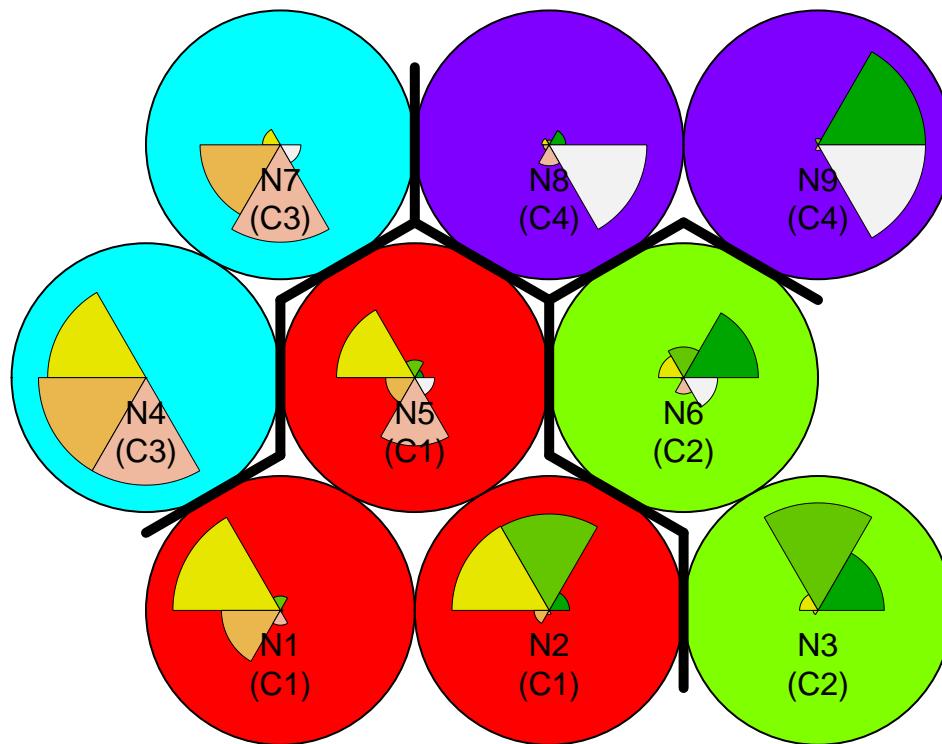


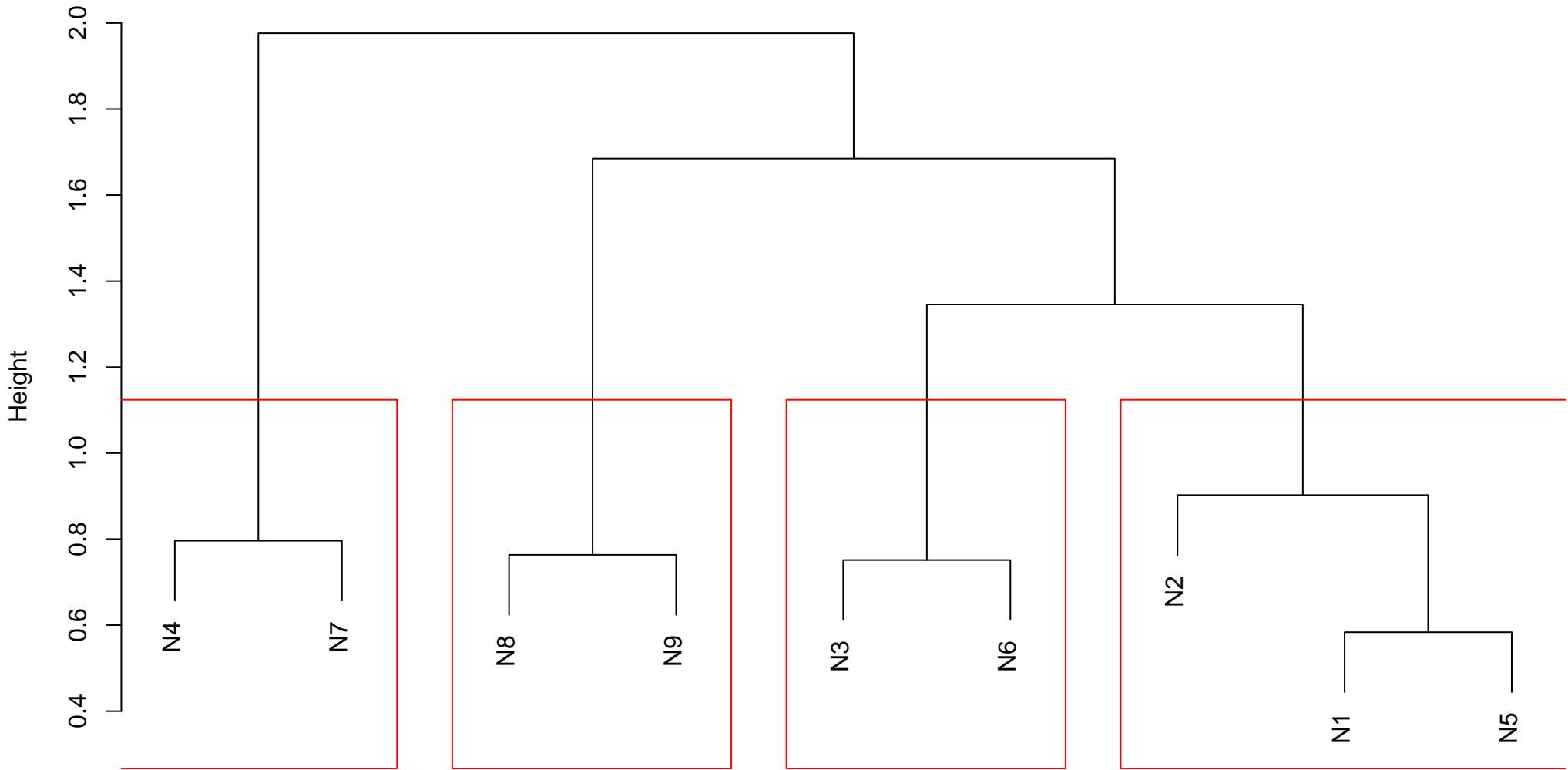
SOM – Clusters (k = 4)



■	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	0	49	21	0	1
2 2	8	62	62	4	0	0
3 3	26	42	0	1	0	0
4 4	0	0	44	44	44	0
5 5	0	0	19	0	19	2
6 6	21	0	1	0	4	0
7 7	0	0	0	28	33	1
8 8	0	4	2	0	8	62
9 9	61	4	0	0	3	61

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.aggresive
1	1	8	62	130	25	19	3
2	2	47	42	1	1	4	0
3	3	0	0	44	72	77	1
4	4	61	8	2	0	11	123

	cluster	combinacao	frequencia
5	1	001101	1
3	1	001011	2
7	1	011100	4
8	1	111000	8
2	1	001010	17
4	1	001100	20
1	1	001000	28
6	1	011000	50

	cluster	combinacao	frequencia
2	2	010100	1
5	2	101000	1
4	2	100010	4
1	2	010000	15
3	2	100000	16
6	2	110000	26

	cluster	combinacao	frequencia
4	3	000111	1
2	3	000100	3
1	3	000010	8
3	3	000110	24
5	3	001110	44

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