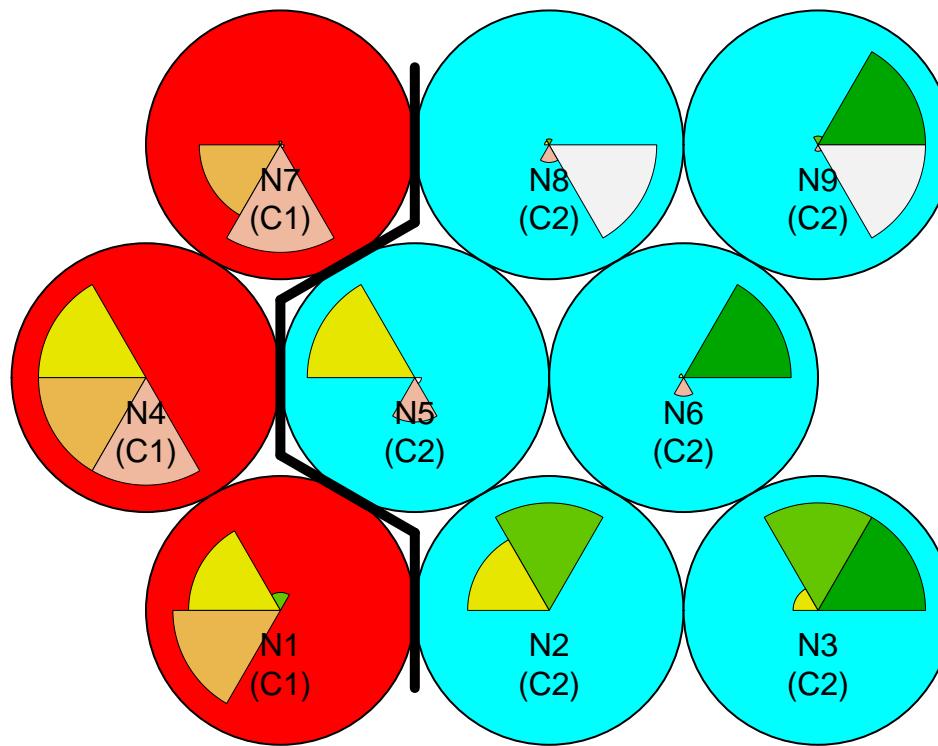


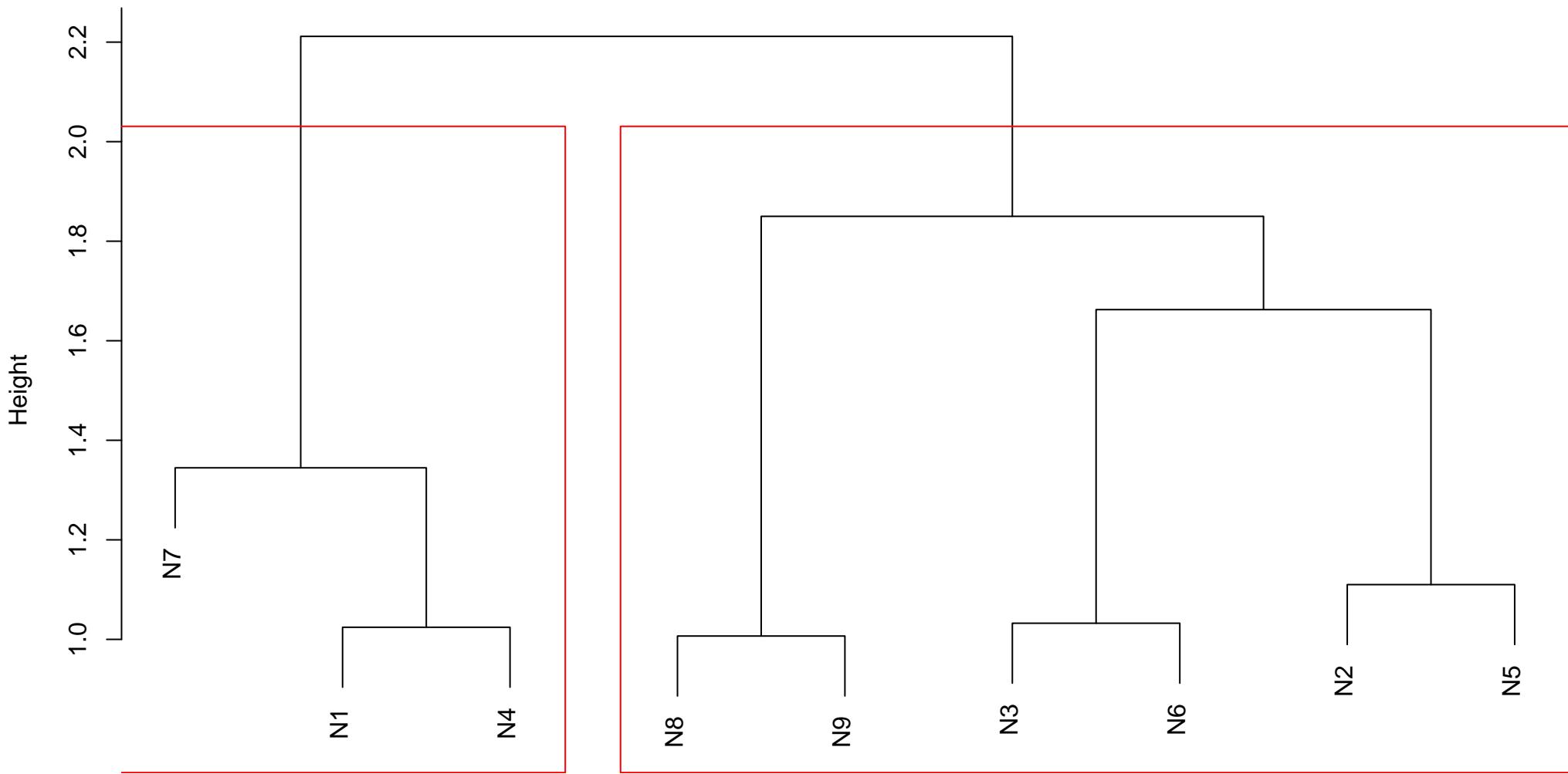
SOM – Clusters (k = 2)



- 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	0	5	24	28	0	0
2 2	0	65	49	0	0	0
3 3	32	32	7	0	0	0
4 4	0	0	45	45	45	0
5 5	0	0	46	0	18	2
6 6	21	0	1	0	4	0
7 7	0	1	0	26	35	1
8 8	0	3	2	0	8	61
9 9	62	5	0	0	3	62

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	0	6	69	99	80	1
2	2	115	105	105	0	33	125

cluster		combinacao	frequencia
4	1	000111	1
7	1	010010	1
8	1	010100	1
2	1	000100	3
9	1	011100	4
1	1	000010	8
5	1	001100	20
3	1	000110	25
6	1	001110	45

	cluster	combinacao	frequencia
14	2	101000	1
4	2	001001	2
6	2	001011	2
8	2	010001	3
13	2	100011	3
12	2	100010	4
16	2	110001	5
17	2	111000	7
2	2	000011	8
5	2	001010	16
7	2	010000	16
10	2	100000	16
15	2	110000	25
3	2	001000	28
1	2	000001	48
9	2	011000	49
11	2	100001	54