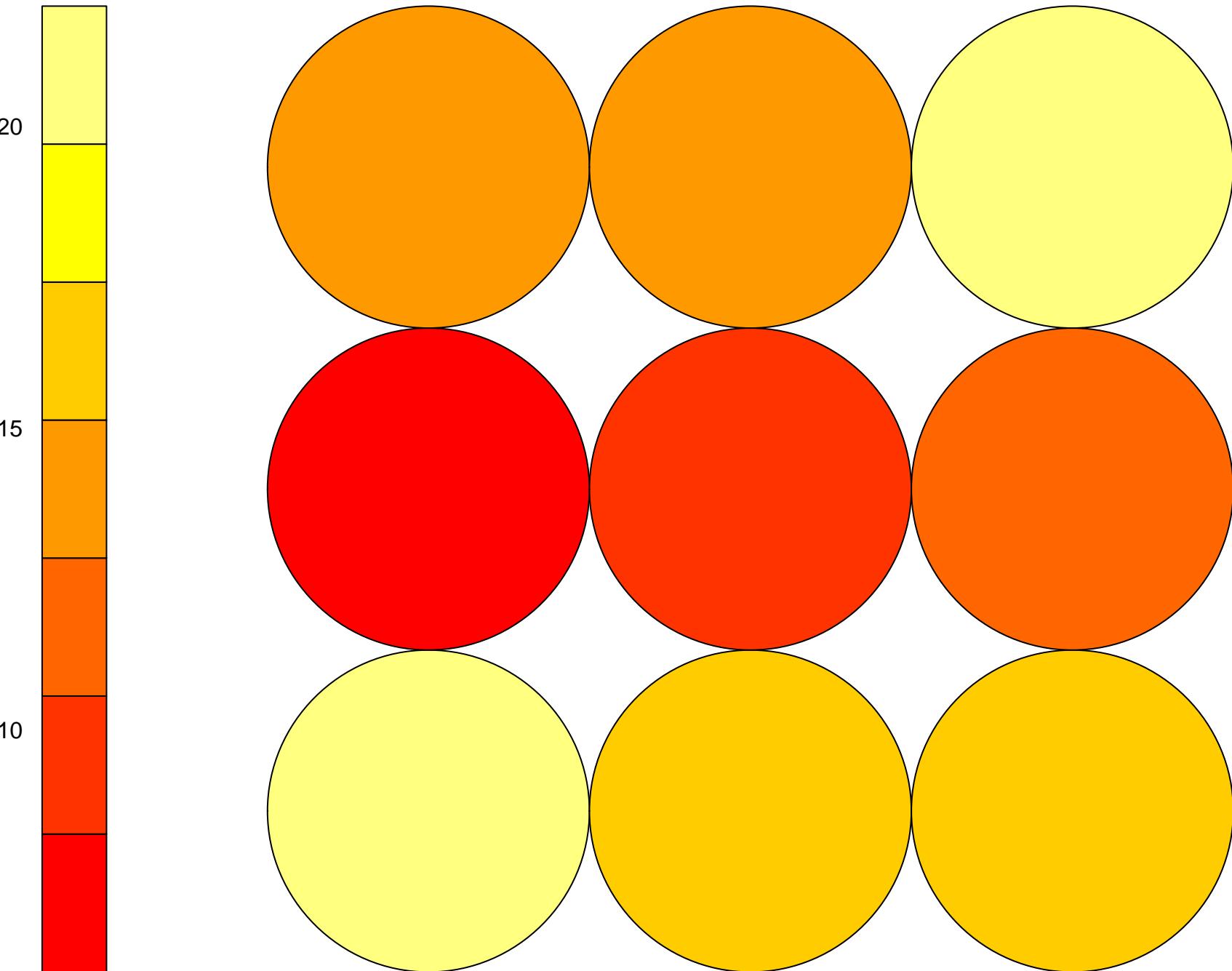
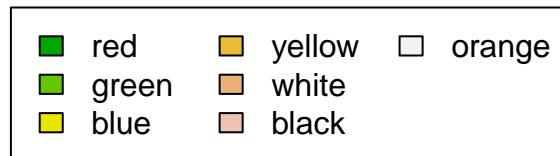
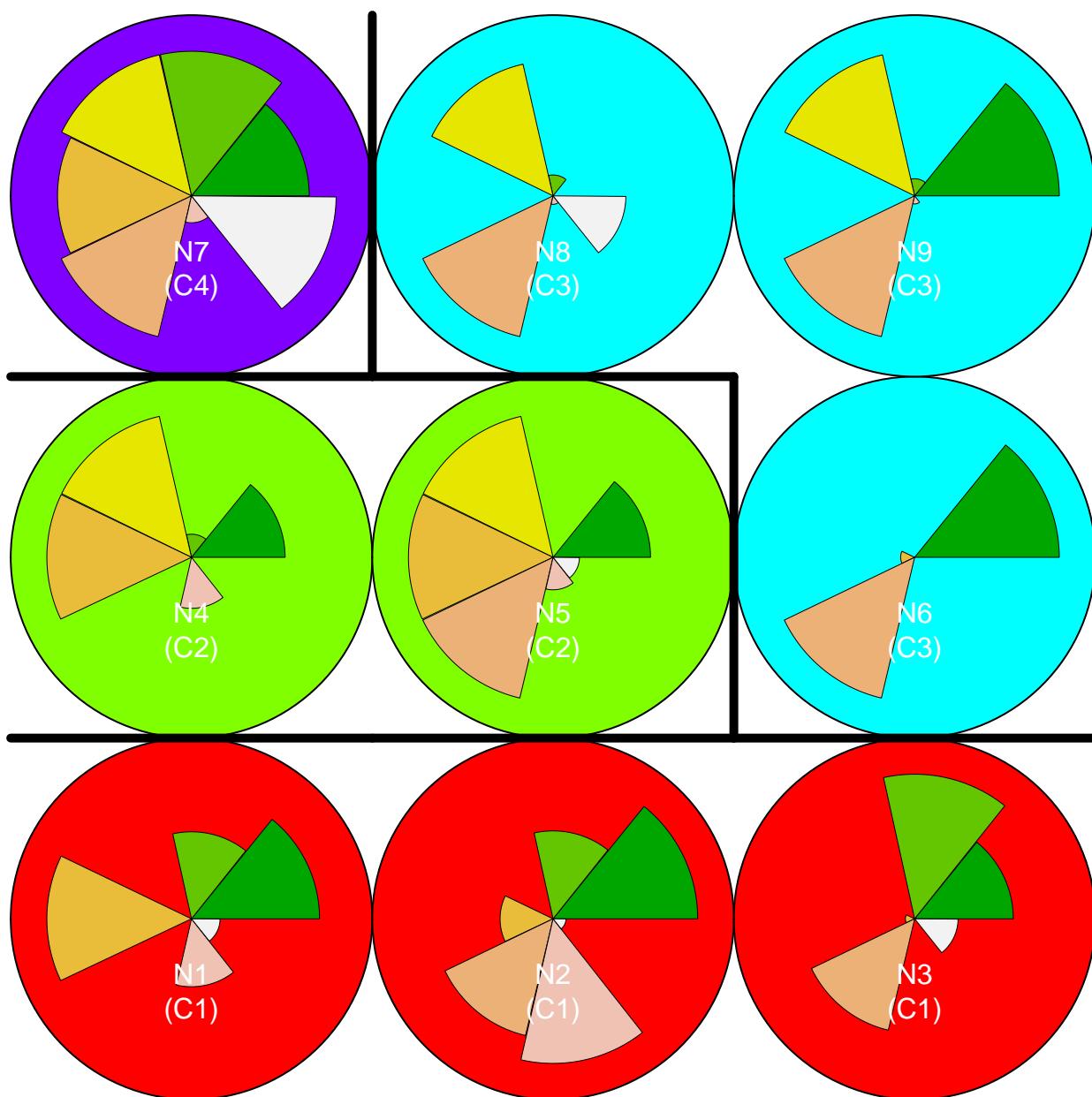


SOM – Counts (k = 4 )



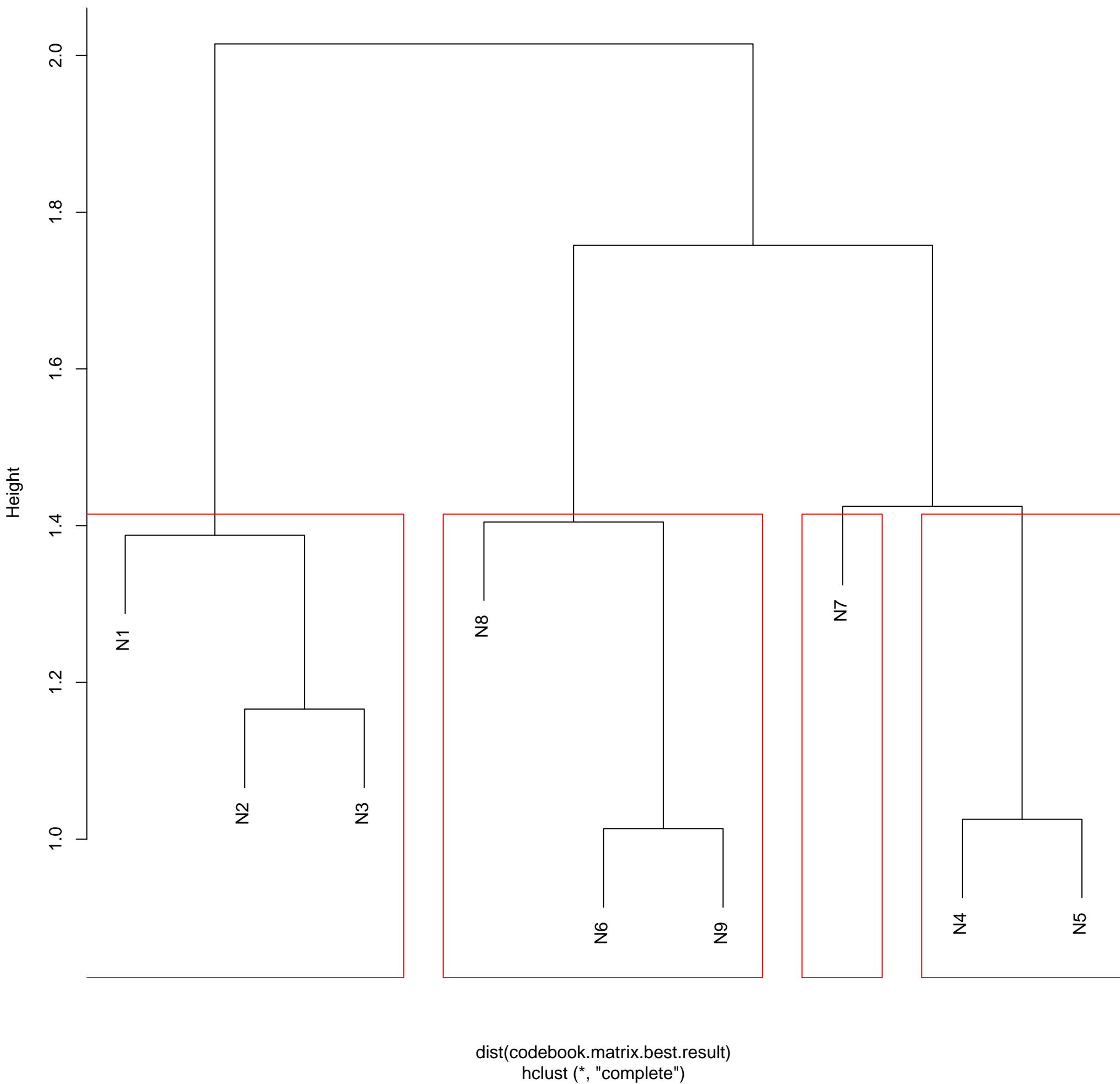
### SOM – Clusters (k = 4 )



<b>neuron</b>		<b>Y.red</b>	<b>Y.green</b>	<b>Y.blue</b>	<b>Y.yellow</b>	<b>Y.white</b>	<b>Y.black</b>	<b>Y.orange</b>
1	1	18	13	0	20	0	9	2
2	2	17	11	0	6	14	17	1
3	3	12	17	0	1	14	0	3
4	4	4	1	6	6	0	2	0
5	5	6	0	9	9	9	2	1
6	6	11	0	0	1	11	0	0
7	7	12	14	14	13	14	3	7
8	8	0	2	13	0	14	1	4
9	9	22	3	22	0	22	1	0

Grid: bubble\_rectangular | rlen: 1000 | radius: 3 | alpha1: 0.1 | alpha2: 0.005 | QE Teste: 0.489448111362705

### Cluster Dendrogram



<b>cluster</b>	<b>Y.red</b>	<b>Y.green</b>	<b>Y.blue</b>	<b>Y.yellow</b>	<b>Y.white</b>	<b>Y.black</b>	<b>Y.orange</b>
1 1	47	41	0	27	28	26	6
2 2	10	1	15	15	9	4	1
3 3	33	5	35	1	47	2	4
4 4	12	14	14	13	14	3	7

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	1	0100000	1
3	1	0100101	1
4	1	0101001	1
5	1	0101010	1
6	1	1000010	1
12	1	1100010	1
13	1	1100011	1
19	1	1101011	1
20	1	1101100	1
7	1	1000110	2
11	1	1100000	2
15	1	1100101	2
2	1	0100100	3
9	1	1001010	3
10	1	1001110	3
21	1	1101110	3
8	1	1001000	4
18	1	1101010	4
16	1	1100110	6
17	1	1101000	6
14	1	1100100	7

<b>cluster</b>		<b>combinacao</b>	<b>frequencia</b>
1	2	0011010	1
3	2	0011110	1
4	2	0111010	1
7	2	1011101	1
8	2	1011110	1
2	2	0011100	2
5	2	1011000	4
6	2	1011100	4

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	3	0000101	1
4	3	0010110	1
5	3	0110100	1
6	3	0110101	1
8	3	1001100	1
10	3	1010110	1
3	3	0010101	2
11	3	1110100	3
2	3	0010100	8
7	3	1000100	10
9	3	1010100	18

<b>cluster</b>		<b>combinacao</b>	<b>frequencia</b>
2	4	1110101	1
6	4	1111111	1
1	4	0111100	2
5	4	1111110	2
3	4	1111100	3
4	4	1111101	5