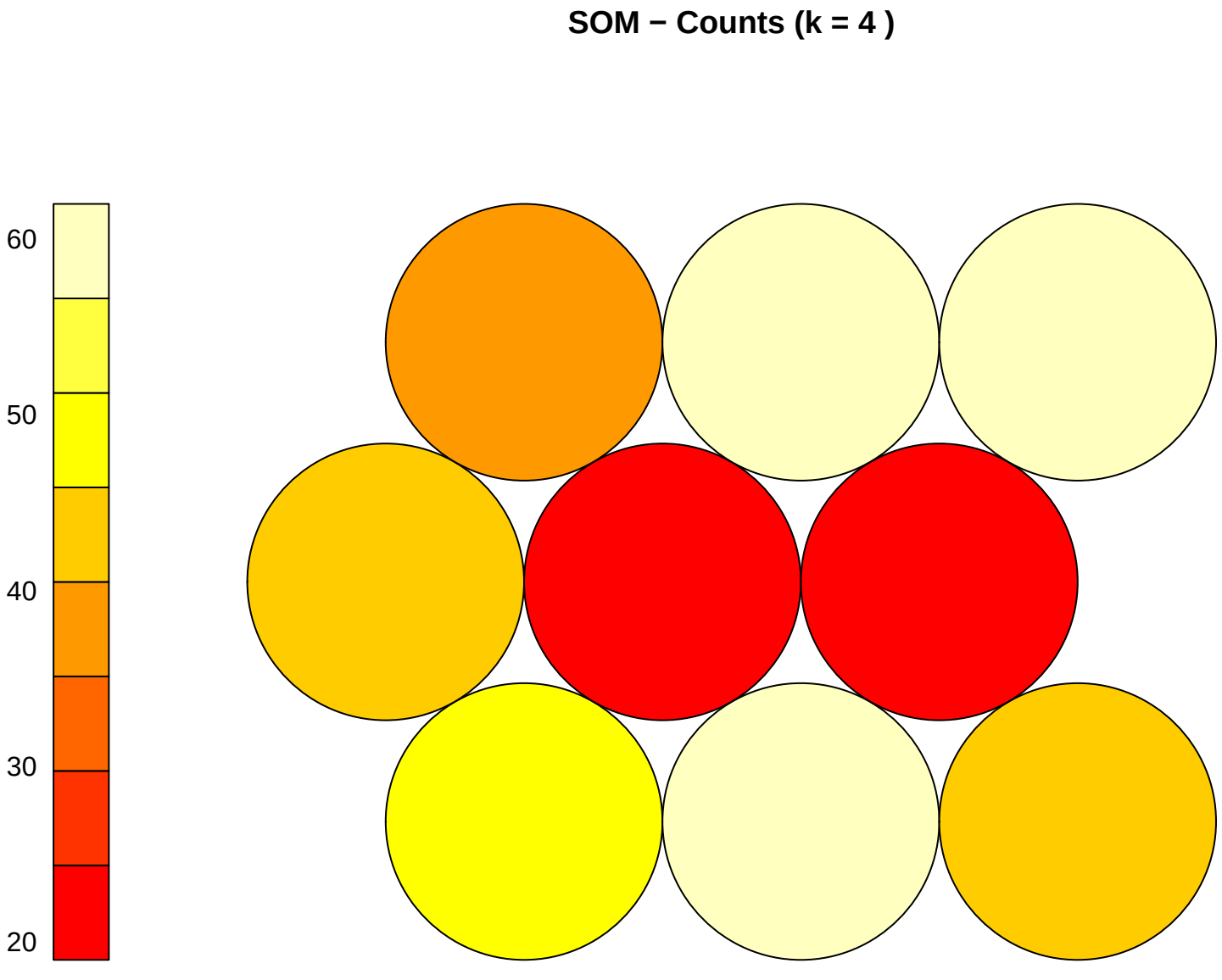
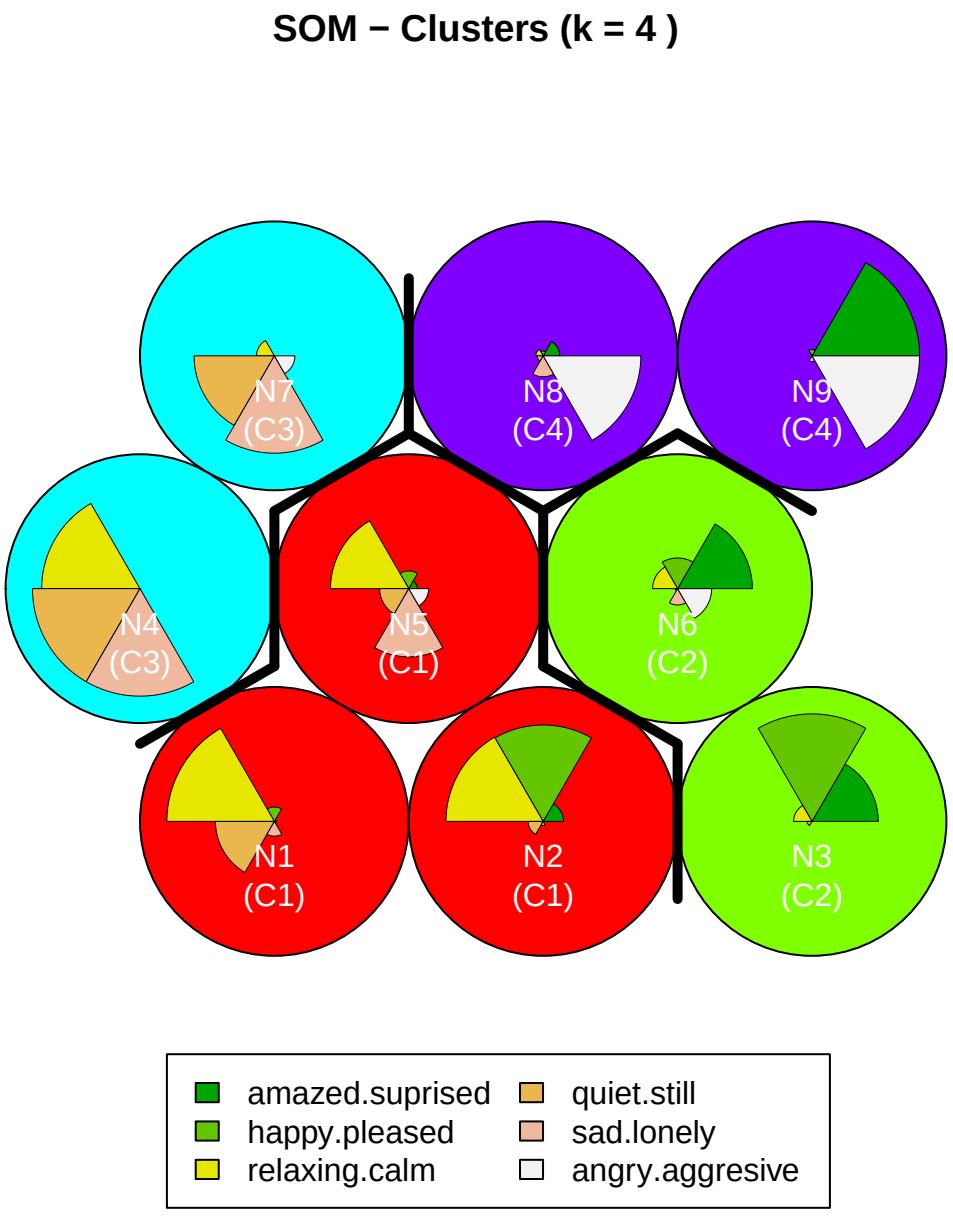
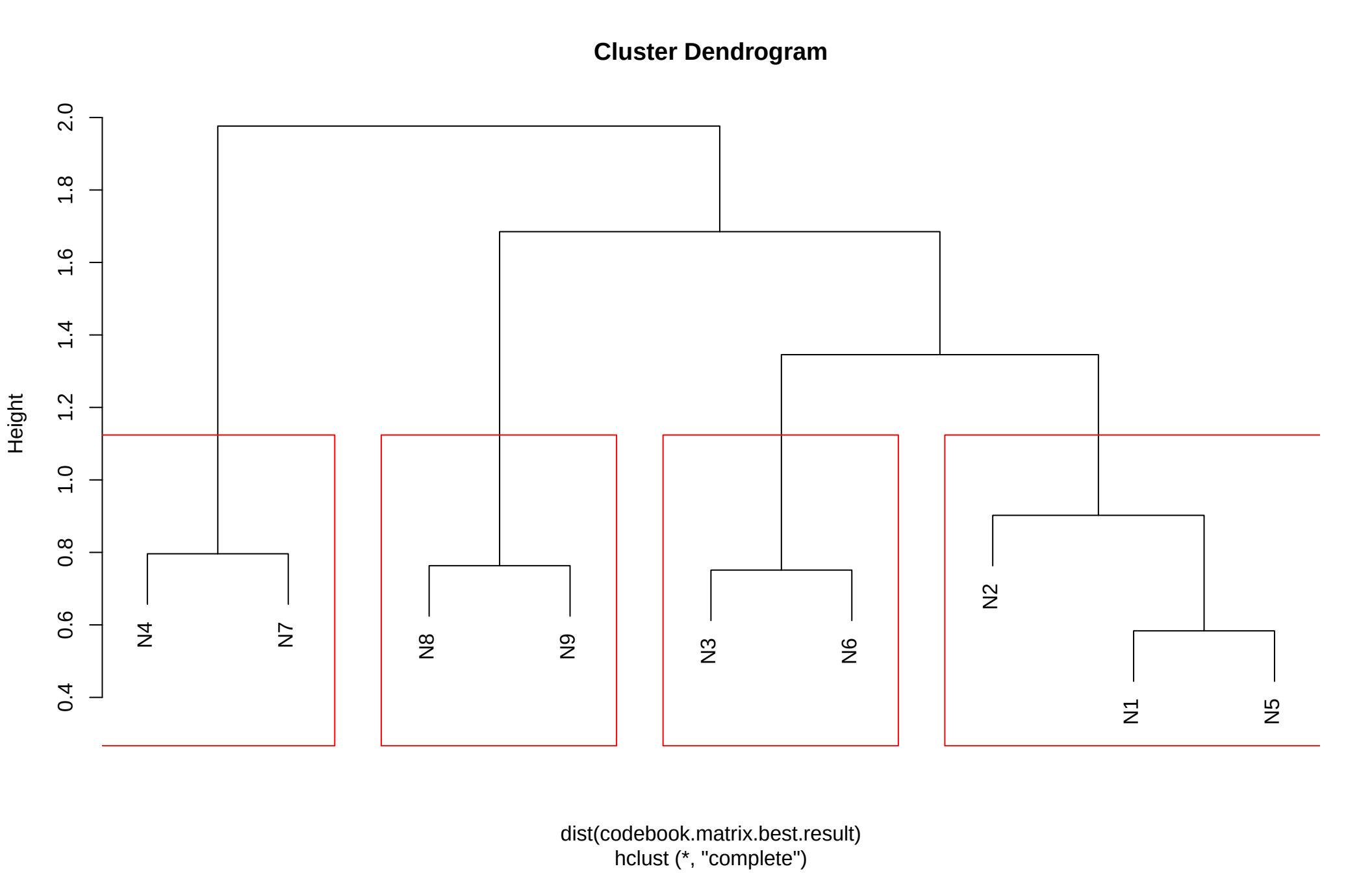

SOM − Counts (k = 4)
60
50
40
30
20


SOM − Clusters (k = 4)
N7
(C3)
N8
(C4)
N9
(C4)
N4
(C3)
N5
(C1)
N6
(C2)
N1
(C1)
N2
(C1)
N3
(C2)
amazed.suprised
happy.pleased
relaxing.calm
quiet.still
sad.lonely
angry.aggresive

	neuron	Y.amazed.suprised	Y.happy.pleased	Y.relaxing.calm	Y.quiet.still	Y.sad.lonely	Y.angry.aggresive
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

Grid: gaussian_hexagonal | rlen: 1000 | radius: 7 | alpha1: 0.5 | alpha2: 0.005 | QE Teste: 0.24622302379413


Cluster Dendrogram
Height
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
N4
N7
N8
N9
N3
N6
N2
N1
N5
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