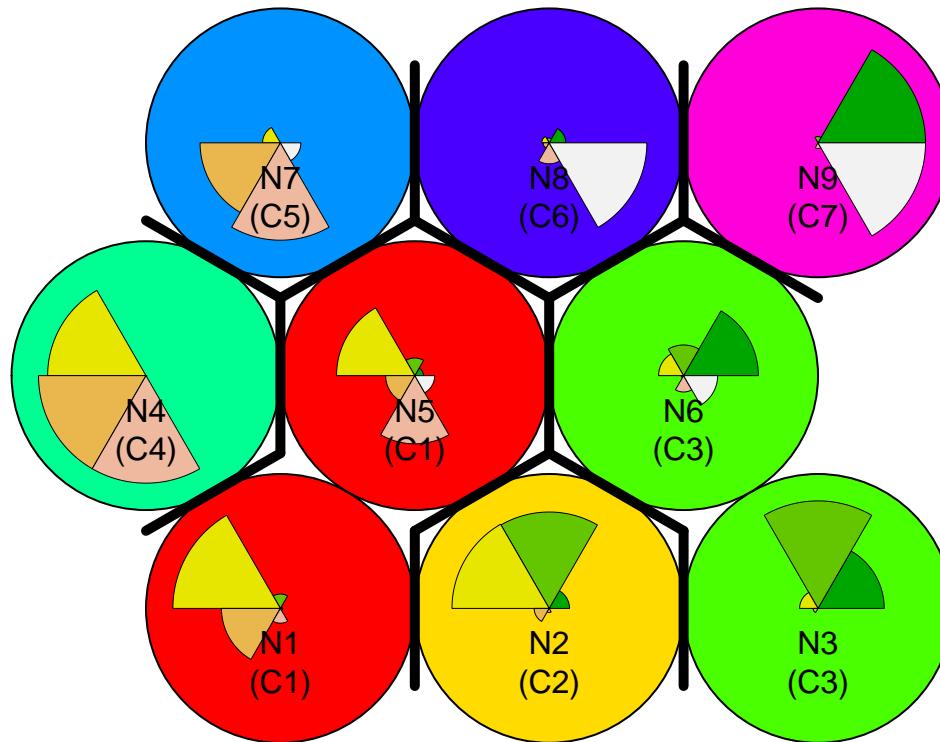


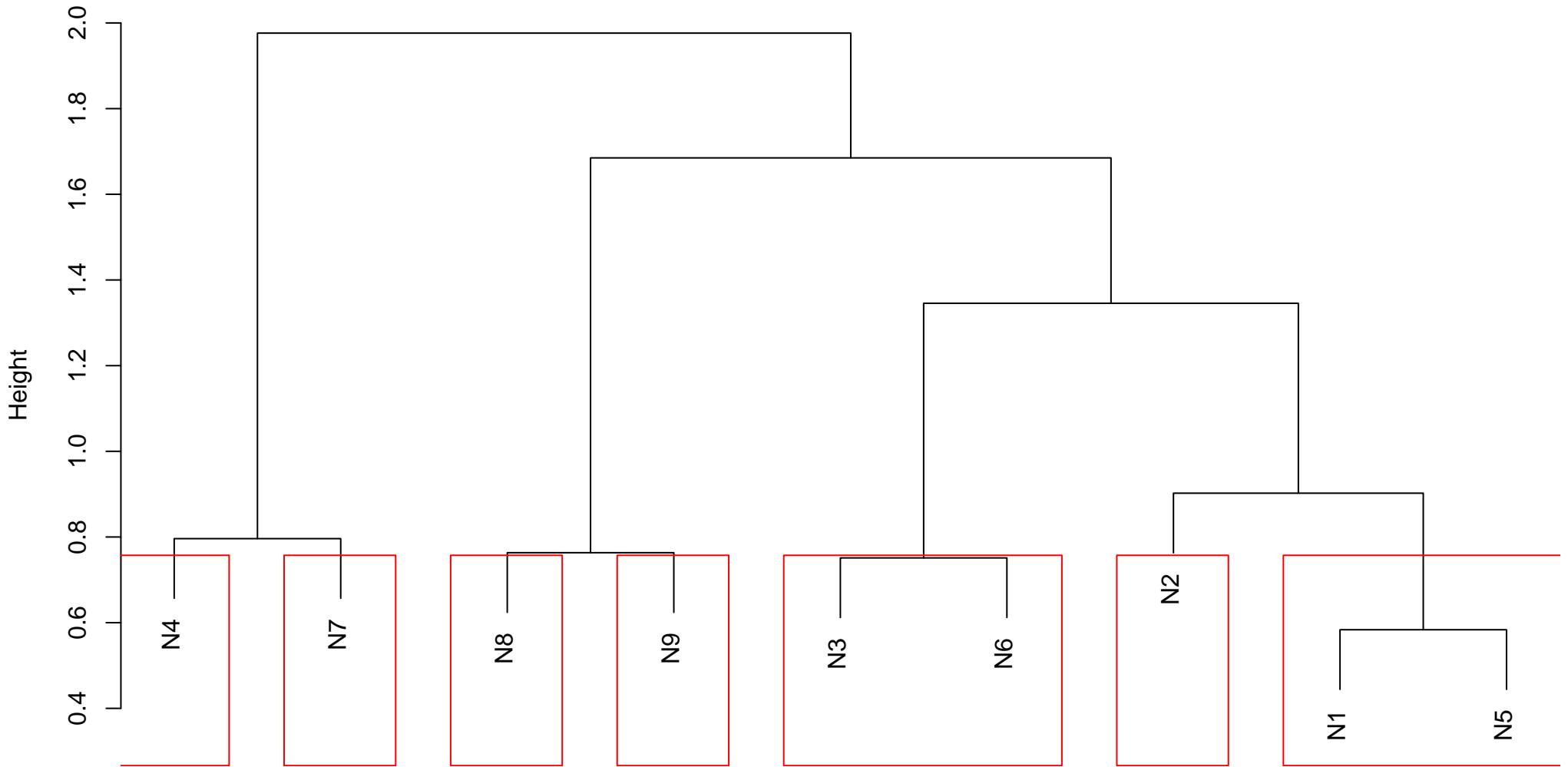
## SOM – Clusters (k = 7 )



- 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

## 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.aggresive
1 1	0	0	68	21	19	3
2 2	8	62	62	4	0	0
3 3	47	42	1	1	4	0
4 4	0	0	44	44	44	0
5 5	0	0	0	28	33	1
6 6	0	4	2	0	8	62
7 7	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
5	3	101000	1
4	3	100010	4
1	3	010000	15
3	3	100000	16
6	3	110000	26

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

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
4	5	000111	1
2	5	000100	3
1	5	000010	8
3	5	000110	24

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
3	6	001001	2
4	6	010001	4
2	6	000011	8
1	6	000001	48

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	7	100011	3
3	7	110001	4
1	7	100001	54