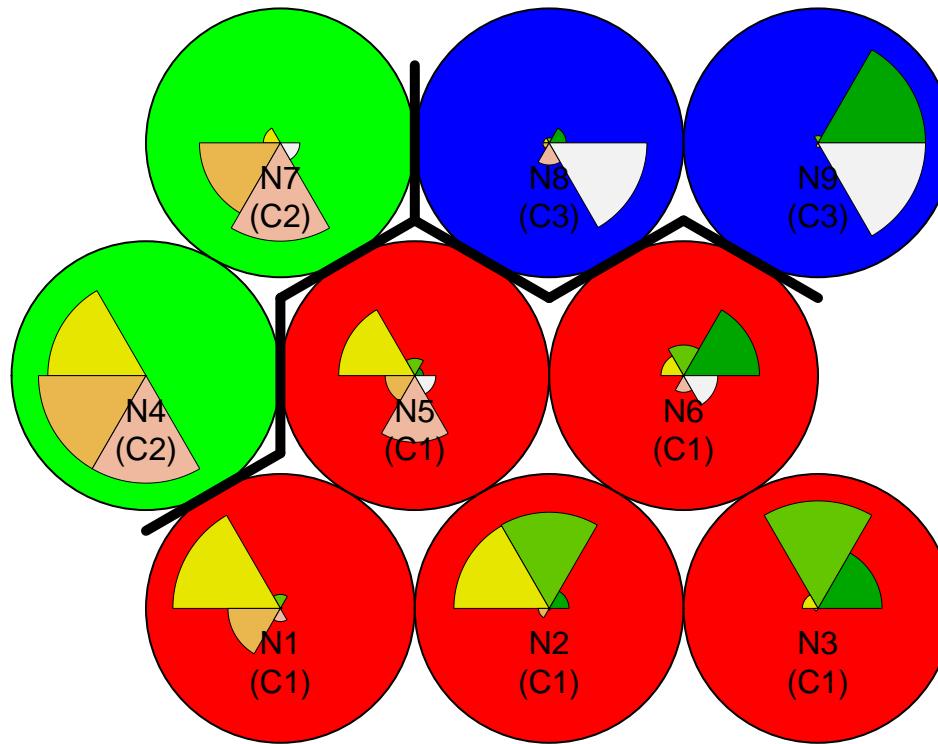


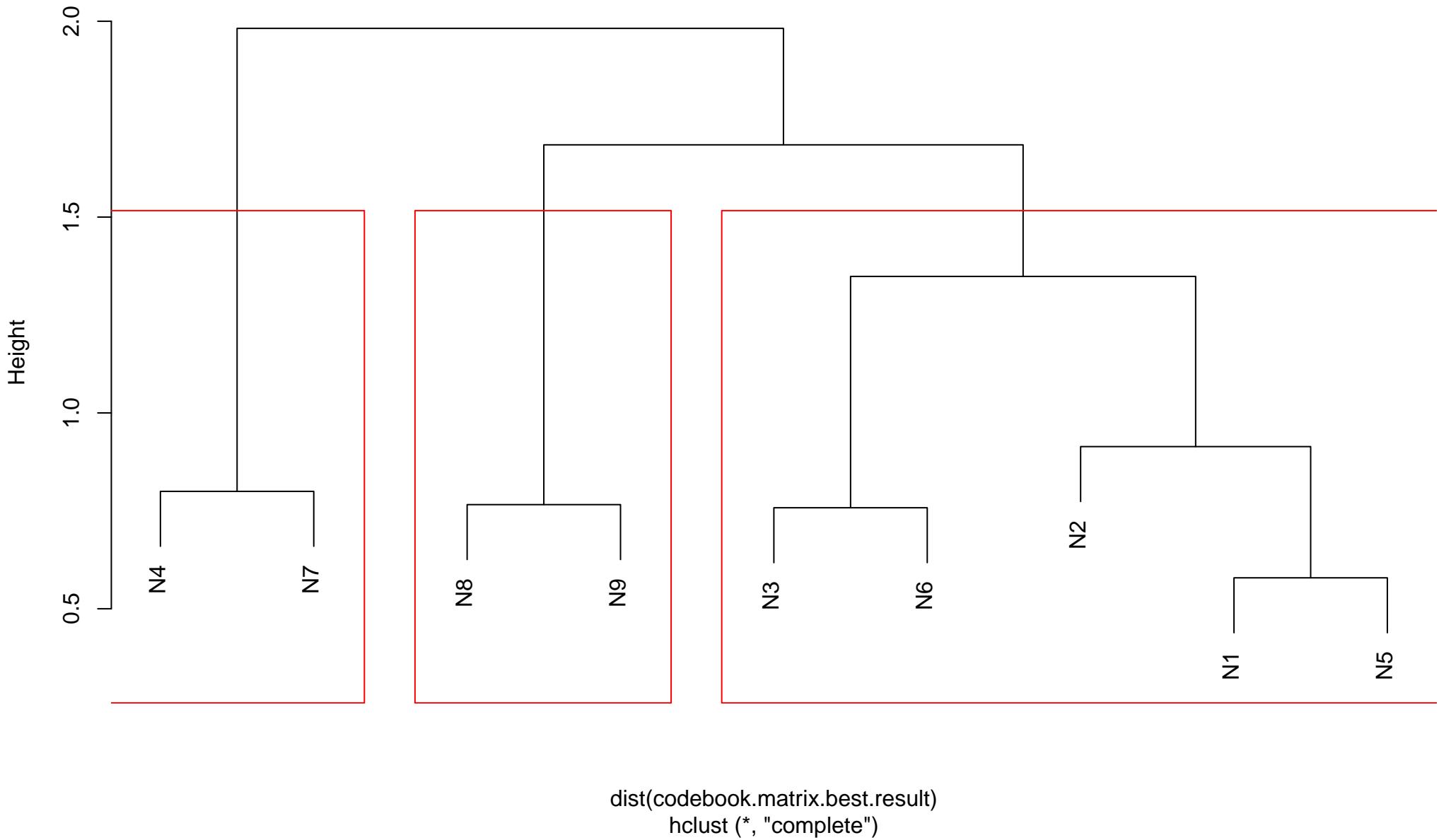
## SOM – Clusters (k = 3 )



- |                   |                   |
|-------------------|-------------------|
| ■ 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	48	20	0	0
2 2	7	60	60	4	0	0
3 3	25	43	0	1	1	0
4 4	0	0	45	45	45	0
5 5	0	0	18	0	18	2
6 6	21	0	1	0	4	0
7 7	0	0	0	29	34	1
8 8	0	3	2	0	8	61
9 9	62	5	0	0	3	62

### Cluster Dendrogram



cluster		Y.amazed.suprised	Y.happy.pleased	Y.relaxing.calm	Y.quiet.still	Y.sad.lonely	Y.angry.aggresive
1	1	53	103	127	25	23	2
2	2	0	0	45	74	79	1
3	3	62	8	2	0	11	123

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
6	1	010010	1
7	1	010100	1
12	1	101000	1
3	1	001011	2
9	1	011100	4
11	1	100010	4
14	1	111000	7
2	1	001010	16
5	1	010000	16
10	1	100000	16
4	1	001100	20
13	1	110000	25
1	1	001000	28
8	1	011000	49

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
4	2	000111	1
2	2	000100	3
1	2	000010	8
3	2	000110	25
5	2	001110	45

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