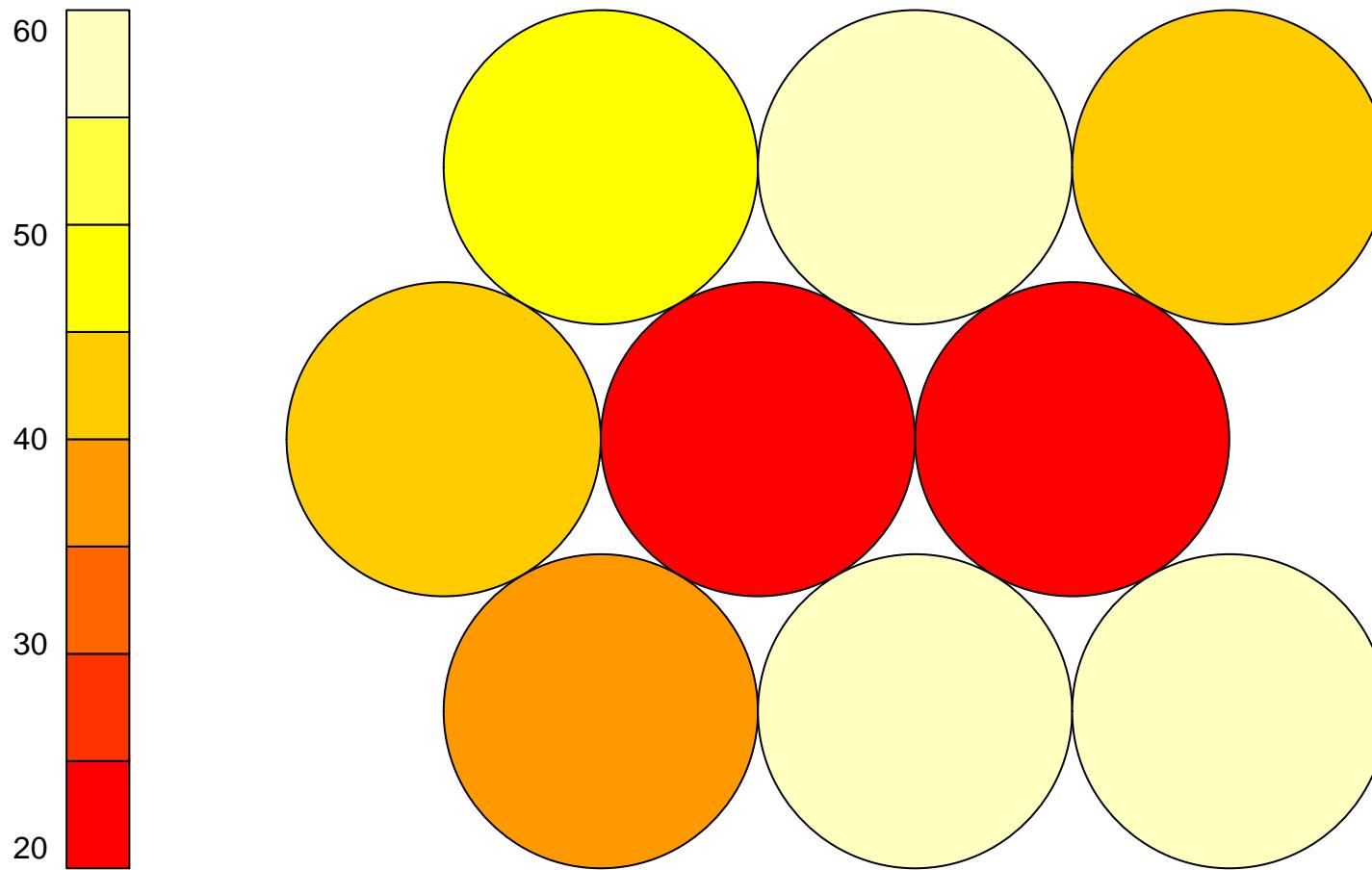
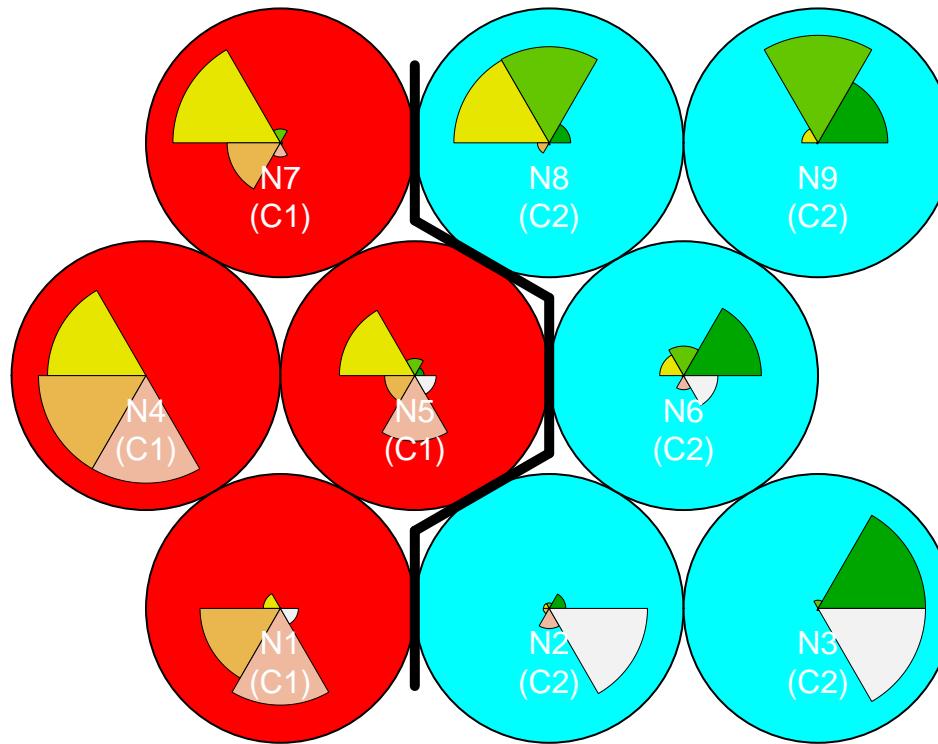


SOM – Counts (k = 2 )



## SOM – Clusters (k = 2 )

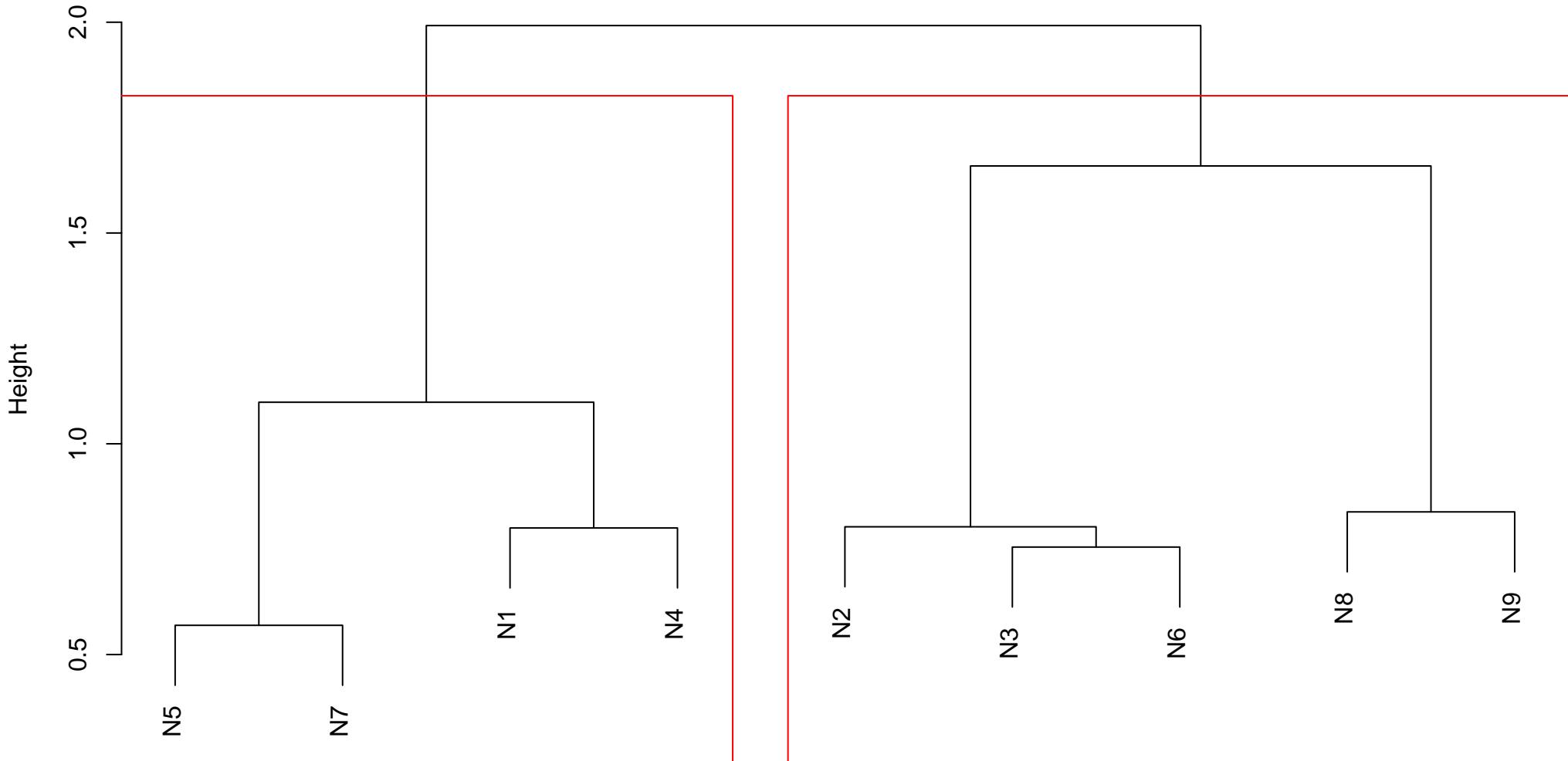


■	amazed.suprised	■	quiet.still
■	happy.pleased	■	sad.lonely
■	relaxing.calm	■	angry.aggresive

<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	0	29	33	0
2 2	0	3	2	0	8	61
3 3	61	5	0	0	2	61
4 4	0	0	45	45	45	0
5 5	0	0	19	0	19	2
6 6	22	0	2	0	4	0
7 7	0	0	49	21	0	1
8 8	7	60	60	4	0	0
9 9	25	41	0	0	1	0

Grid: gaussian\_hexagonal | rlen: 1000 | radius: 5 | alpha1: 0.5 | alpha2: 0.001 | QE Teste: 0.246934748696678

## 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	113	95	97	3
2	2	115	109	64	4	15	122

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
8	1	001101	1
6	1	001011	2
2	1	000100	4
1	1	000010	8
5	1	001010	17
7	1	001100	20
3	1	000110	25
4	1	001000	28
9	1	001110	45

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
6	2	010010	1
3	2	001001	2
12	2	100011	2
13	2	101000	2
5	2	010001	3
8	2	011100	4
11	2	100010	4
15	2	110001	5
16	2	111000	7
2	2	000011	8
4	2	010000	15
9	2	100000	16
14	2	110000	25
1	2	000001	48
7	2	011000	49
10	2	100001	54