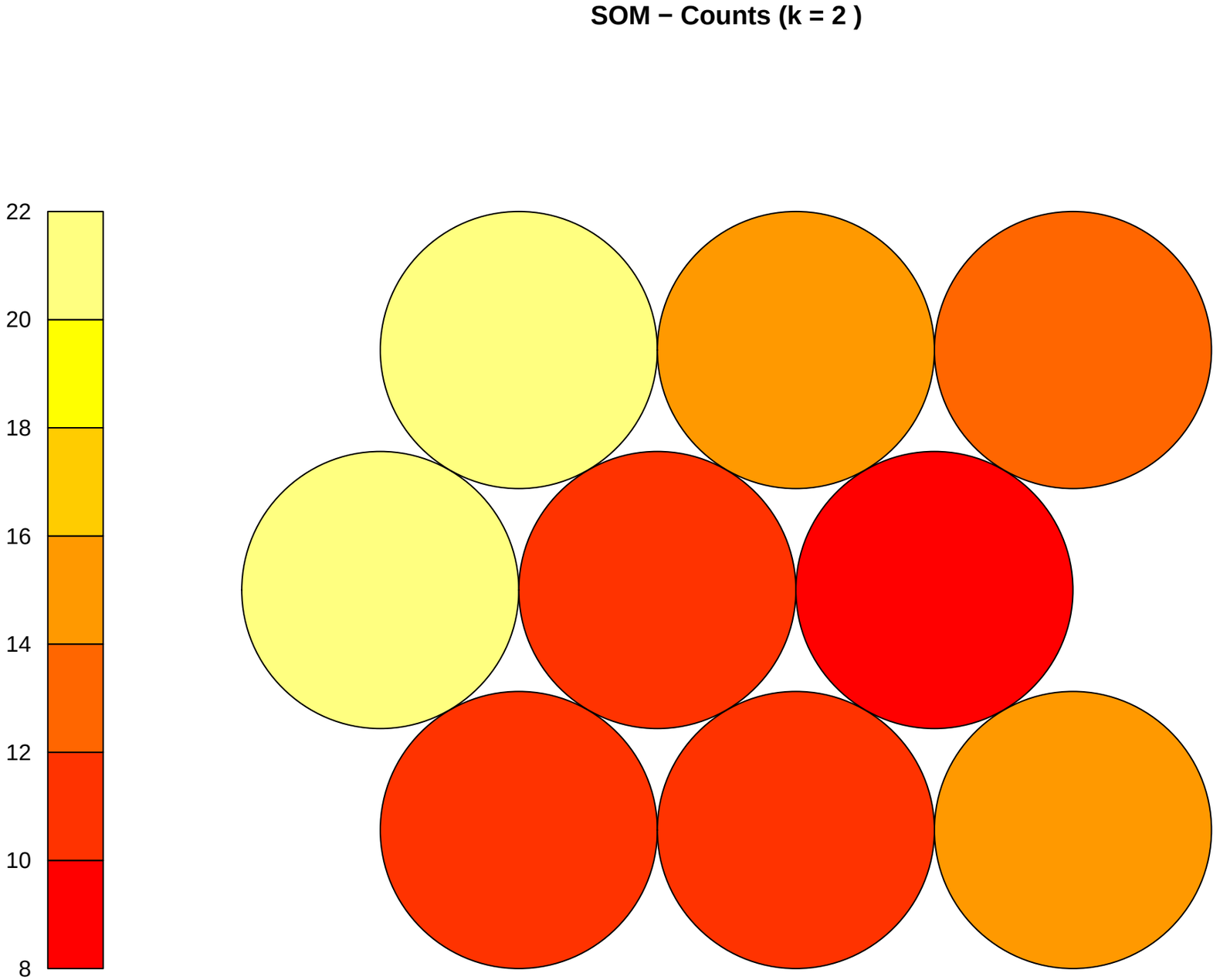
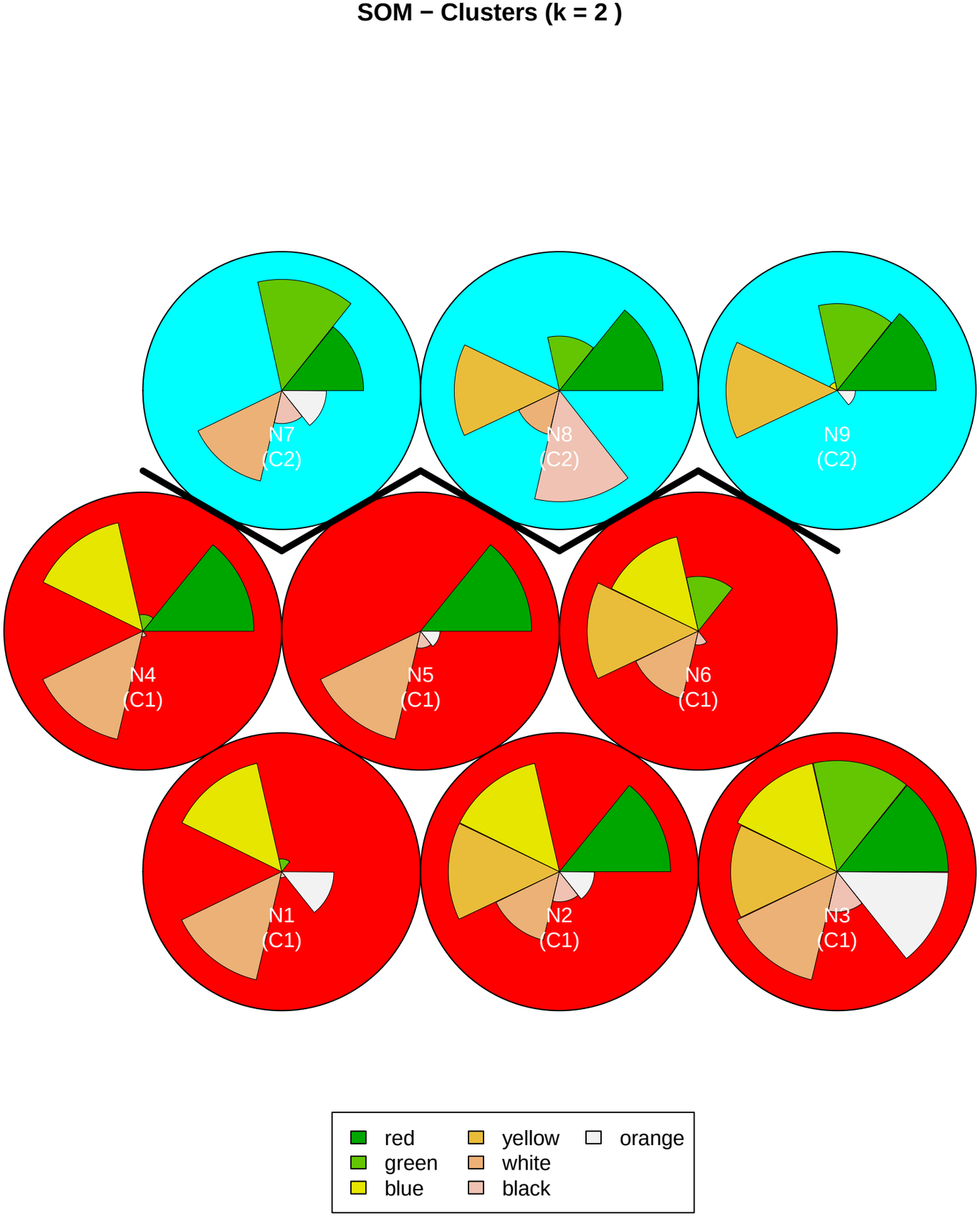
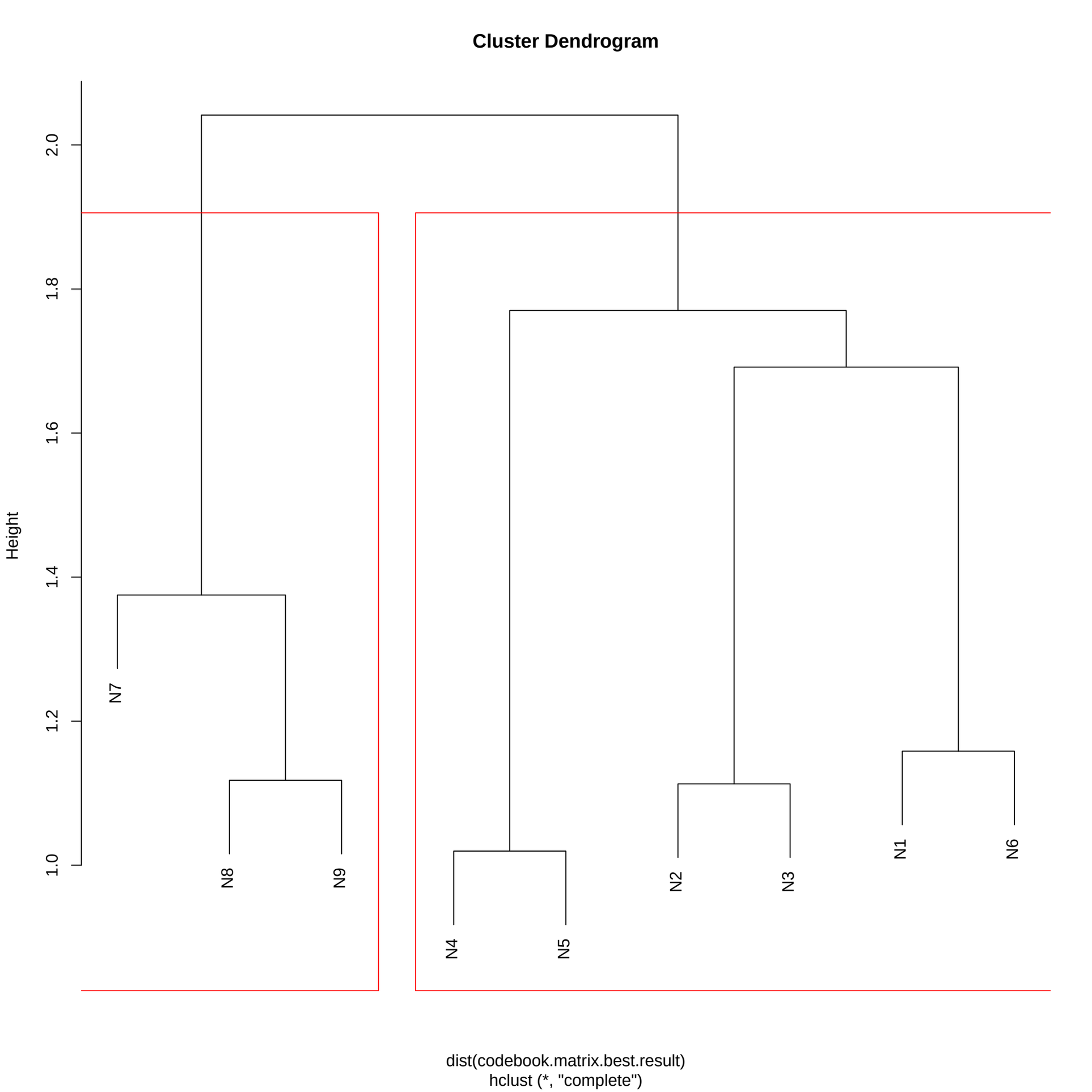

SOM − Counts (k = 2 )
22
20
18
16
14
12
10
8


SOM − Clusters (k = 2 )
N7
(C2)
N8
(C2)
N9
(C2)
N4
(C1)
N5
(C1)
N6
(C1)
N1
(C1)
N2
(C1)
N3
(C1)
red
green
blue
yellow
white
black
orange

| | neuron | Y.red | Y.green | Y.blue | Y.yellow | Y.white | Y.black | Y.orange |
|---|---|---|---|---|---|---|---|---|
| *1* | 1 | 0 | 1 | 11 | 0 | 11 | 1 | 2 |
| *2* | 2 | 12 | 0 | 12 | 12 | 8 | 3 | 2 |
| *3* | 3 | 15 | 15 | 15 | 14 | 15 | 5 | 8 |
| *4* | 4 | 22 | 3 | 22 | 0 | 22 | 1 | 0 |
| *5* | 5 | 12 | 0 | 0 | 0 | 12 | 2 | 1 |
| *6* | 6 | 0 | 4 | 7 | 8 | 5 | 1 | 0 |
| *7* | 7 | 16 | 21 | 0 | 0 | 17 | 6 | 4 |
| *8* | 8 | 14 | 7 | 0 | 14 | 7 | 15 | 0 |
| *9* | 9 | 12 | 10 | 1 | 13 | 1 | 0 | 1 |

Grid: bubble_hexagonal | rlen: 1500 | radius: 5 | alpha1: 0.5 | alpha2: 0.001 | QE Teste: 0.489170213158362


Cluster Dendrogram
Height
2.0
1.8
1.6
1.4
1.2
1.0
N7
N8
N9
N4
N5
N2
N3
N1
N6
dist(codebook.matrix.best.result)
hclust (*, "complete")

| | cluster | Y.red | Y.green | Y.blue | Y.yellow | Y.white | Y.black | Y.orange |
|---|---|---|---|---|---|---|---|---|
| *1* | 1 | 61 | 23 | 67 | 34 | 73 | 13 | 13 |
| *2* | 2 | 42 | 38 | 1 | 27 | 25 | 21 | 5 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *2* | 1 | 0010101 | 1 |
| *3* | 1 | 0010110 | 1 |
| *4* | 1 | 0011000 | 1 |
| *5* | 1 | 0011010 | 1 |
| *7* | 1 | 0101100 | 1 |
| *8* | 1 | 0110101 | 1 |
| *9* | 1 | 0111000 | 1 |
| *12* | 1 | 1000110 | 1 |
| *13* | 1 | 1000111 | 1 |
| *15* | 1 | 1010110 | 1 |
| *18* | 1 | 1011101 | 1 |
| *20* | 1 | 1011111 | 1 |
| *22* | 1 | 1110101 | 1 |
| *6* | 1 | 0011100 | 2 |
| *10* | 1 | 0111100 | 2 |
| *19* | 1 | 1011110 | 2 |
| *26* | 1 | 1111111 | 2 |
| *21* | 1 | 1110100 | 3 |
| *25* | 1 | 1111110 | 3 |
| *16* | 1 | 1011000 | 4 |
| *17* | 1 | 1011100 | 4 |
| *23* | 1 | 1111100 | 4 |
| *24* | 1 | 1111101 | 5 |
| *1* | 1 | 0010100 | 8 |
| *11* | 1 | 1000100 | 10 |
| *14* | 1 | 1010100 | 18 |

| | cluster | combinacao | frequencia |
|---|---|---|---|
| *1* | 2 | 0100000 | 1 |
| *4* | 2 | 0101000 | 1 |
| *5* | 2 | 0101010 | 1 |
| *6* | 2 | 1000010 | 1 |
| *11* | 2 | 1100011 | 1 |
| *13* | 2 | 1100101 | 1 |
| *16* | 2 | 1101001 | 1 |
| *18* | 2 | 1101100 | 1 |
| *20* | 2 | 1111000 | 1 |
| *2* | 2 | 0100100 | 2 |
| *3* | 2 | 0100101 | 2 |
| *10* | 2 | 1100000 | 2 |
| *7* | 2 | 1001000 | 3 |
| *8* | 2 | 1001010 | 3 |
| *17* | 2 | 1101010 | 3 |
| *19* | 2 | 1101110 | 3 |
| *9* | 2 | 1001110 | 4 |
| *14* | 2 | 1100110 | 5 |
| *15* | 2 | 1101000 | 6 |
| *12* | 2 | 1100100 | 7 |