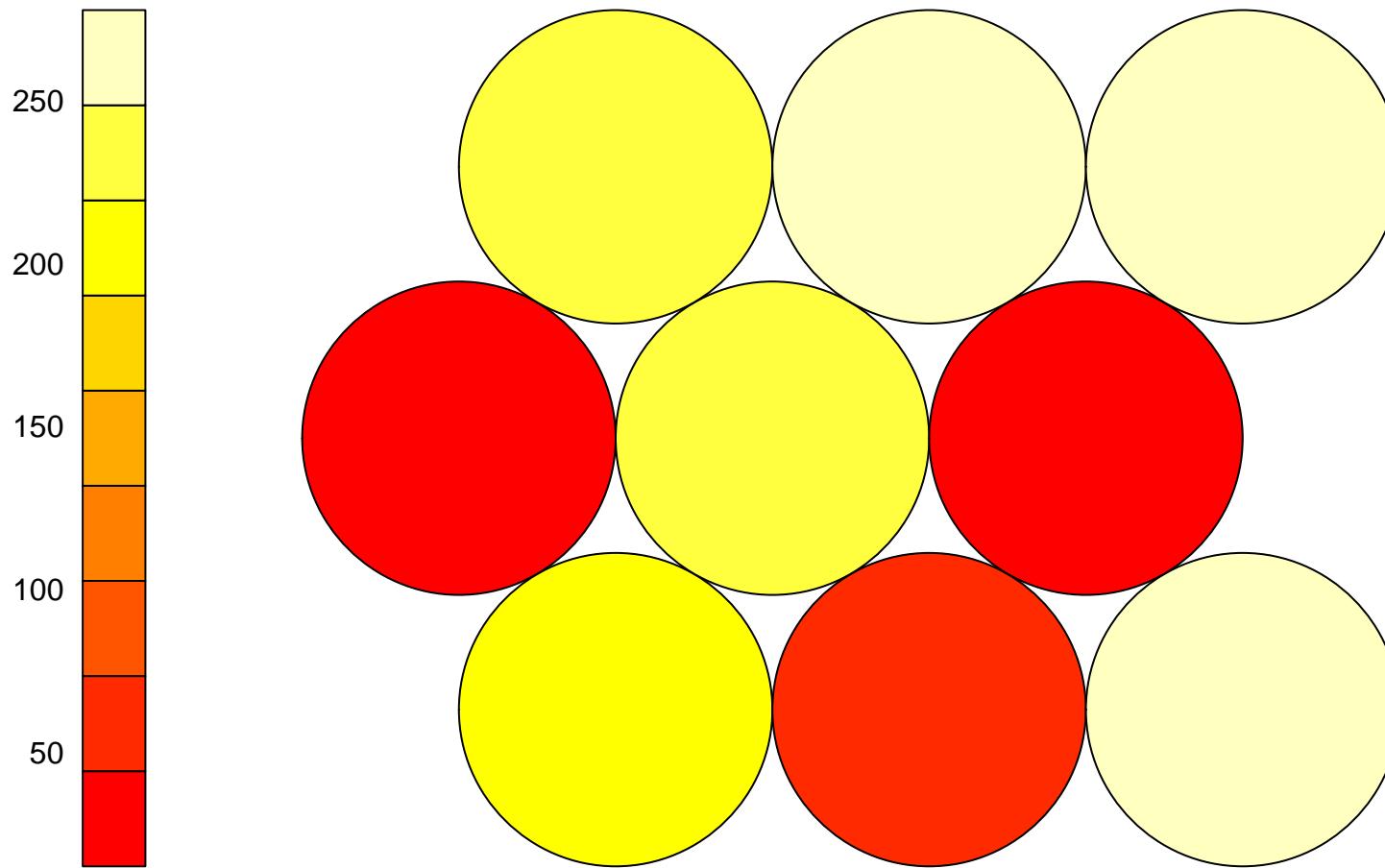
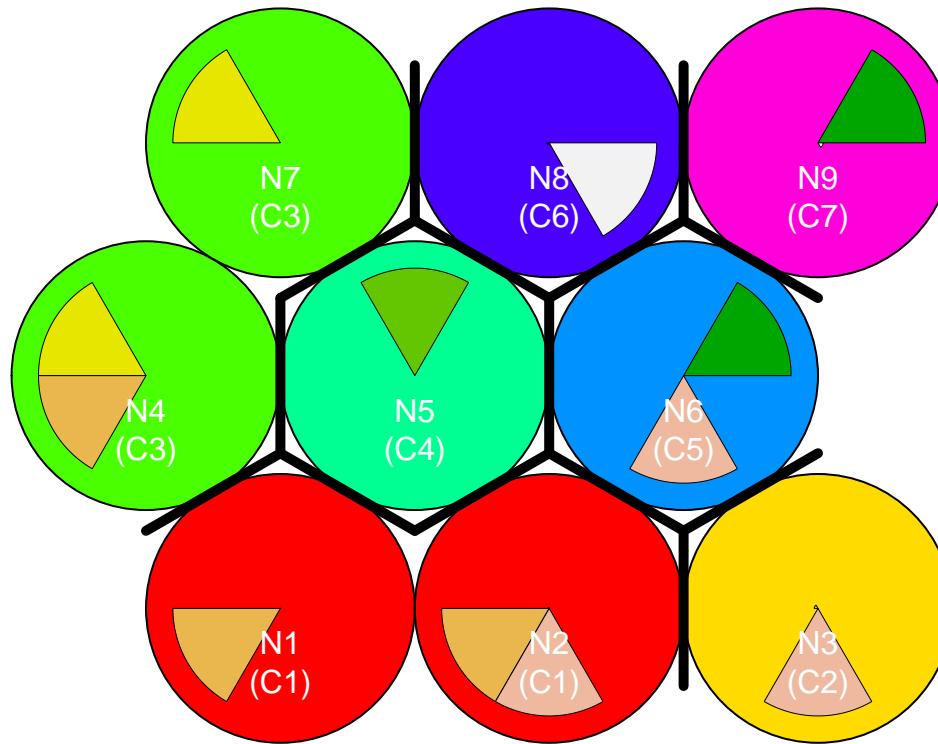


SOM – Clusters (k = 7 )



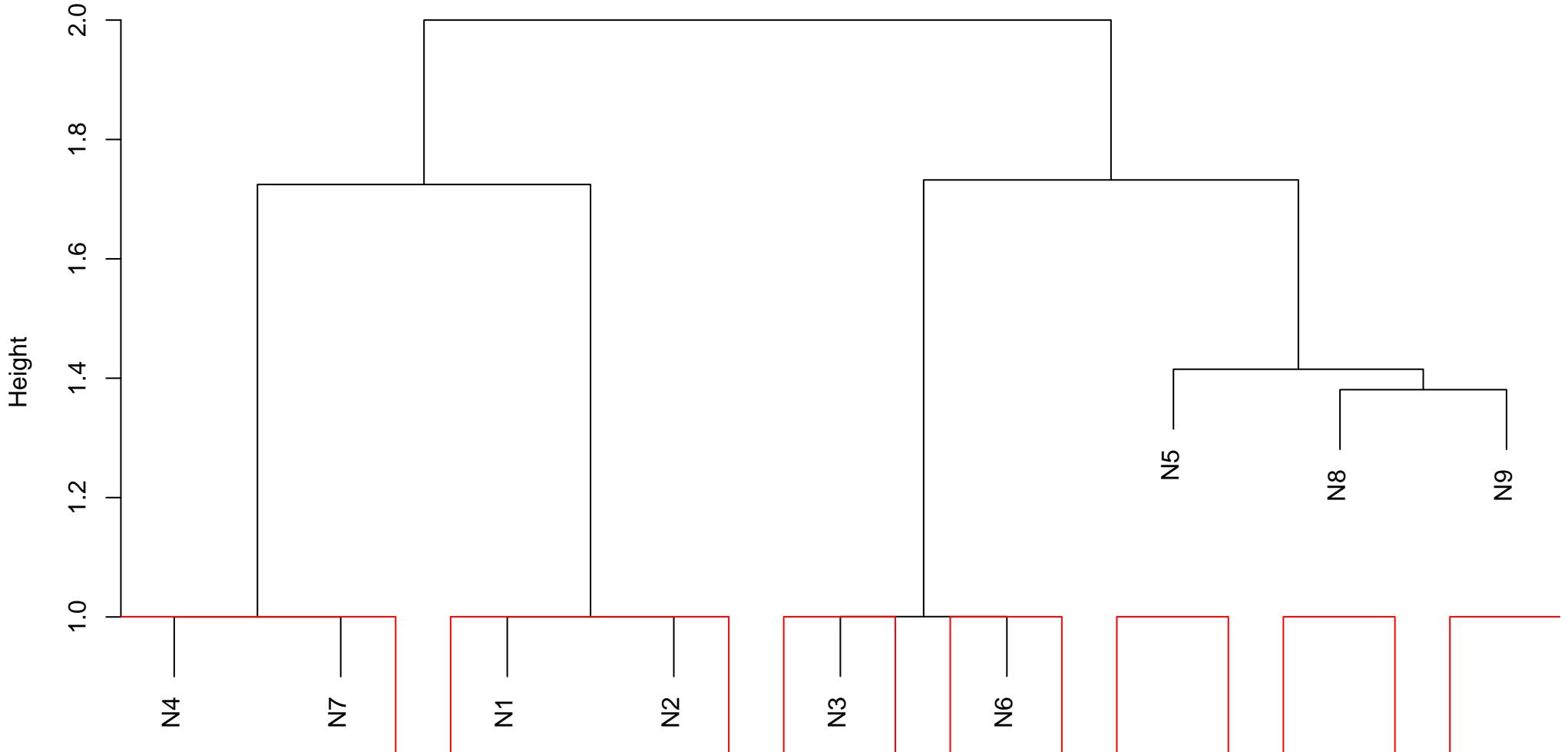
## SOM – Clusters (k = 7 )



<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	1	0	0	219	0
2	2	0	0	1	51	51
3	3	0	0	8	0	278
4	4	0	0	15	15	0
5	5	0	242	0	0	0
6	6	26	0	0	0	26
7	7	0	0	240	0	0
8	8	0	0	0	4	0
9	9	259	0	0	0	13

Grid: bubble\_hexagonal | rlen: 500 | radius: 7 | alpha1: 0.5 | alpha2: 0.005 | QE Teste: 0.0168408955665188

## Cluster Dendrogram



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

cluster	Y.Beach	Y.Sunset	Y.FallFoliage	Y.Field	Y.Mountain	Y.Urban	
1	1	1	0	1	270	51	0
2	2	0	0	8	0	278	0
3	3	0	0	255	15	0	0
4	4	0	242	0	0	0	0
5	5	26	0	0	0	26	0
6	6	0	0	0	4	0	274
7	7	259	0	0	0	0	13

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
3	1	001110	1
4	1	100100	1
2	1	000110	50
1	1	000100	218

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	2	001010	8
1	2	000010	270

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	3	001100	15
1	3	001000	240

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	4	010000

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	5	100010

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	6	000101	4
1	6	000001	270

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	7	100001	13
1	7	100000	246