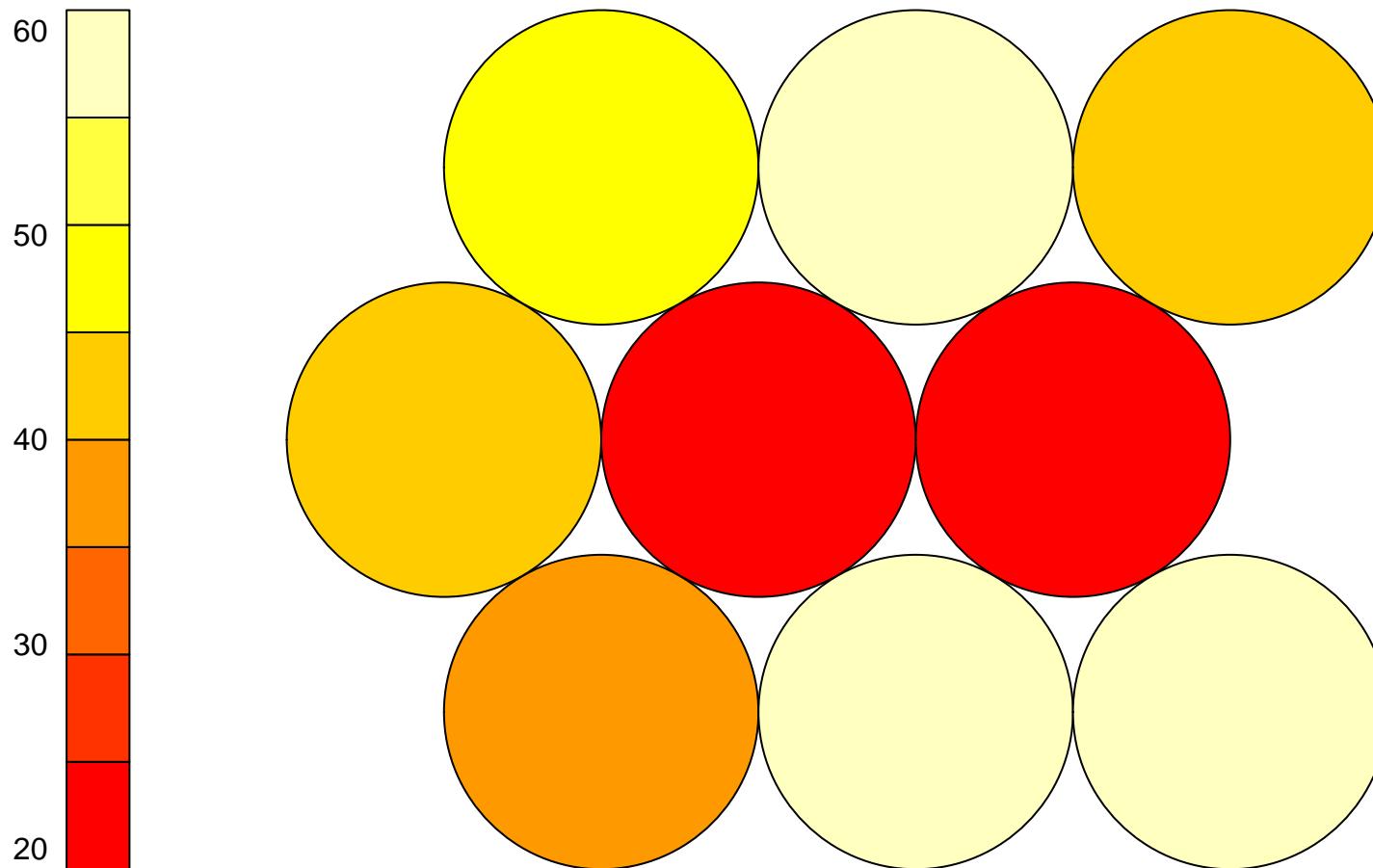
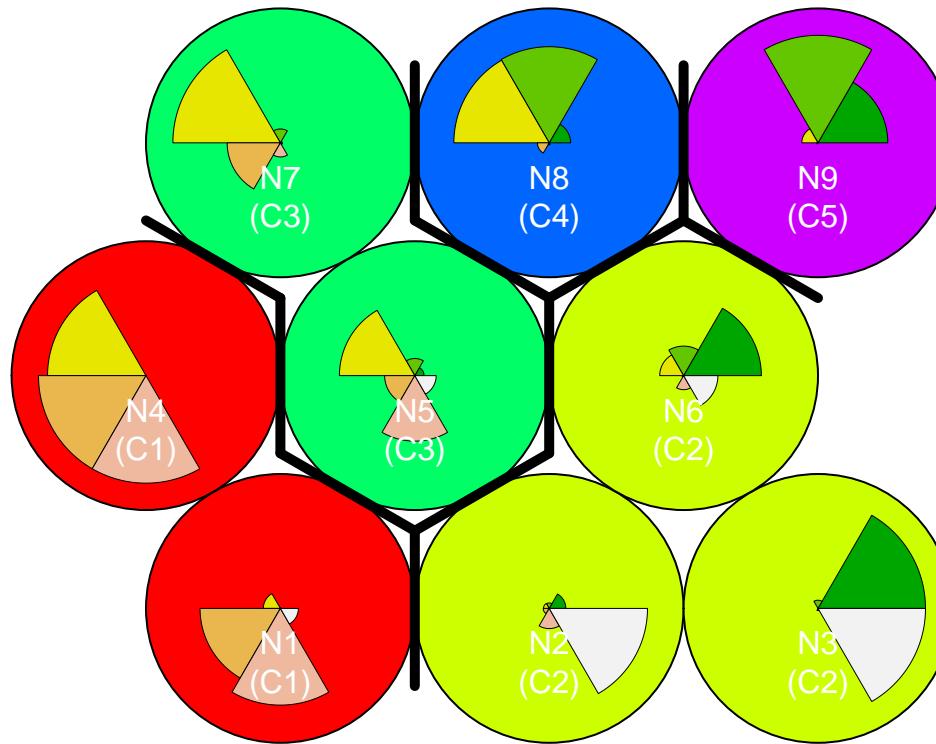


SOM – Counts (k = 5 )



## SOM – Clusters (k = 5 )

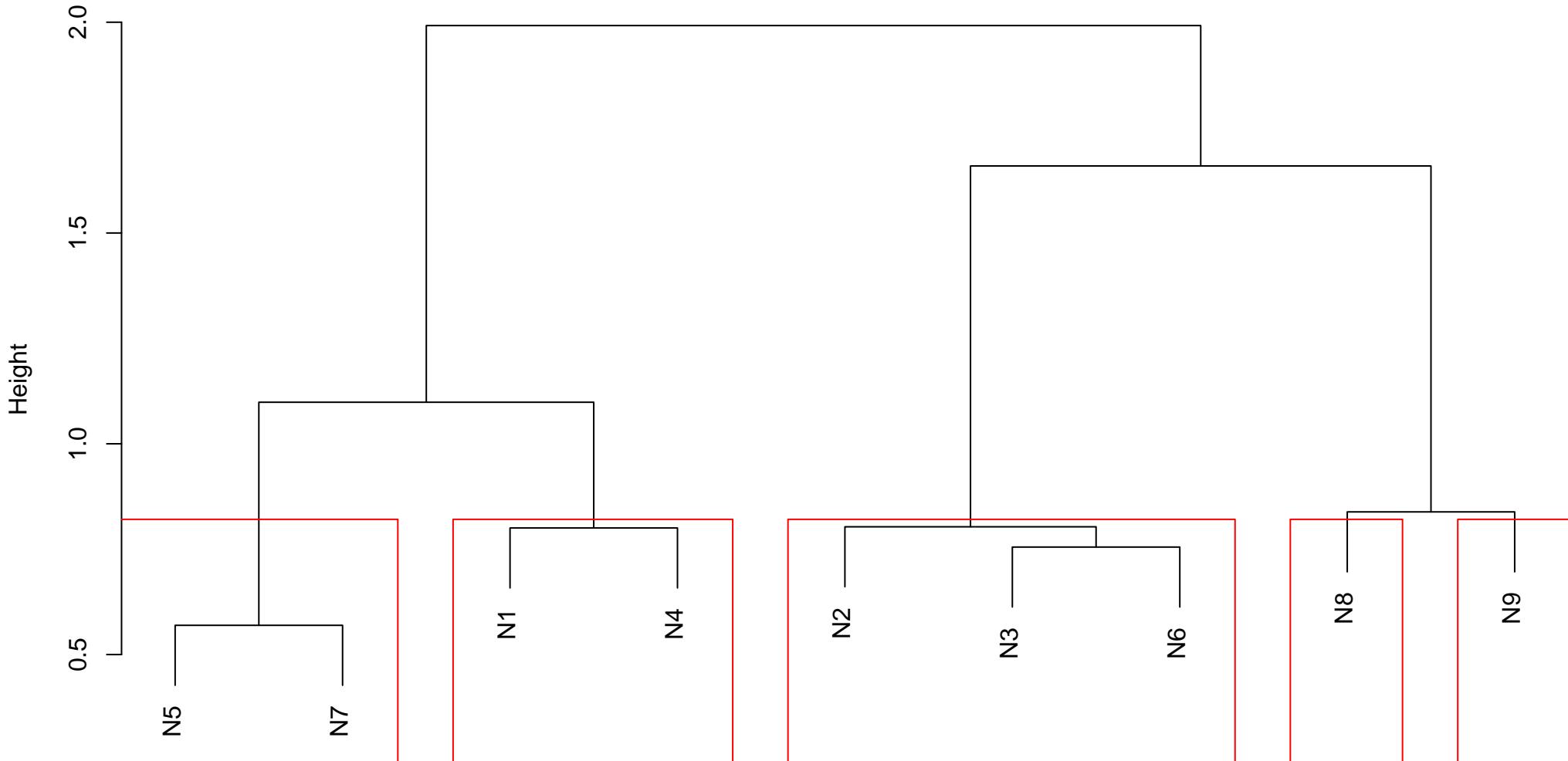


- |                  |                   |
|------------------|-------------------|
| ■ amazd.suprised | ■ quiet.still     |
| ■ happy.pleasd   | ■ sad.lonely      |
| ■ relaxng.calm   | ■ angry.aggresive |

<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	45	74	78	0
2	2	83	8	4	0	14	122
3	3	0	0	68	21	19	3
4	4	7	60	60	4	0	0
5	5	25	41	0	0	1	0

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	1	000100	4
1	1	000010	8
3	1	000110	25
4	1	001110	45

<b>cluster</b>		<b>combinacao</b>	<b>frequencia</b>
3	2	001001	2
8	2	100011	2
9	2	101000	2
4	2	010001	3
7	2	100010	4
10	2	110001	5
2	2	000011	8
5	2	100000	16
1	2	000001	48
6	2	100001	54

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

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	4	011100	4
3	4	111000	7
1	4	011000	49

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>	
2	5	010010	1
1	5	010000	15
3	5	110000	25