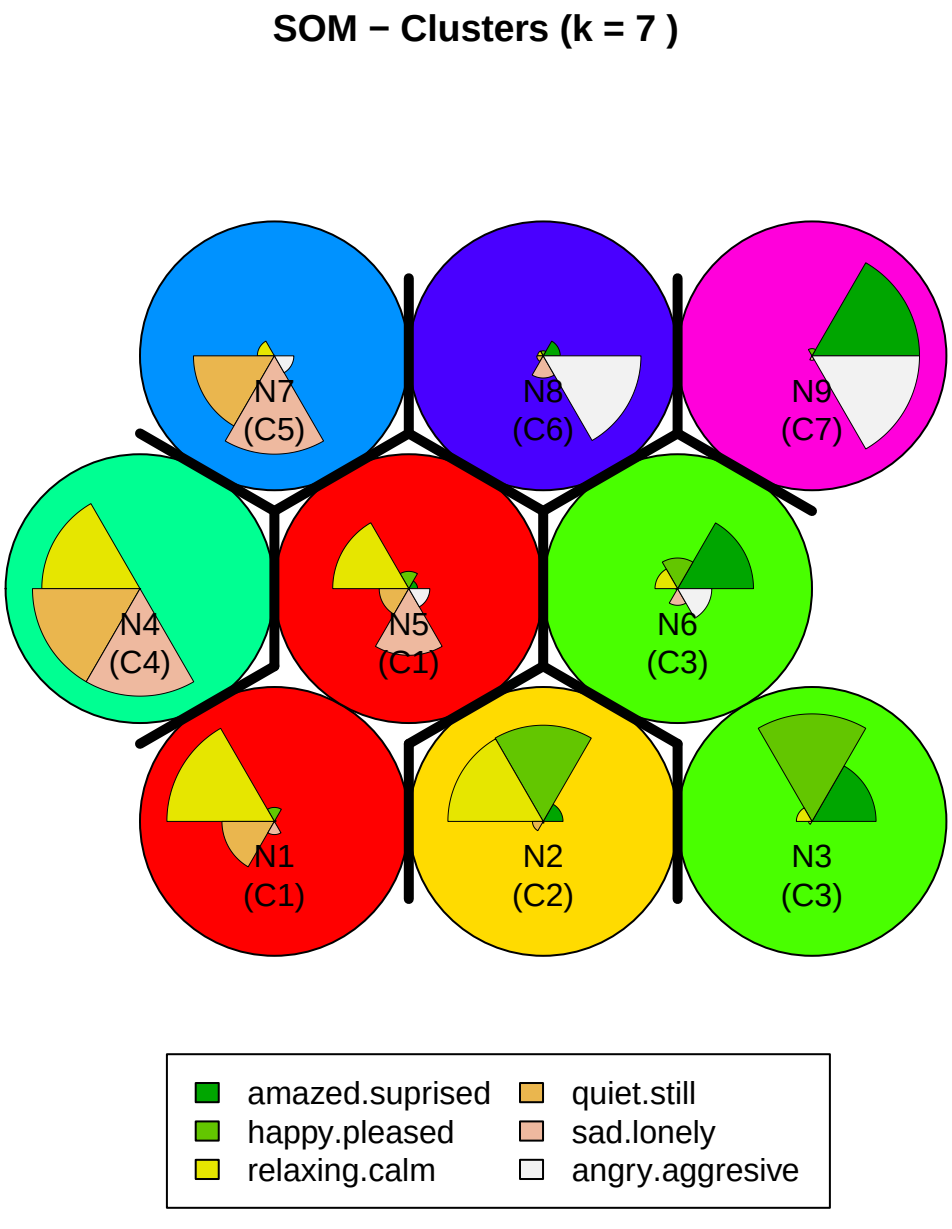
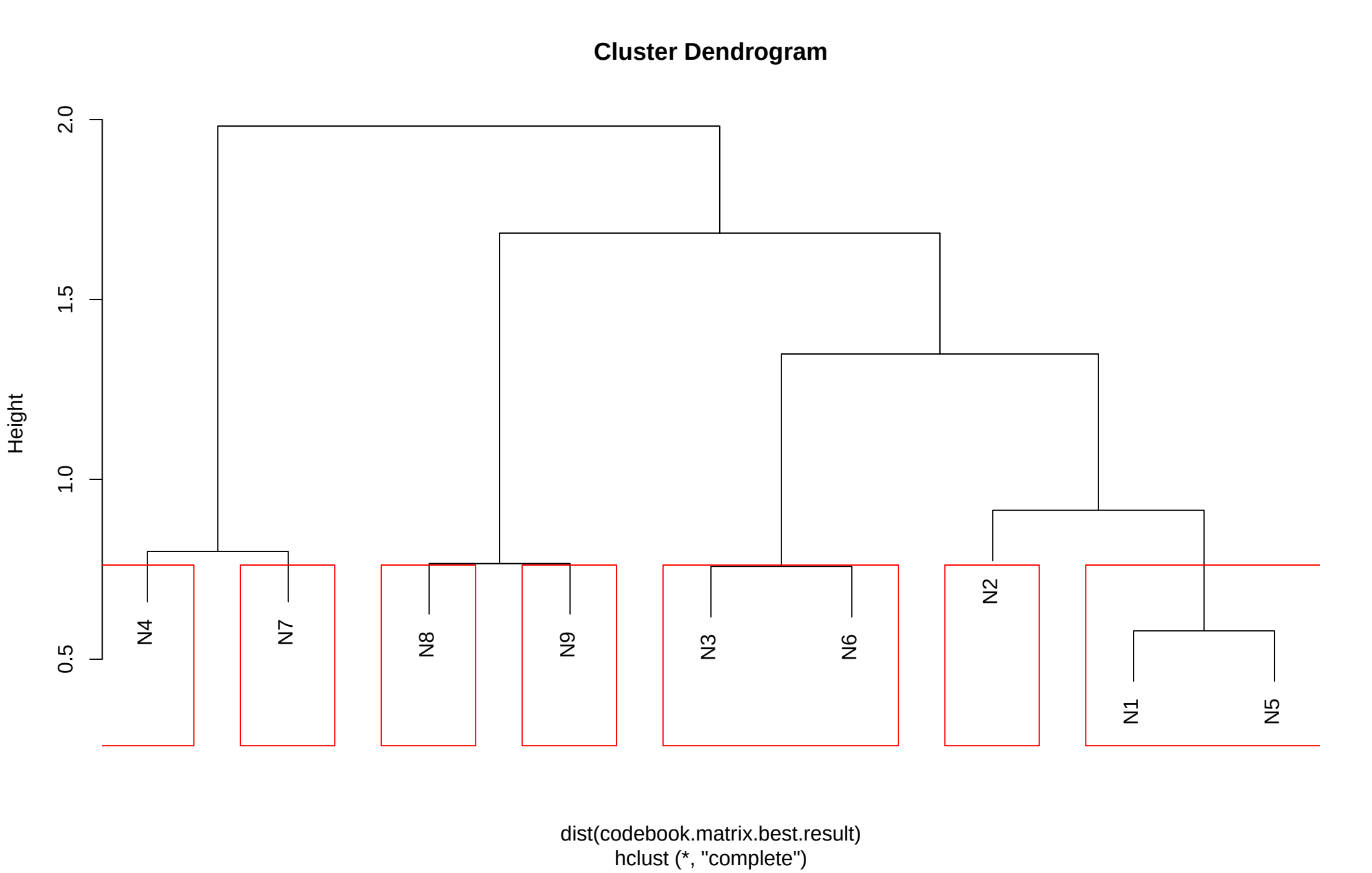

SOM − Clusters (k = 7)
N7
(C5)
N8
(C6)
N9
(C7)
N4
(C4)
N5
(C1)
N6
(C3)
N1
(C1)
N2
(C2)
N3
(C3)
amazed.suprised
happy.pleased
relaxing.calm
quiet.still
sad.lonely
angry.aggresive

	neuron	Y.amazed.suprised	Y.happy.pleased	Y.relaxing.calm	Y.quiet.still	Y.sad.lonely	Y.angry.aggresive
1	1	0	0	48	20	0	0
2	2	7	60	60	4	0	0
3	3	25	43	0	1	1	0
4	4	0	0	45	45	45	0
5	5	0	0	18	0	18	2
6	6	21	0	1	0	4	0
7	7	0	0	0	29	34	1
8	8	0	3	2	0	8	61
9	9	62	5	0	0	3	62


Cluster Dendrogram
Height
2.0
1.5
1.0
0.5
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	0	0	66	20	18	2
2	2	7	60	60	4	0	0
3	3	46	43	1	1	5	0
4	4	0	0	45	45	45	0
5	5	0	0	0	29	34	1
6	6	0	3	2	0	8	61
7	7	62	5	0	0	3	62

	cluster	combinacao	frequencia
3	1	001011	2
2	1	001010	16
4	1	001100	20
1	1	001000	28

	cluster	combinacao	frequencia
2	2	011100	4
3	2	111000	7
1	2	011000	49

	cluster	combinacao	frequencia
2	3	010010	1
3	3	010100	1
6	3	101000	1
5	3	100010	4
1	3	010000	16
4	3	100000	16
7	3	110000	25

	cluster	combinacao	frequencia
1	4	001110	45

	cluster	combinacao	frequencia
4	5	000111	1
2	5	000100	3
1	5	000010	8
3	5	000110	25

	cluster	combinacao	frequencia
3	6	001001	2
4	6	010001	3
2	6	000011	8
1	6	000001	48

	cluster	combinacao	frequencia
2	7	100011	3
3	7	110001	5
1	7	100001	54