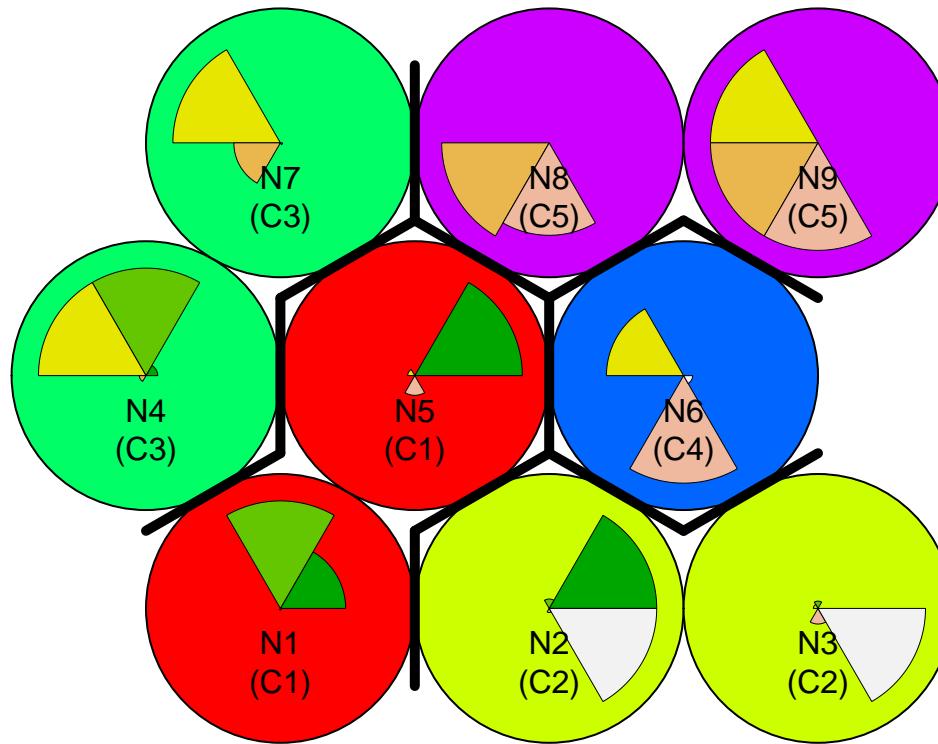


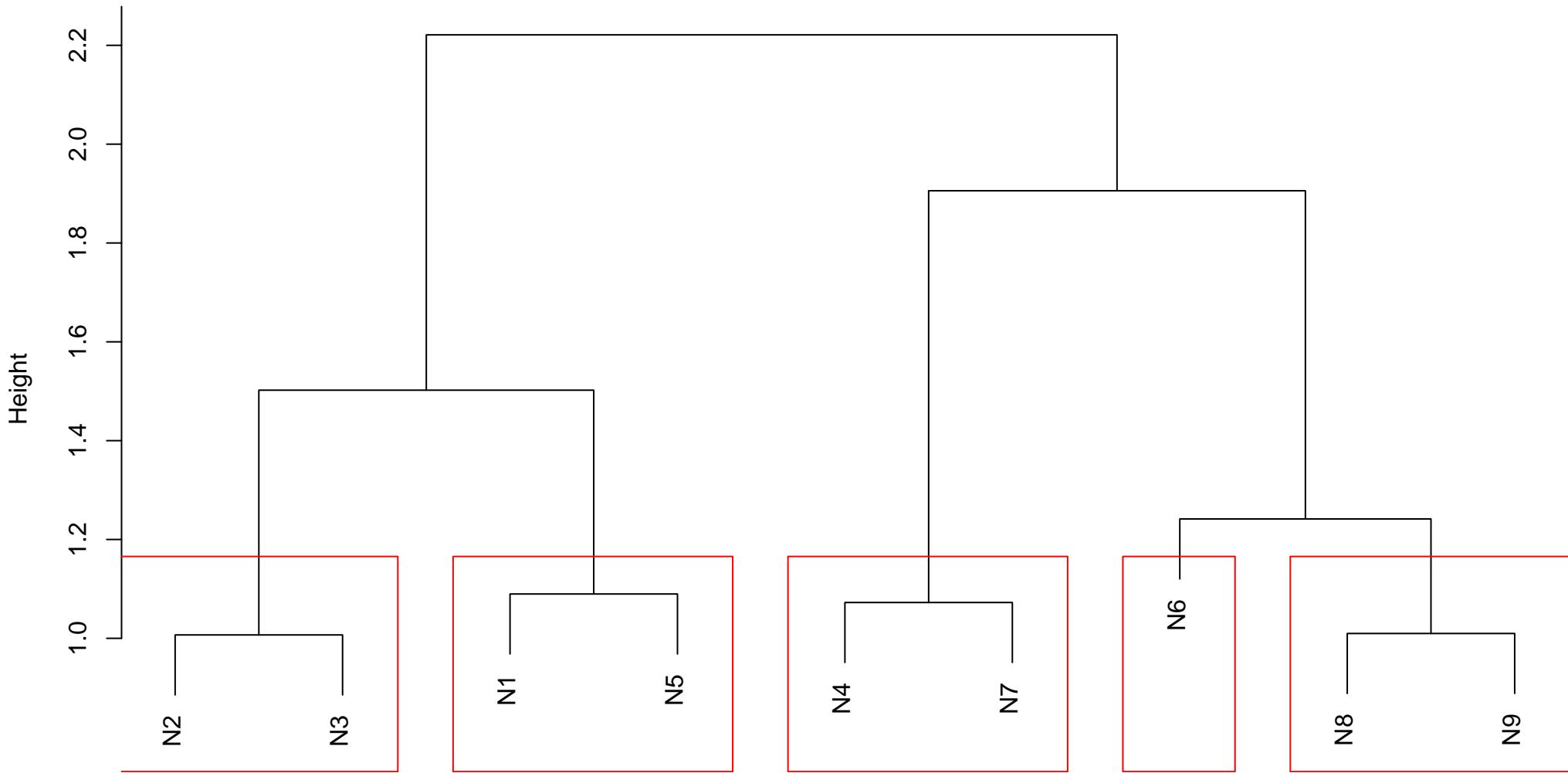
SOM – Clusters (k = 5)



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

neuron	Y.amazed.suprised	Y.happy.pleased	Y.relaxing.calm	Y.quiet.still	Y.sad.lonely	Y.angry.aggressive
1 1	25	41	0	0	1	0
2 2	61	5	0	0	2	61
3 3	0	3	2	0	8	61
4 4	7	60	60	4	0	0
5 5	22	0	2	0	4	0
6 6	0	0	19	0	27	2
7 7	0	0	49	21	0	1
8 8	0	0	0	29	25	0
9 9	0	0	45	45	45	0

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	47	41	2	0	5	0
2	2	61	8	2	0	10	122
3	3	7	60	109	25	0	1
4	4	0	0	19	0	27	2
5	5	0	0	45	74	70	0

	cluster	combinacao	frequencia
2	1	010010	1
5	1	101000	2
4	1	100010	4
1	1	010000	15
3	1	100000	16
6	1	110000	25

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

	cluster	combinacao	frequencia
3	3	001101	1
5	3	011100	4
6	3	111000	7
2	3	001100	20
1	3	001000	28
4	3	011000	49

	cluster	combinacao	frequencia
3	4	001011	2
1	4	000010	8
2	4	001010	17

	cluster	combinacao	frequencia
1	5	000100	4
2	5	000110	25
3	5	001110	45