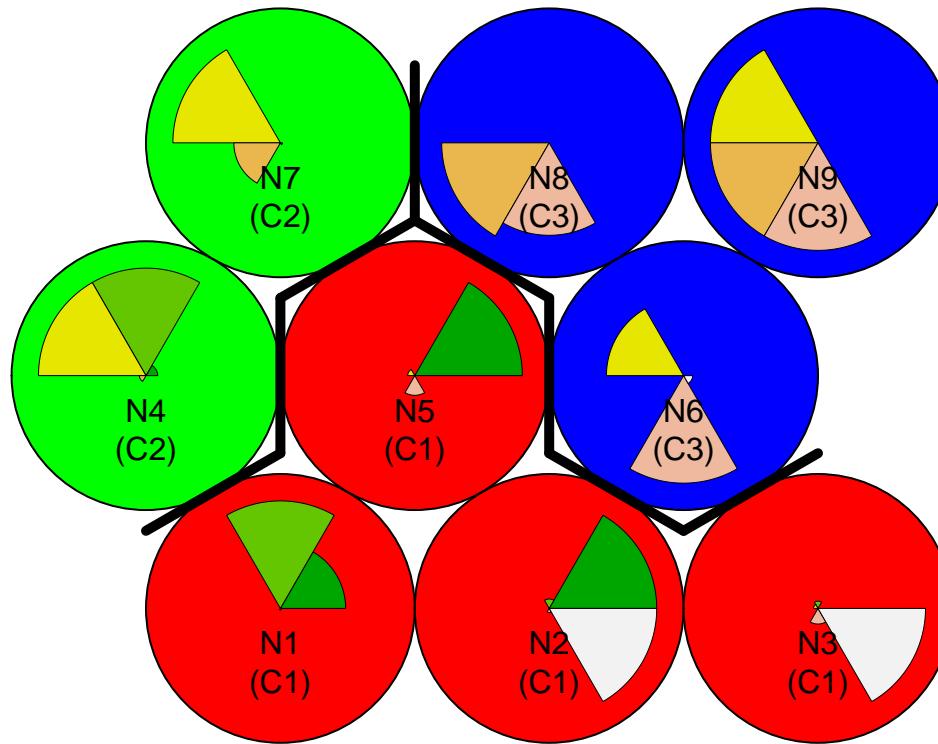


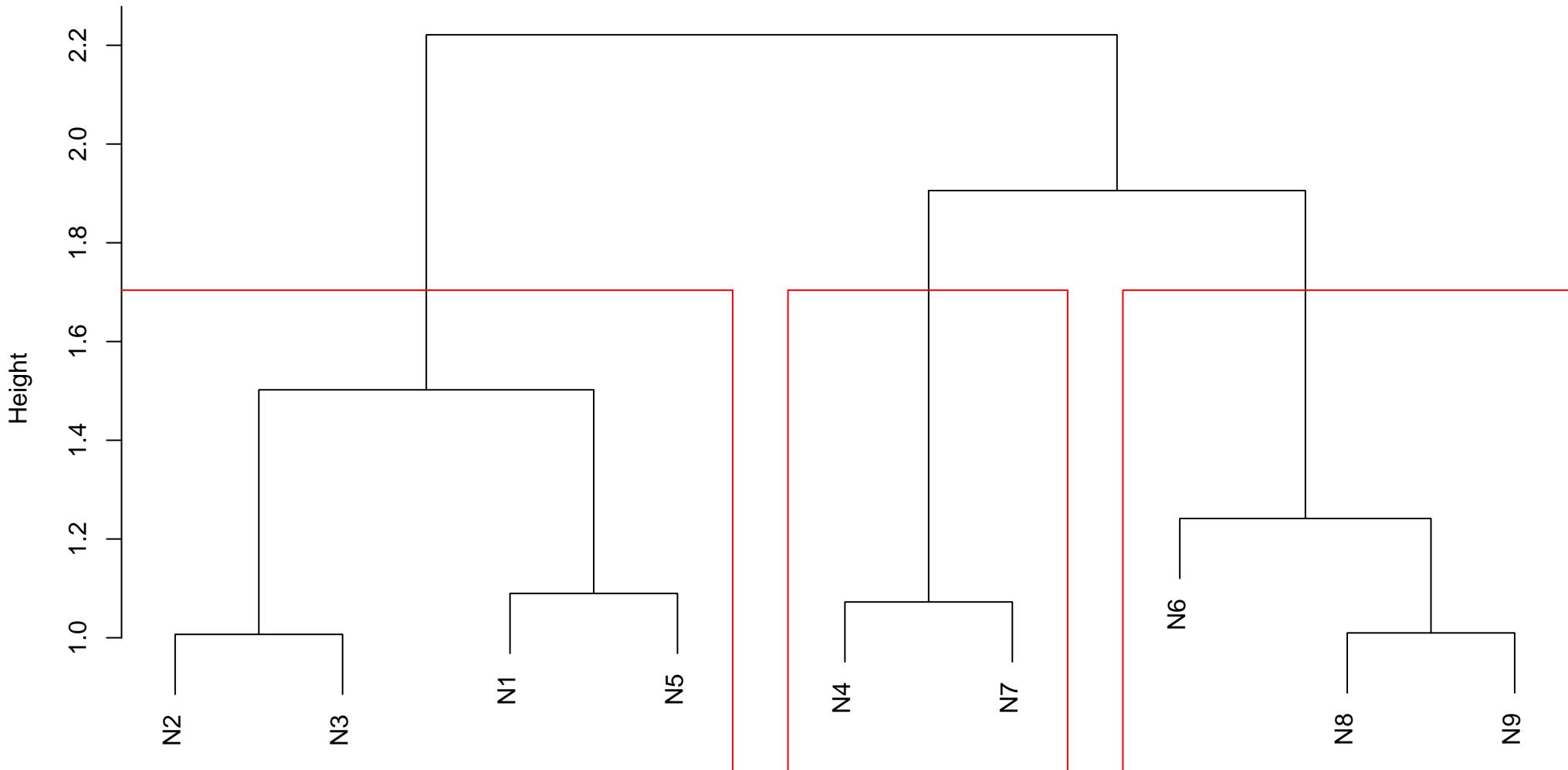
SOM – Clusters (k = 3)



■	amazed.suprised	■	quiet.still
■	happy.pleased	■	sad.lonely
■	relaxing.calm	■	angry.aggressive

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	108	49	4	0	15	122
2	2	7	60	109	25	0	1
3	3	0	0	64	74	97	2

cluster		combinacao	frequencia
6	1	010010	1
3	1	001001	2
10	1	100011	2
11	1	101000	2
5	1	010001	3
9	1	100010	4
13	1	110001	5
2	1	000011	8
4	1	010000	15
7	1	100000	16
12	1	110000	25
1	1	000001	48
8	1	100001	54

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

	cluster	combinacao	frequencia
5	3	001011	2
2	3	000100	4
1	3	000010	8
4	3	001010	17
3	3	000110	25
6	3	001110	45