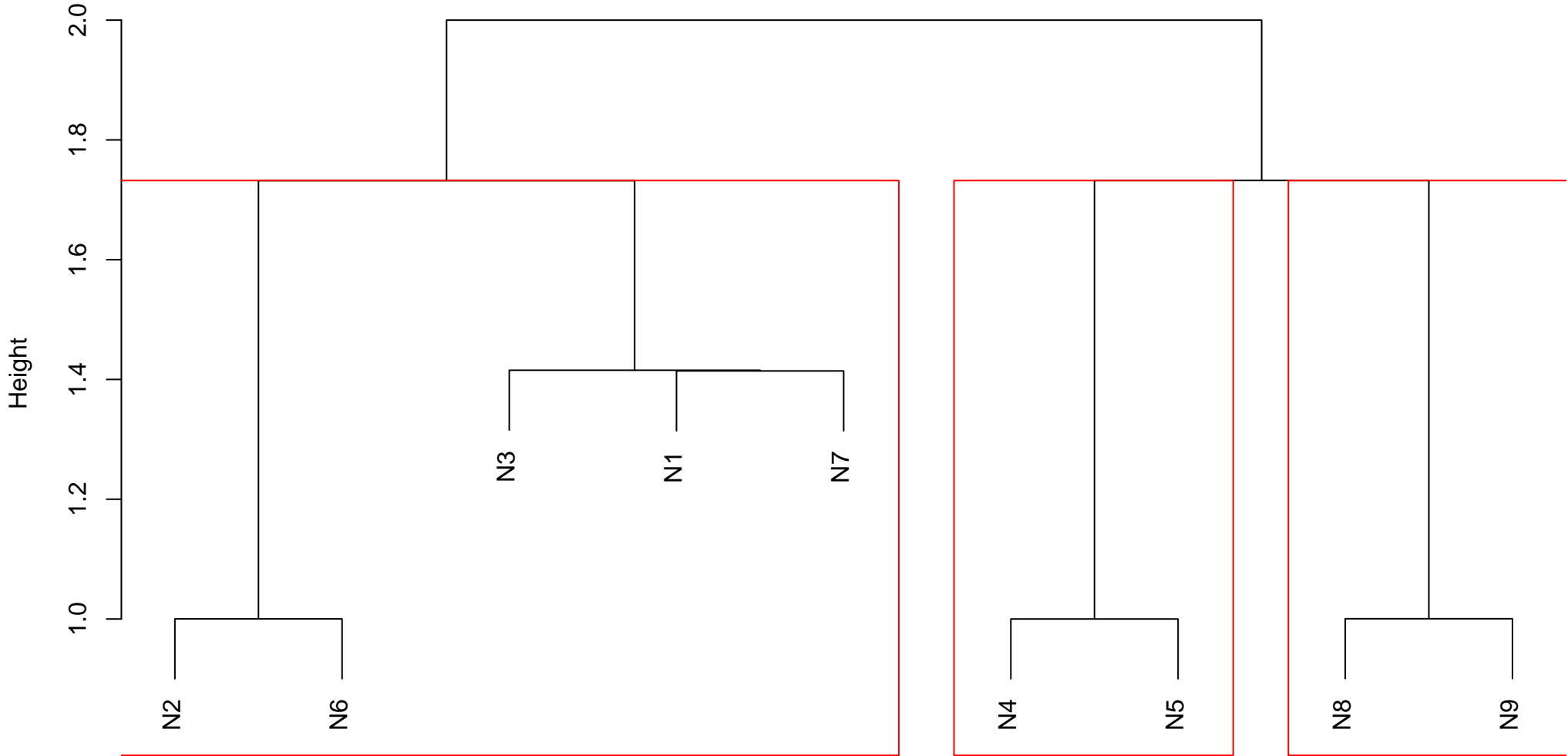
## SOM - Clusters (k = 3 )



	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	288	51	275
2	2	259	0	0	1	0	12
3	3	25	0	9	0	304	0

	cluster	combinacao	frequencia
2	1	000011	1
4	1	000101	4
7	1	001100	16
5	1	000110	50
3	1	000100	218
6	1	001000	240
8	1	010000	243
1	1	000001	270

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

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