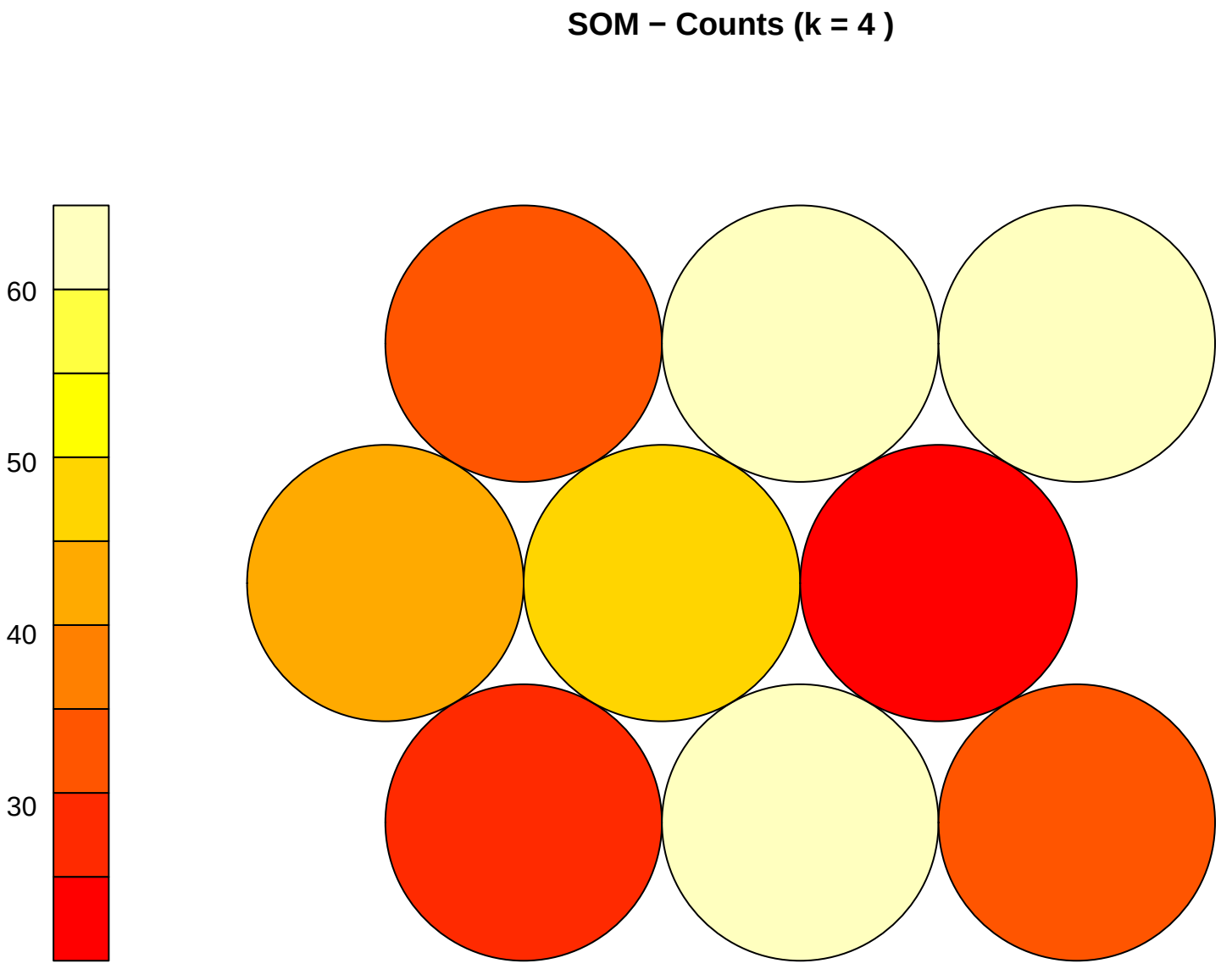
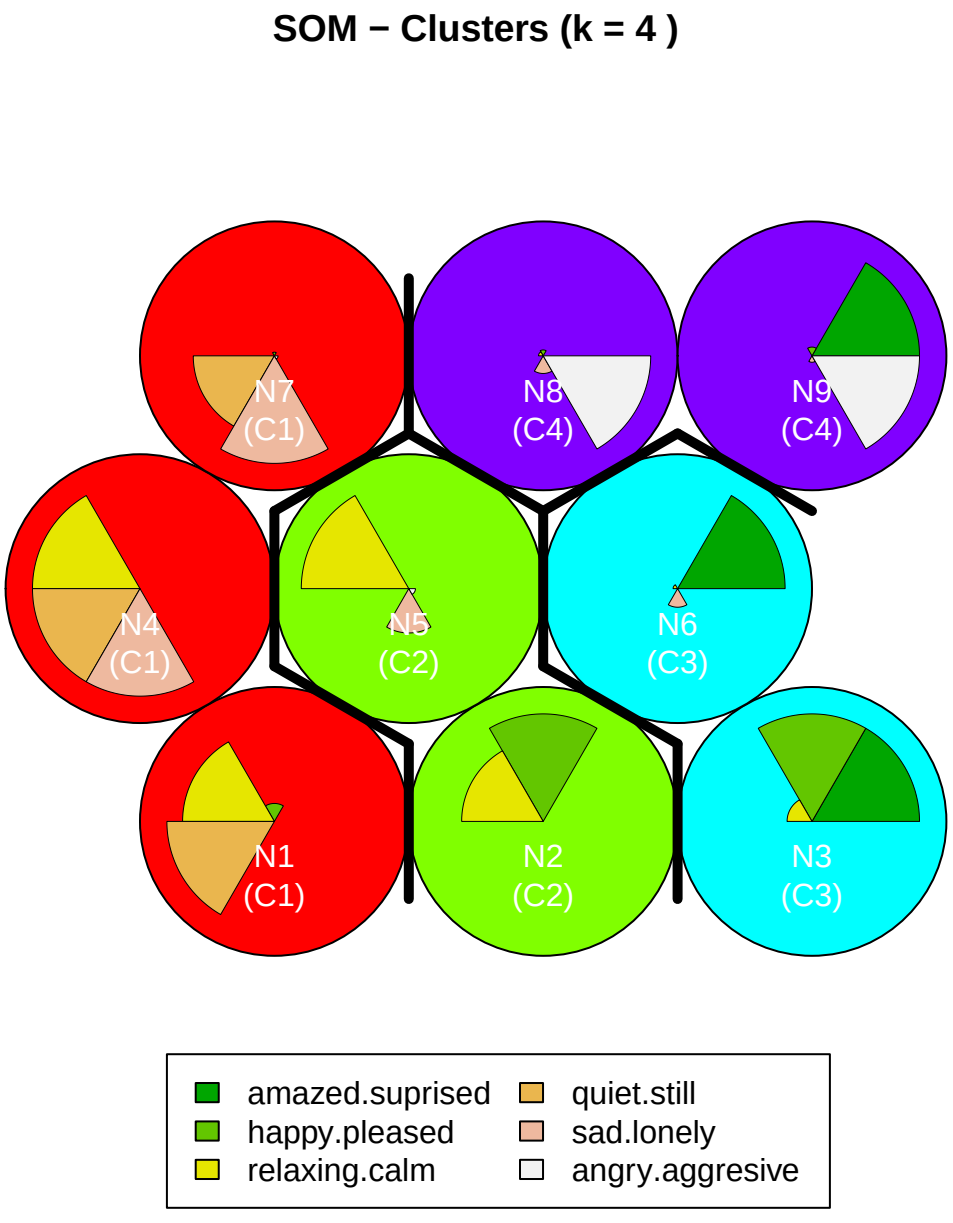
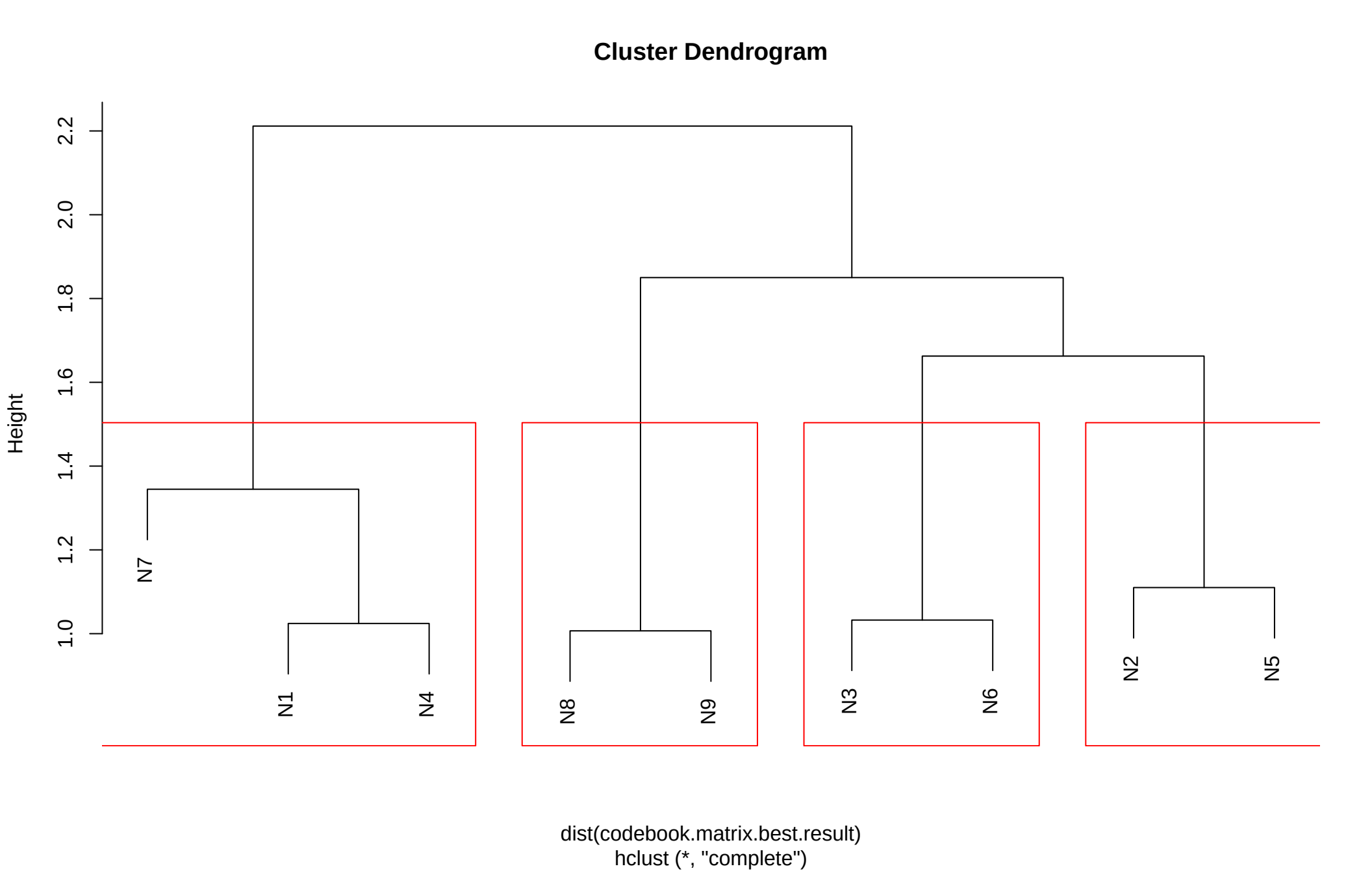

SOM − Counts (k = 4)
60
50
40
30


SOM − Clusters (k = 4)
N7
(C1)
N8
(C4)
N9
(C4)
N4
(C1)
N5
(C2)
N6
(C3)
N1
(C1)
N2
(C2)
N3
(C3)
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	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

Grid: bubble_hexagonal | rlen: 1500 | radius: 3 | alpha1: 0.5 | alpha2: 0.005 | QE Teste: 0.175105856548333


Cluster Dendrogram
Height
2.2
2.0
1.8
1.6
1.4
1.2
1.0
N7
N1
N4
N8
N9
N3
N6
N2
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	0	6	69	99	80	1
2	2	0	65	95	0	18	2
3	3	53	32	8	0	4	0
4	4	62	8	2	0	11	123

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