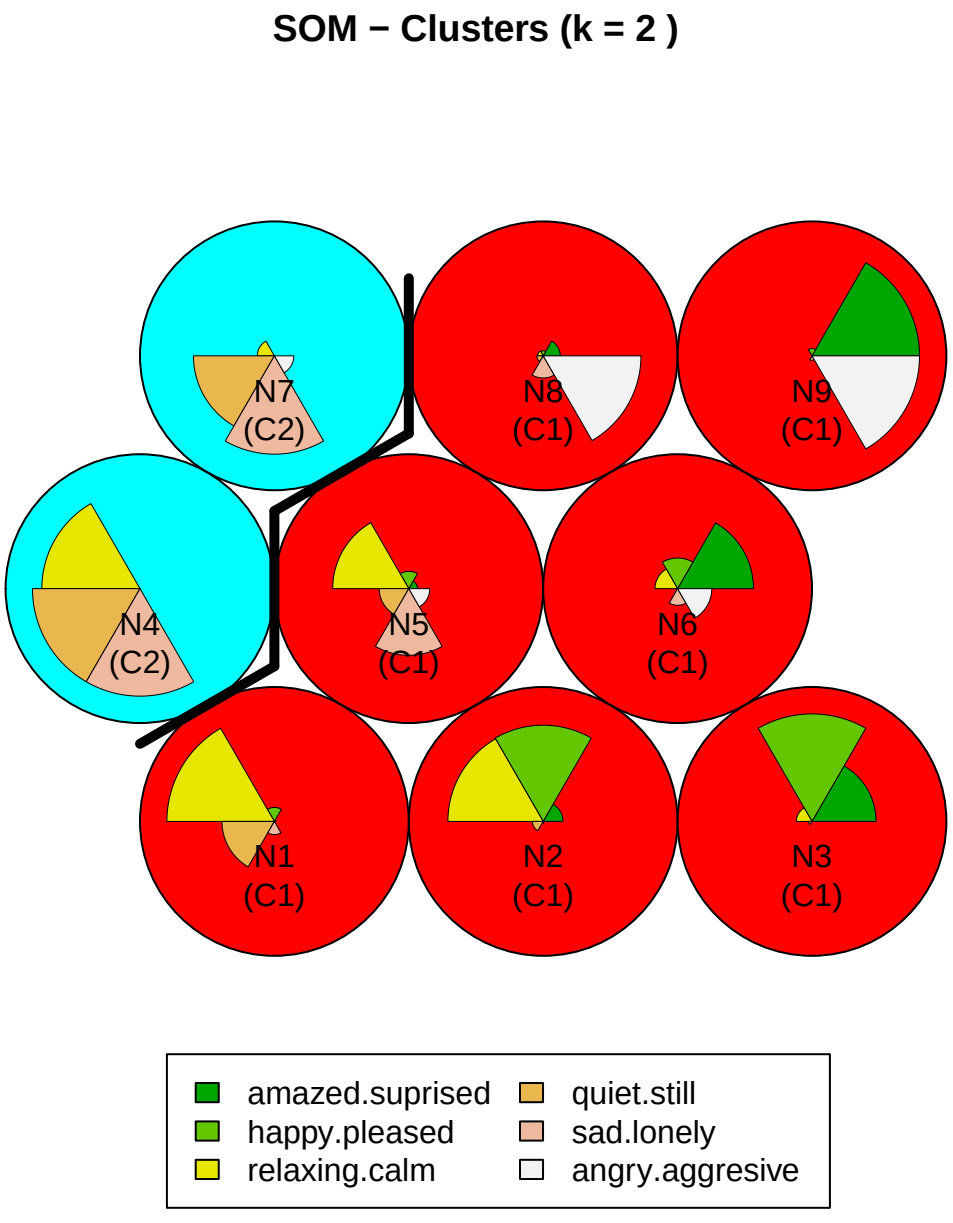
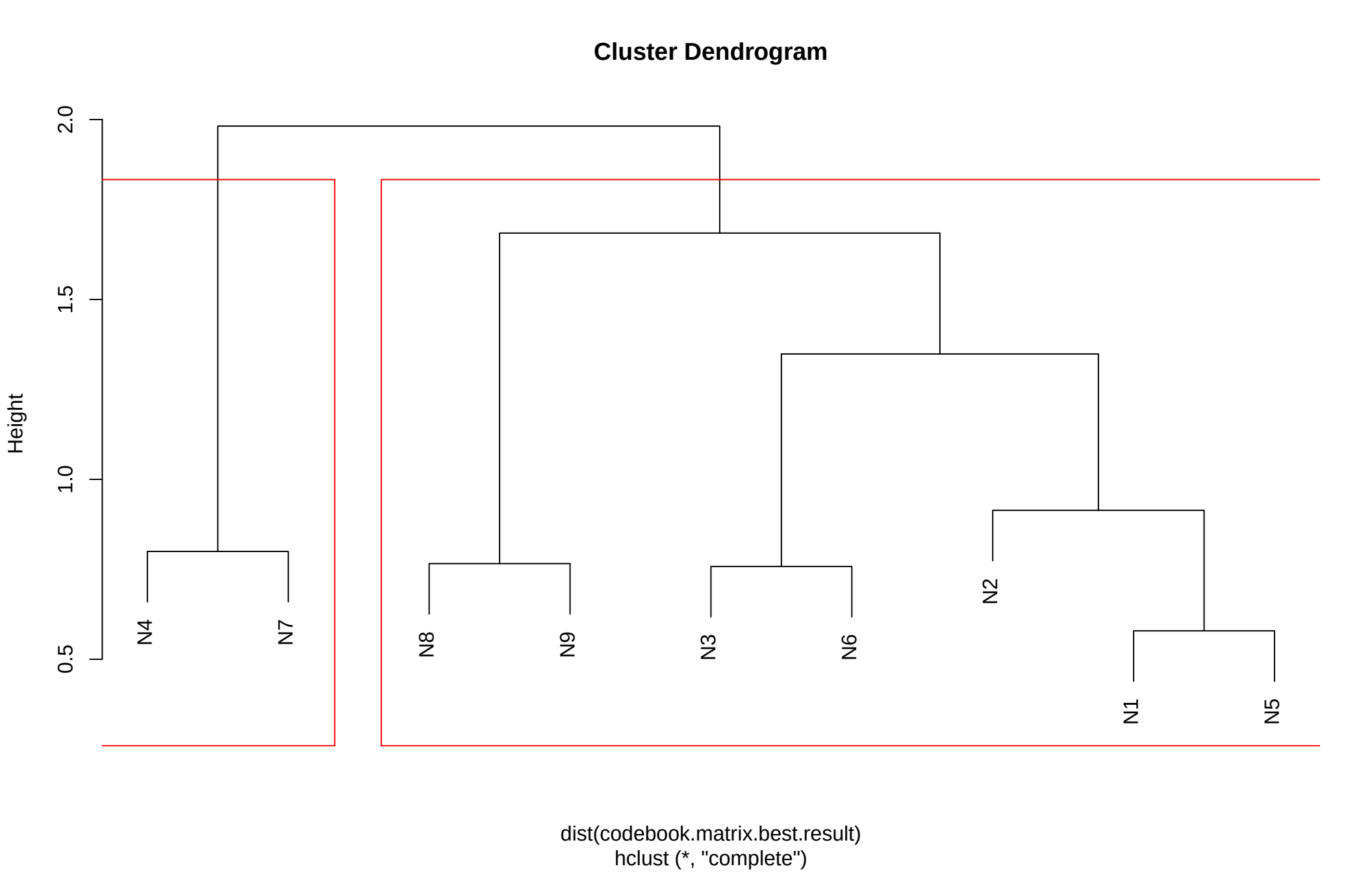

SOM − Clusters (k = 2 )
N7
(C2)
N8
(C1)
N9
(C1)
N4
(C2)
N5
(C1)
N6
(C1)
N1
(C1)
N2
(C1)
N3
(C1)
amazed.suprised
happy.pleased
relaxing.calm
quiet.still
sad.lonely
angry.aggresive

| | 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 | 115 | 111 | 129 | 25 | 34 | 125 |
| *2* | 2 | 0 | 0 | 45 | 74 | 79 | 1 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *10* | 1 | 010010 | 1 |
| *11* | 1 | 010100 | 1 |
| *18* | 1 | 101000 | 1 |
| *4* | 1 | 001001 | 2 |
| *6* | 1 | 001011 | 2 |
| *9* | 1 | 010001 | 3 |
| *17* | 1 | 100011 | 3 |
| *13* | 1 | 011100 | 4 |
| *16* | 1 | 100010 | 4 |
| *20* | 1 | 110001 | 5 |
| *21* | 1 | 111000 | 7 |
| *2* | 1 | 000011 | 8 |
| *5* | 1 | 001010 | 16 |
| *8* | 1 | 010000 | 16 |
| *14* | 1 | 100000 | 16 |
| *7* | 1 | 001100 | 20 |
| *19* | 1 | 110000 | 25 |
| *3* | 1 | 001000 | 28 |
| *1* | 1 | 000001 | 48 |
| *12* | 1 | 011000 | 49 |
| *15* | 1 | 100001 | 54 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *4* | 2 | 000111 | 1 |
| *2* | 2 | 000100 | 3 |
| *1* | 2 | 000010 | 8 |
| *3* | 2 | 000110 | 25 |
| *5* | 2 | 001110 | 45 |