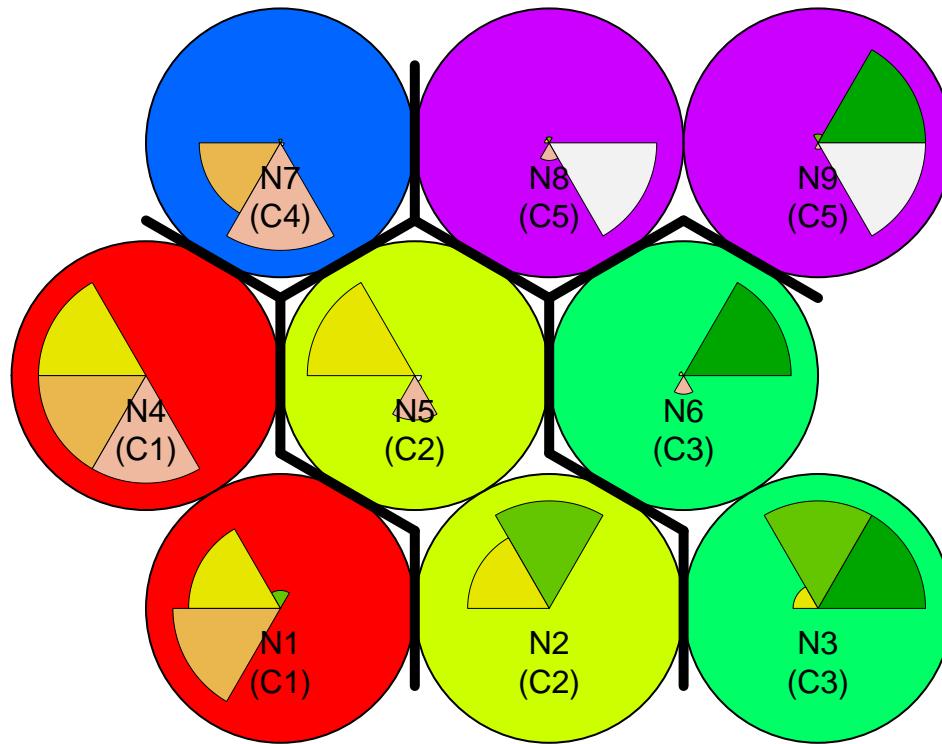


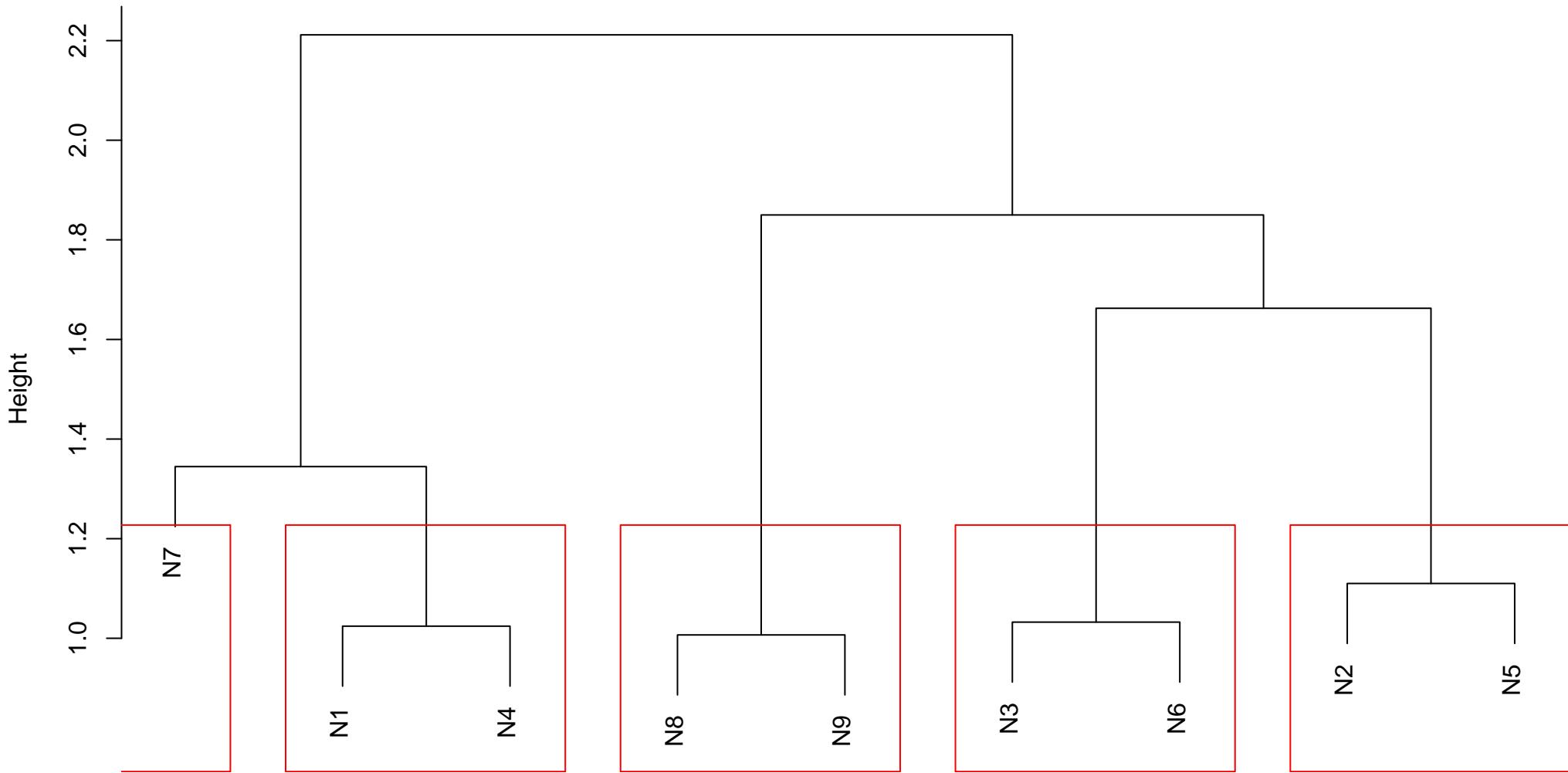
SOM – Clusters (k = 5)



■	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	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	5	69	73	45	0
2	2	0	65	95	0	18	2
3	3	53	32	8	0	4	0
4	4	0	1	0	26	35	1
5	5	62	8	2	0	11	123

	cluster	combinacao	frequencia
4	1	010100	1
1	1	000100	3
5	1	011100	4
2	1	001100	20
3	1	001110	45

	cluster	combinacao	frequencia
3	2	001011	2
2	2	001010	16
4	2	010000	16
1	2	001000	28
5	2	011000	49

	cluster	combinacao	frequencia
3	3	101000	1
2	3	100010	4
5	3	111000	7
1	3	100000	16
4	3	110000	25

	cluster	combinacao	frequencia
3	4	000111	1
4	4	010010	1
1	4	000010	8
2	4	000110	25

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