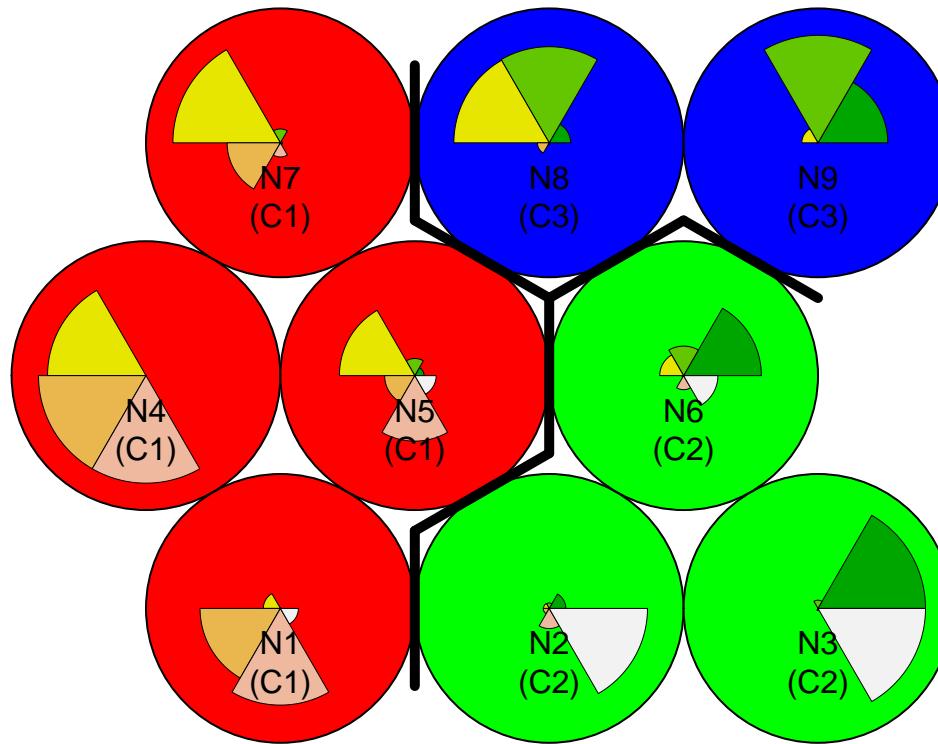


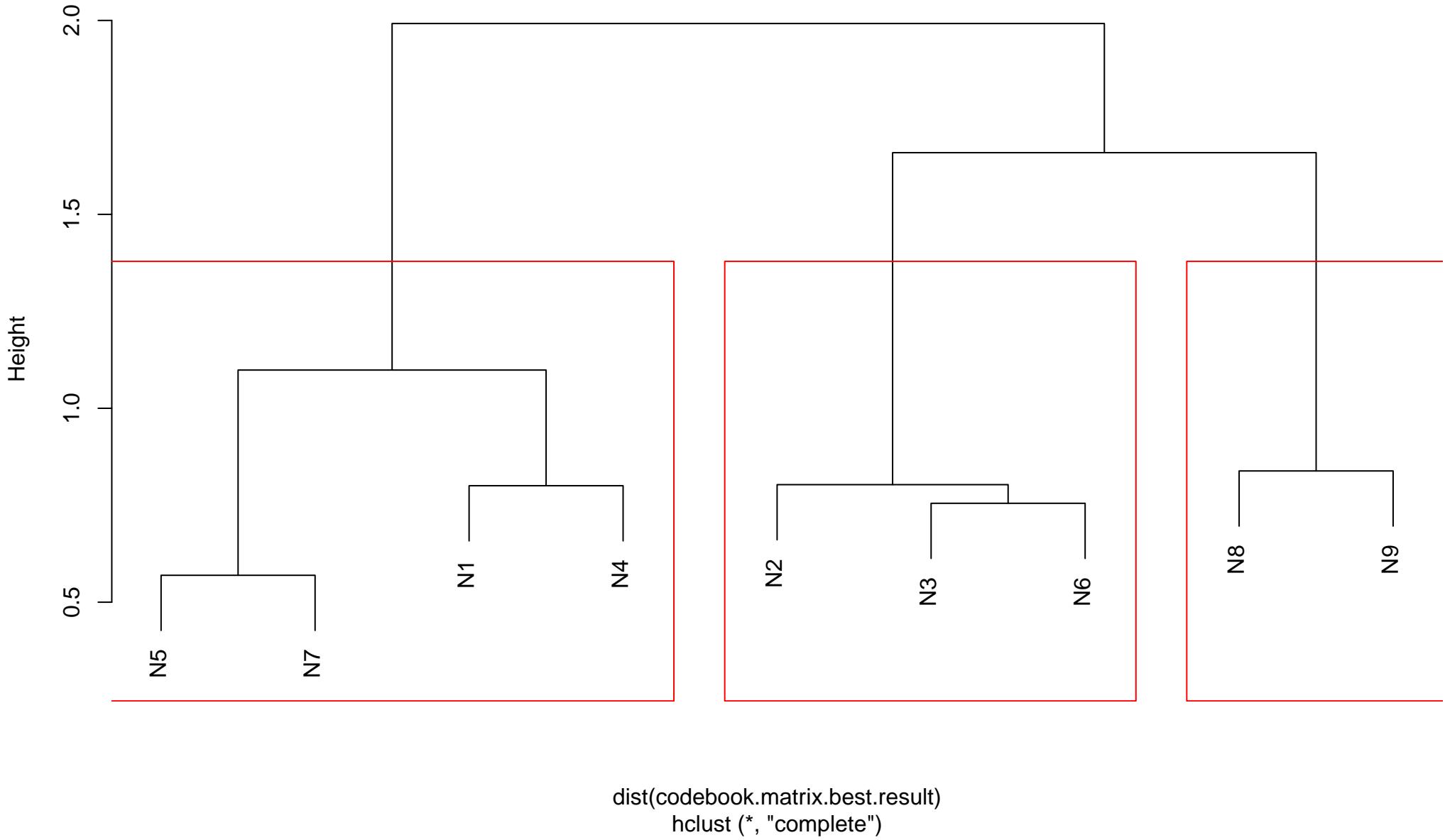
## SOM – Clusters (k = 3 )



- |   |                 |   |                 |
|---|-----------------|---|-----------------|
| ■ | 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	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

## Cluster Dendrogram



cluster	Y.amazed.suprised	Y.happy.pleased	Y.relaxing.calm	Y.quiet.still	Y.sad.lonely	Y.angry.aggresive
1 1	0	0	113	95	97	3
2 2	83	8	4	0	14	122
3 3	32	101	60	4	1	0

	<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>
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>
2	3	010010	1
4	3	011100	4
6	3	111000	7
1	3	010000	15
5	3	110000	25
3	3	011000	49