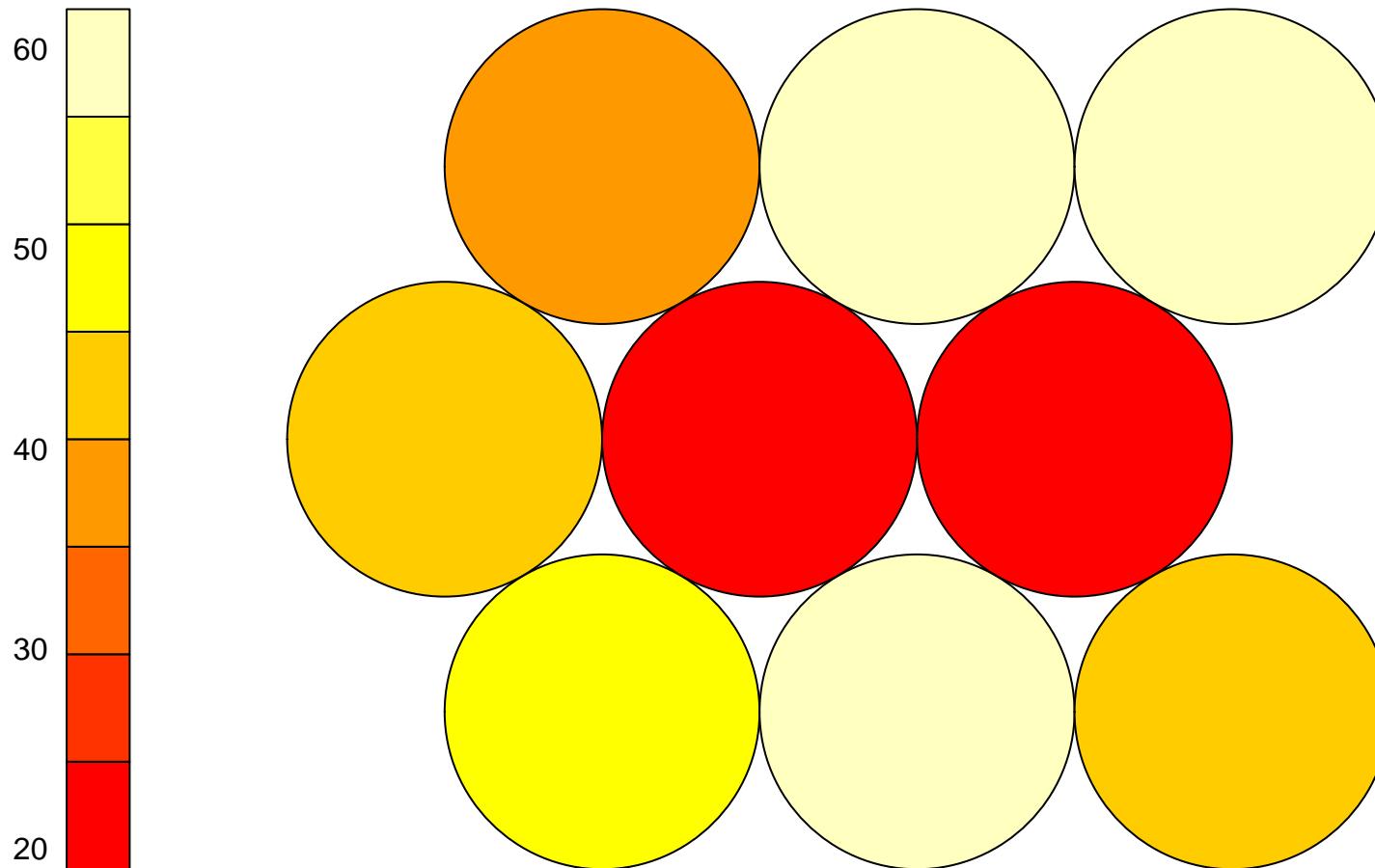
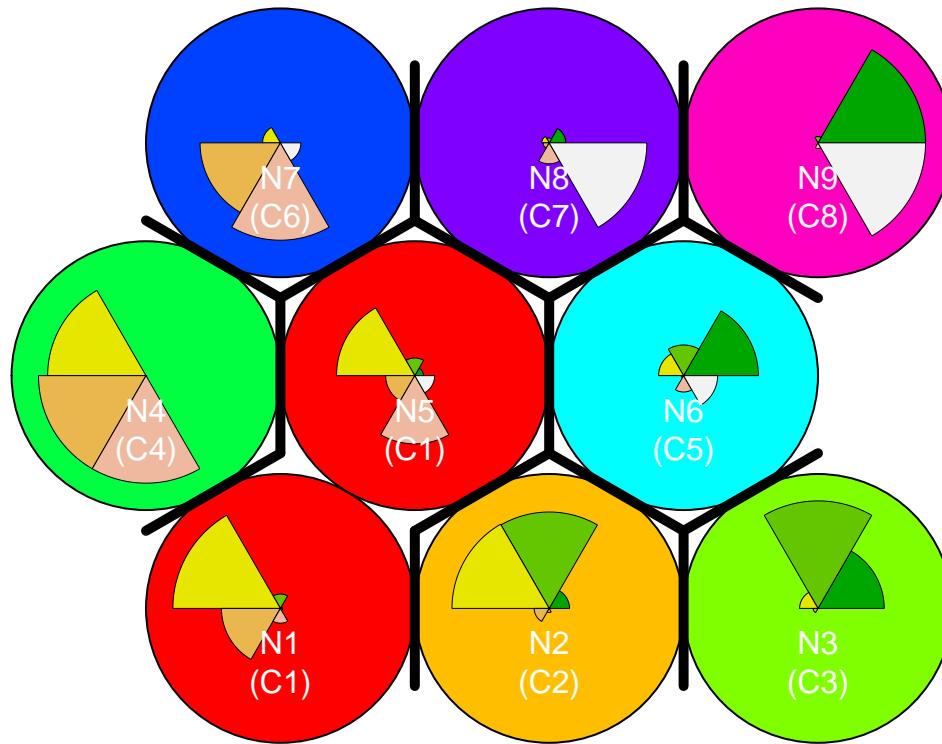


SOM – Counts (k = 8 )



## SOM – Clusters (k = 8 )

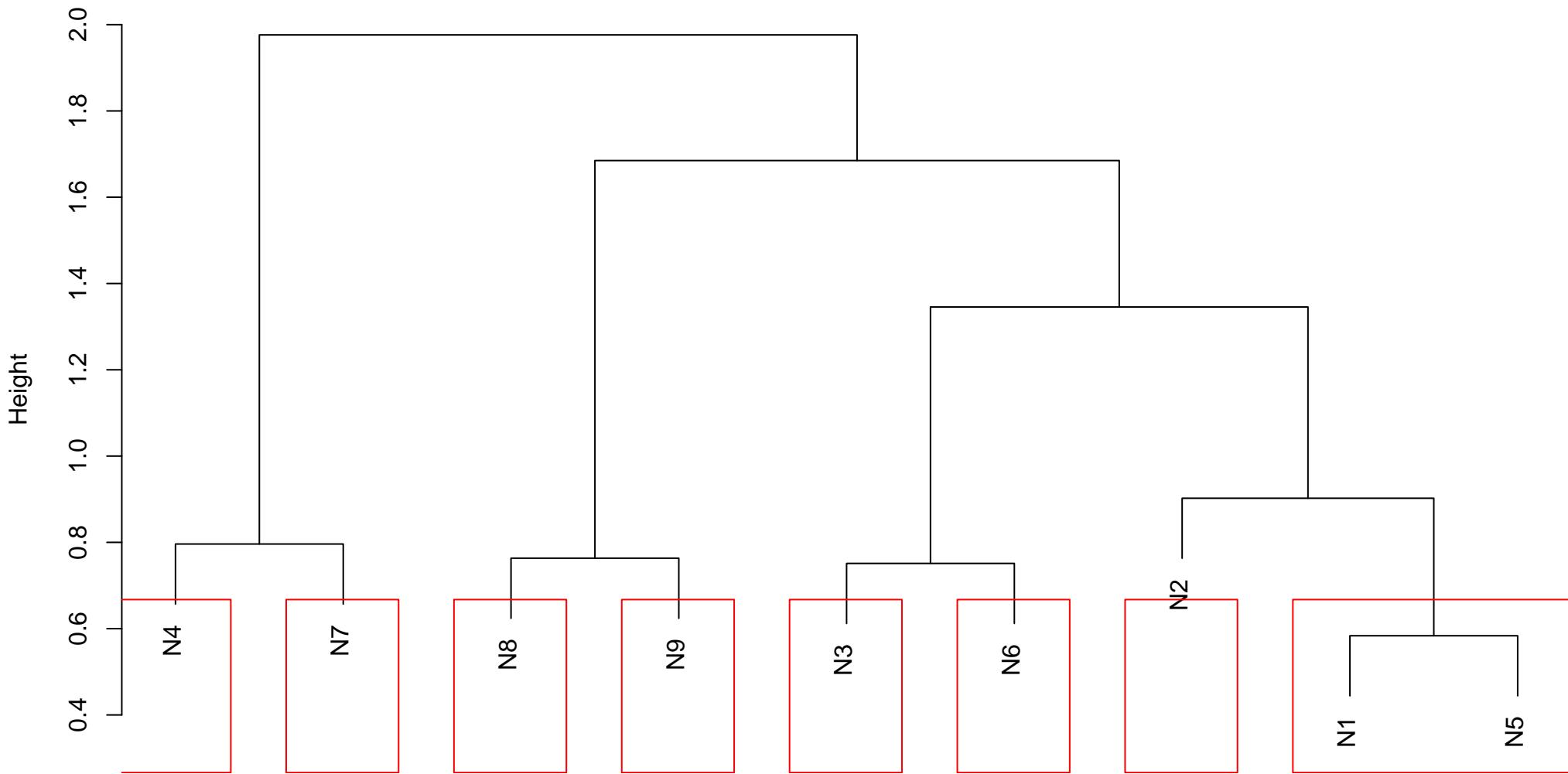


■	amazed.suprised	■	quiet.still
■	happy.pleased	■	sad.lonely
■	relaxing.calm	■	angry.aggresive

<b>neuron</b>	<b>Y.amazed.suprised</b>	<b>Y.happy.pleased</b>	<b>Y.relaxing.calm</b>	<b>Y.quiet.still</b>	<b>Y.sad.lonely</b>	<b>Y.angry.aggressive</b>
1 1	0	0	49	21	0	1
2 2	8	62	62	4	0	0
3 3	26	42	0	1	0	0
4 4	0	0	44	44	44	0
5 5	0	0	19	0	19	2
6 6	21	0	1	0	4	0
7 7	0	0	0	28	33	1
8 8	0	4	2	0	8	62
9 9	61	4	0	0	3	61

Grid: gaussian\_hexagonal | rlen: 1000 | radius: 7 | alpha1: 0.5 | alpha2: 0.005 | QE Teste: 0.24622302379413

## Cluster Dendrogram



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

cluster		Y.amazed.suprised	Y.happy.pleased	Y.relaxing.calm	Y.quiet.still	Y.sad.lonely	Y.angry.aggressive
1	1	0	0	68	21	19	3
2	2	8	62	62	4	0	0
3	3	26	42	0	1	0	0
4	4	0	0	44	44	44	0
5	5	21	0	1	0	4	0
6	6	0	0	0	28	33	1
7	7	0	4	2	0	8	62
8	8	61	4	0	0	3	61

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
5	1	001101	1
3	1	001011	2
2	1	001010	17
4	1	001100	20
1	1	001000	28

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	2	011100	4
3	2	111000	8
1	2	011000	50

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>	
2	3	010100	1
1	3	010000	15
3	3	110000	26

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	4	001110

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
3	5	101000
2	5	100010
1	5	100000

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
4	6	000111	1
2	6	000100	3
1	6	000010	8
3	6	000110	24

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
3	7	001001	2
4	7	010001	4
2	7	000011	8
1	7	000001	48

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	8	100011	3
3	8	110001	4
1	8	100001	54