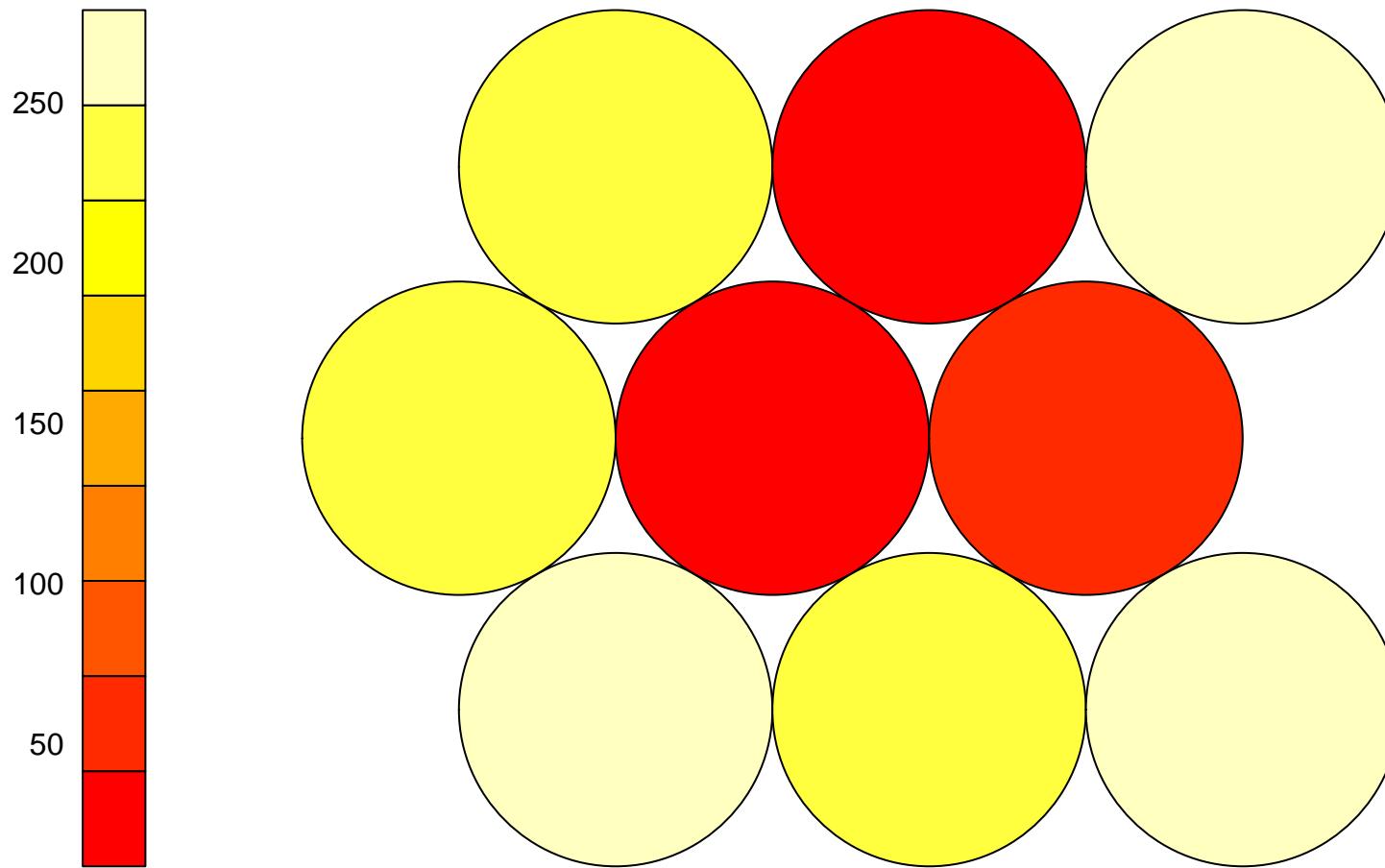
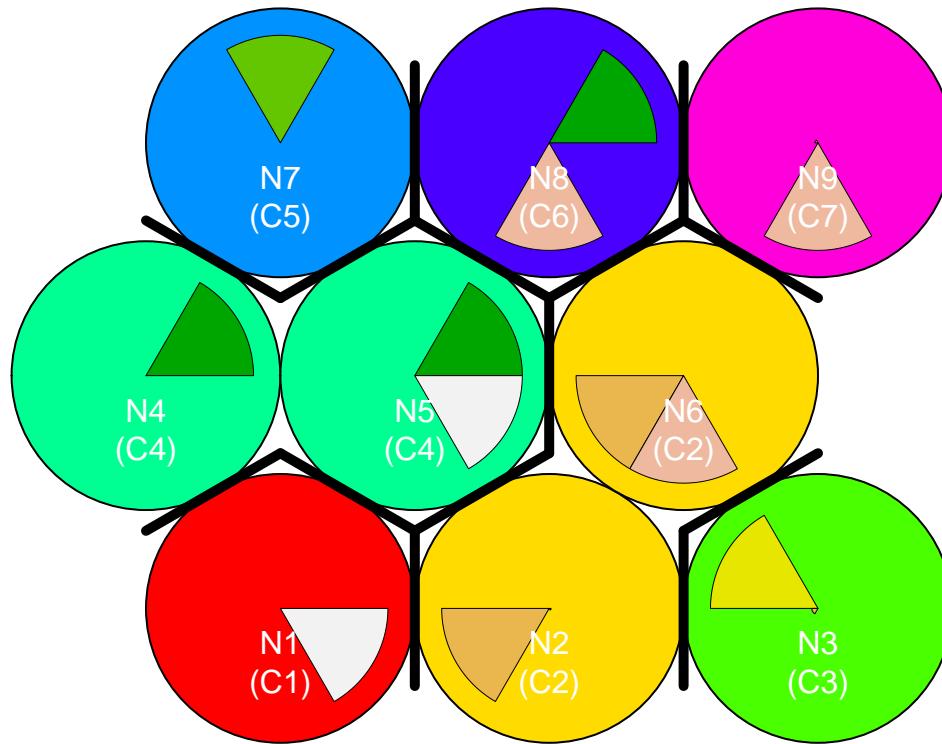


SOM – Counts (k = 7 )



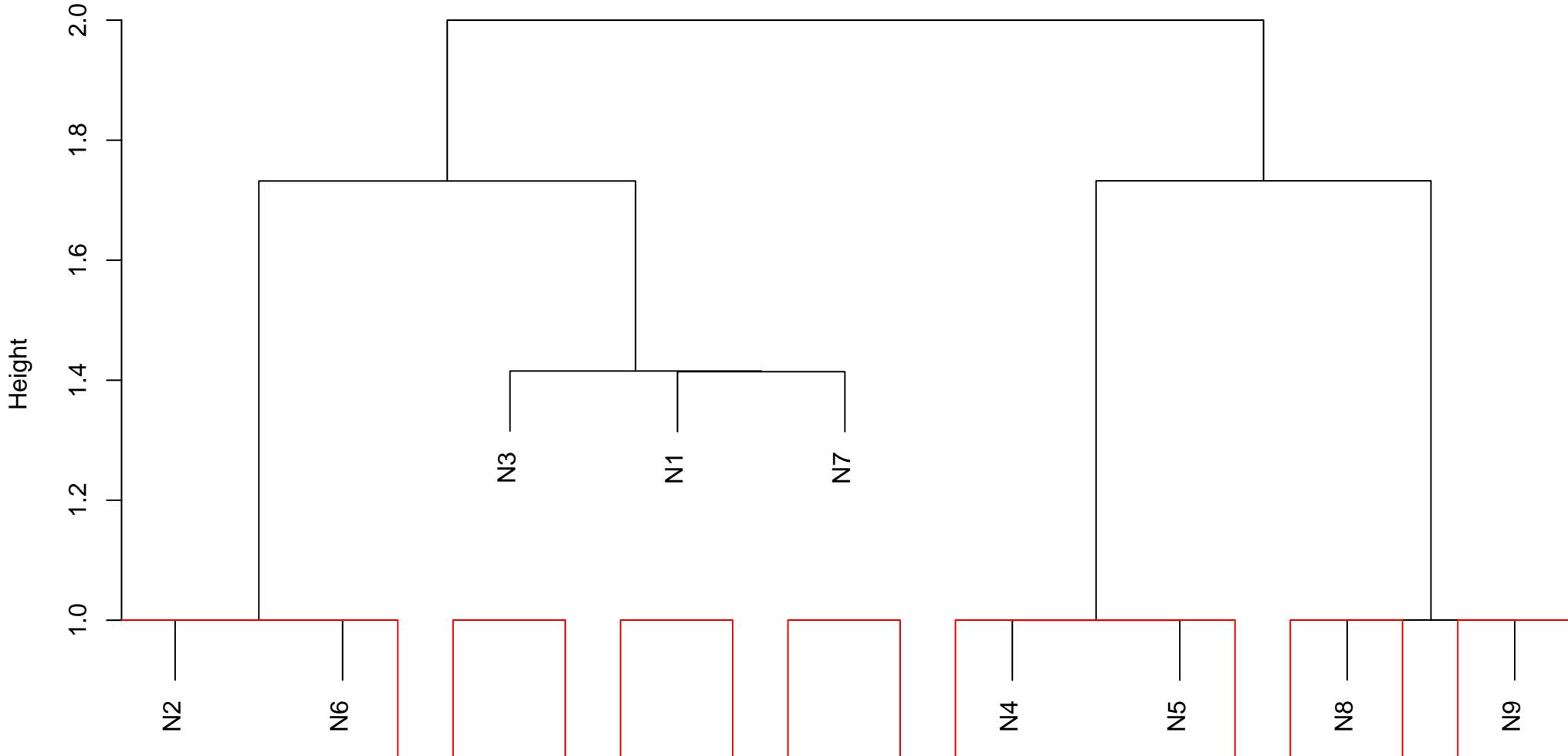
## SOM – Clusters (k = 7 )



<b>neuron</b>	<b>Y.Beach</b>	<b>Y.Sunset</b>	<b>Y.FallFoliage</b>	<b>Y.Field</b>	<b>Y.Mountain</b>	<b>Y.Urban</b>	
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	0	0	0	1	271
2	2	0	0	0	272	50	4
3	3	0	0	256	16	0	0
4	4	259	0	0	1	0	12
5	5	0	243	0	0	0	0
6	6	25	0	0	0	25	0
7	7	0	0	9	0	279	0

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	1	000011	1
1	1	000001	270

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	2	000101	4
3	2	000110	50
1	2	000100	218

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	3	001100	16
1	3	001000	240

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
3	4	100100	1
2	4	100001	12
1	4	100000	246

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	5	010000

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	6	100010

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	7	001010	9
1	7	000010	270