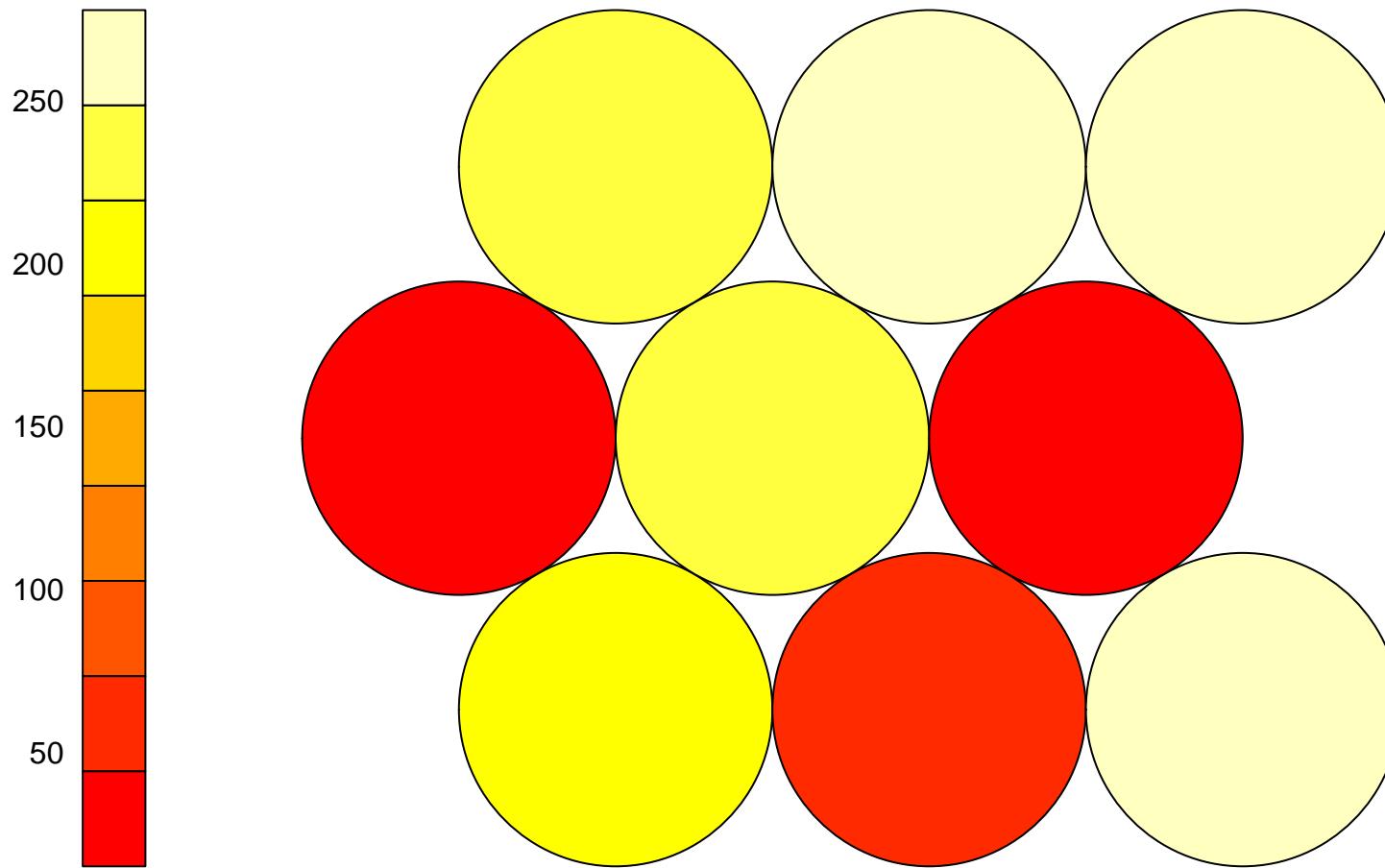
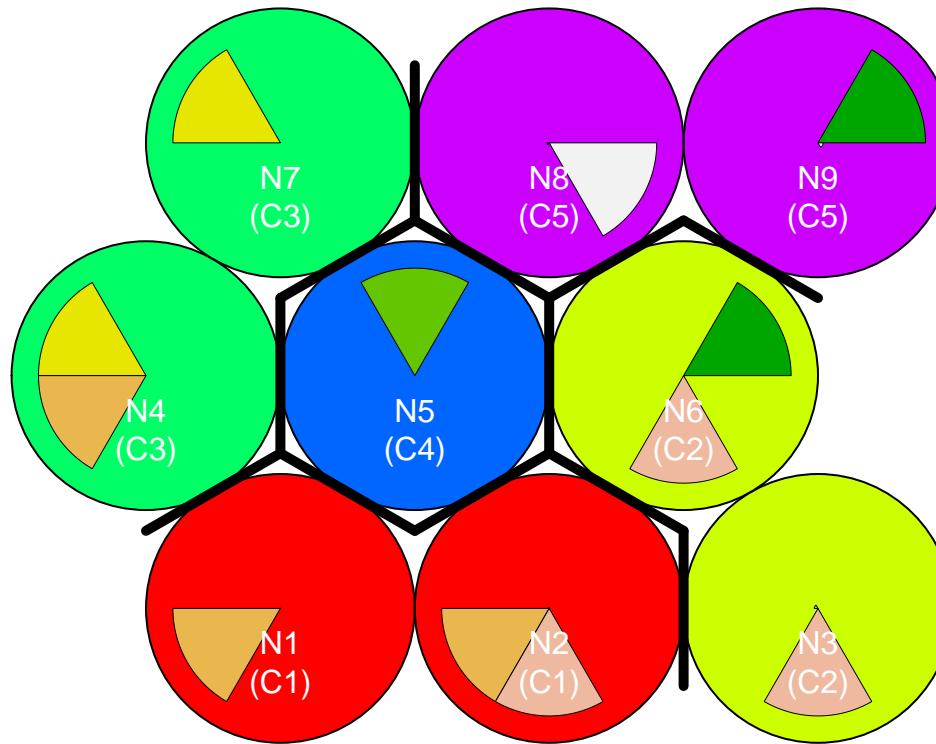


SOM – Clusters (k = 5 )



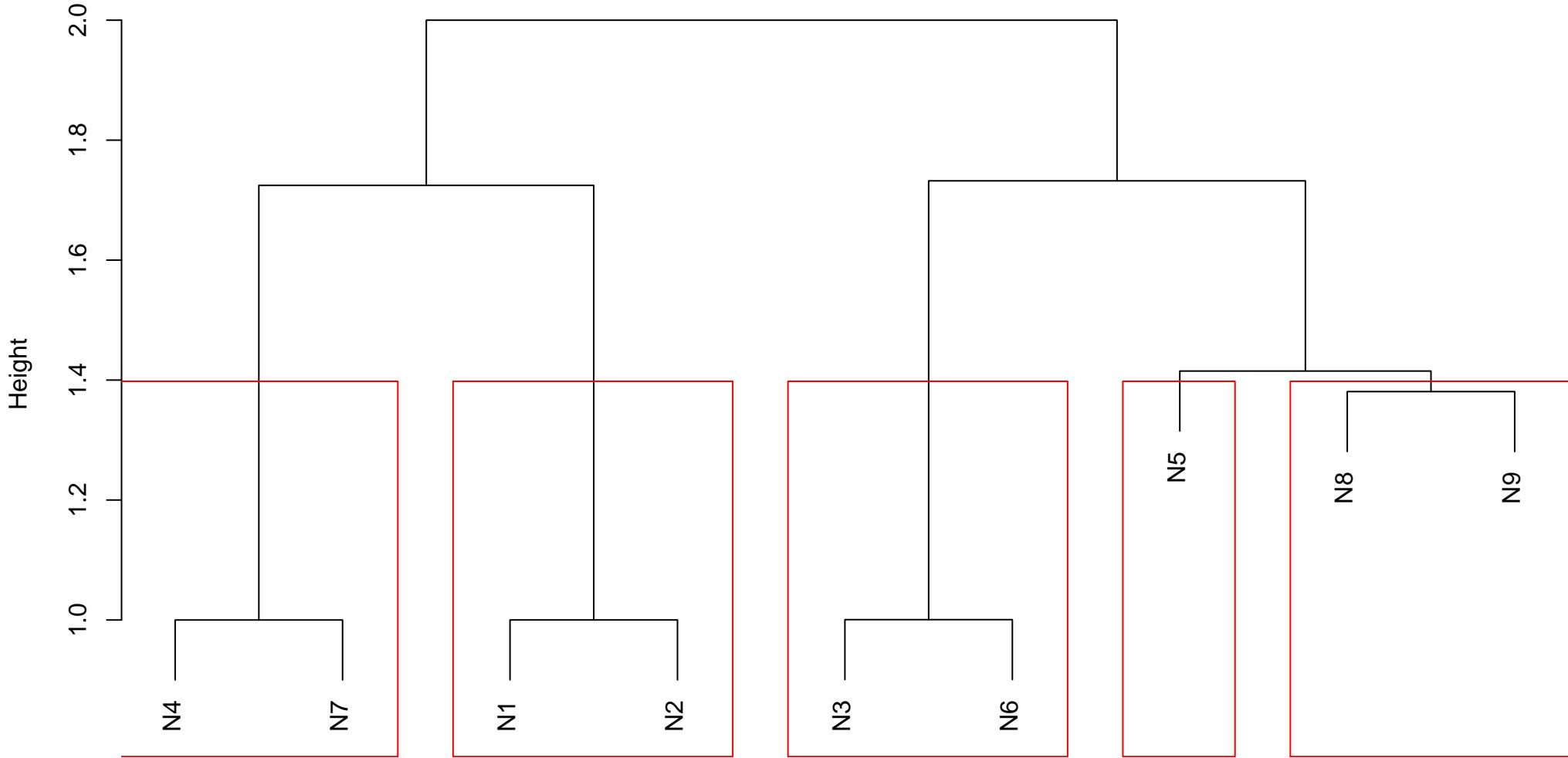
## SOM – Clusters (k = 5 )



<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")

<b>cluster</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	1	270	51
2	2	26	0	8	0	304
3	3	0	0	255	15	0
4	4	0	242	0	0	0
5	5	259	0	0	4	287

	<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
3	2	100010	26
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>
2	5	000101	4
4	5	100001	13
3	5	100000	246
1	5	000001	270