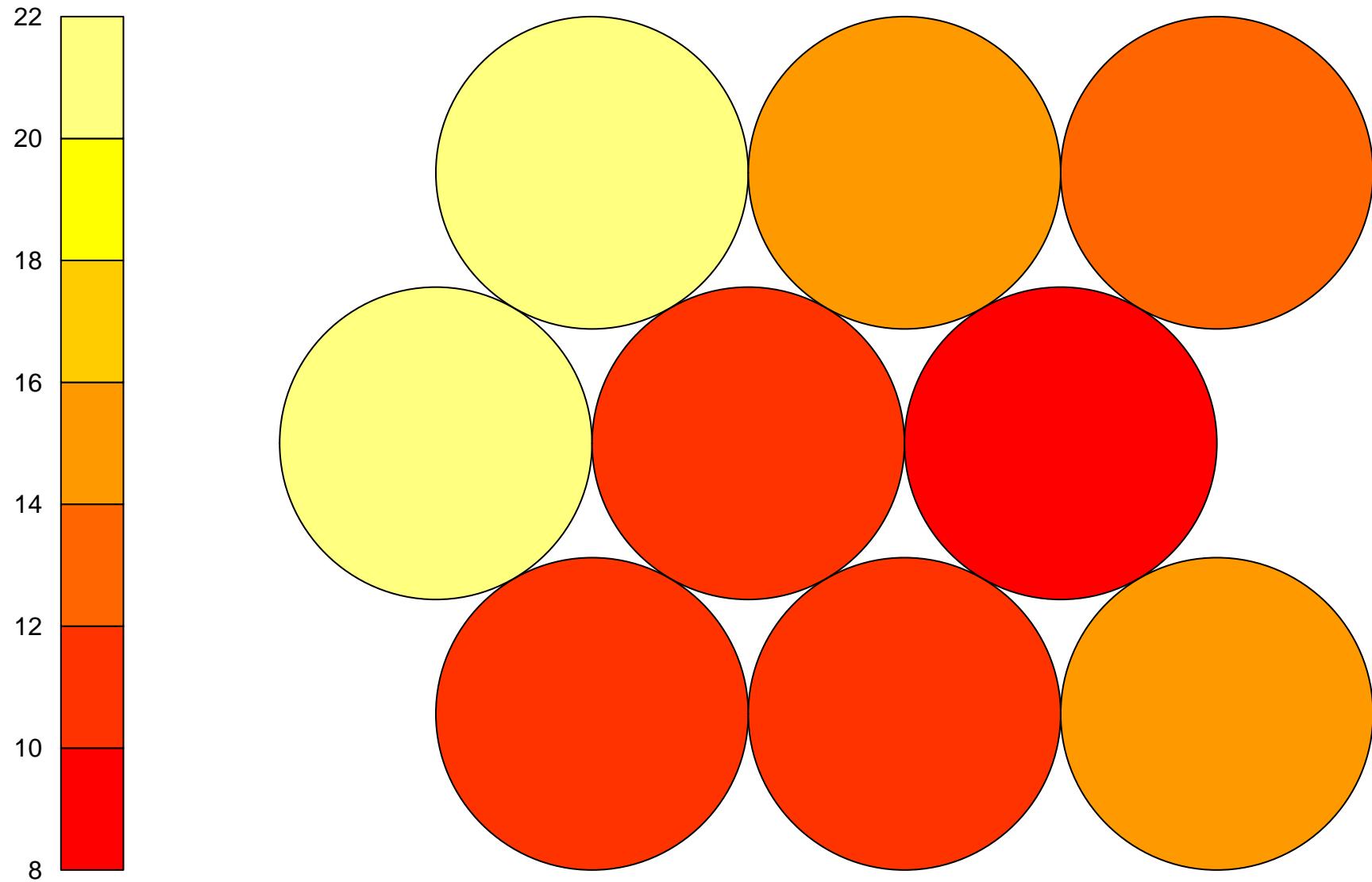
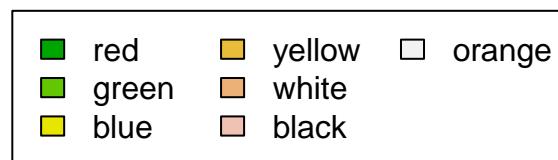
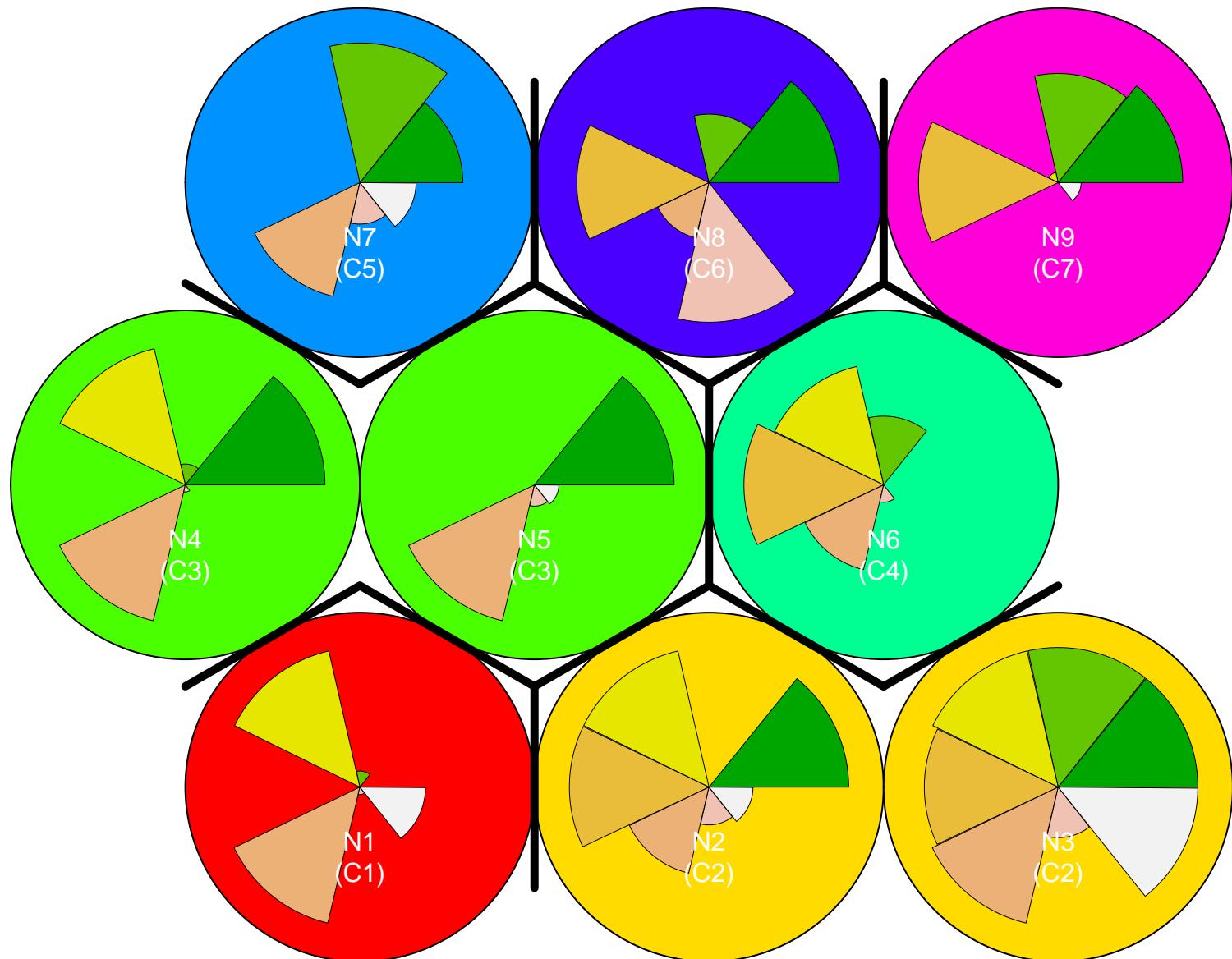


**SOM – Counts (k = 7 )**



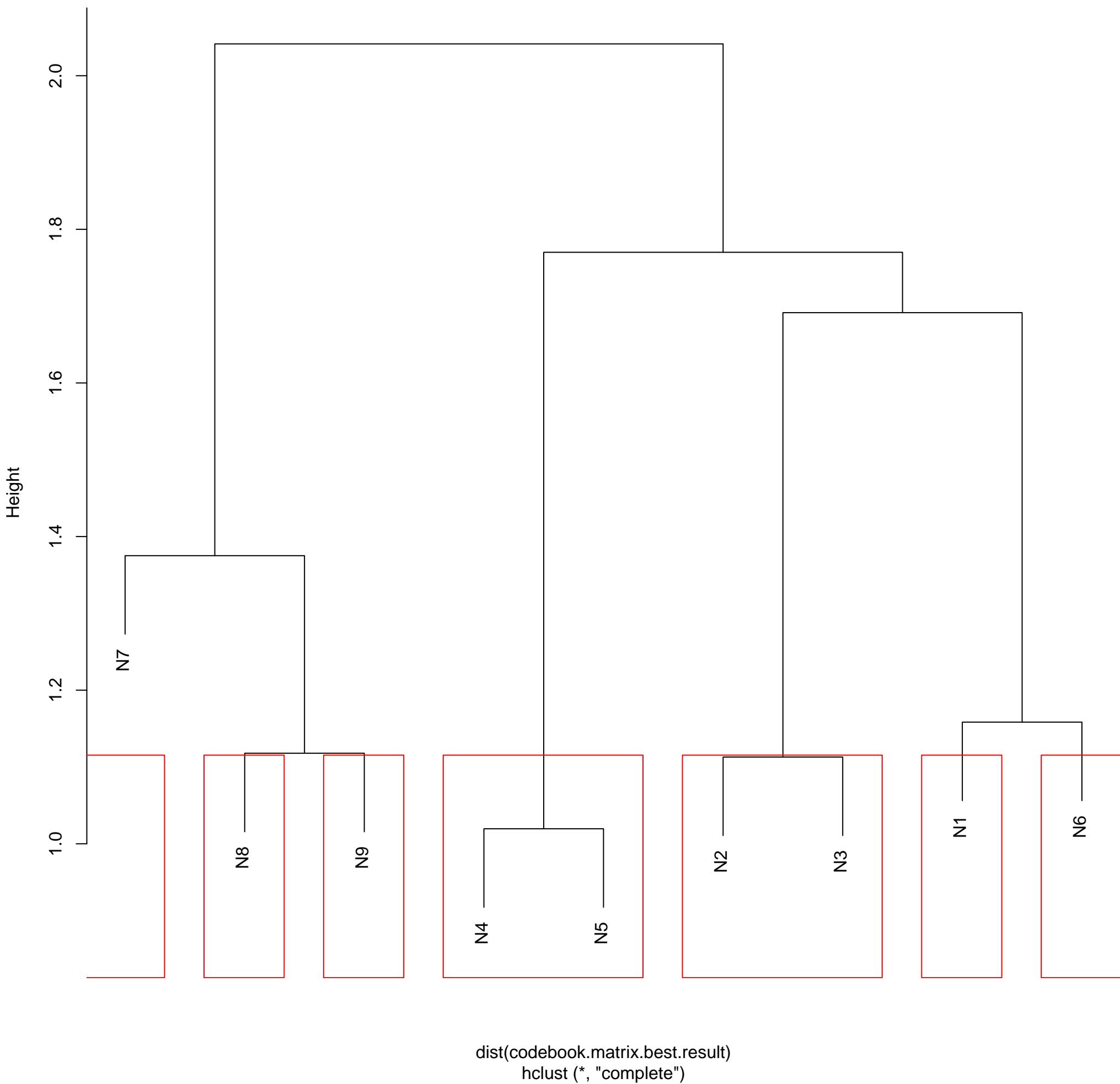
# SOM – Clusters (k = 7 )



<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	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



<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	0	1	11	0	11	1	2
2 2	27	15	27	26	23	8	10
3 3	34	3	22	0	34	3	1
4 4	0	4	7	8	5	1	0
5 5	16	21	0	0	17	6	4
6 6	14	7	0	14	7	15	0
7 7	12	10	1	13	1	0	1

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>	
2	1	0010101	1
3	1	0010110	1
4	1	0110101	1
1	1	0010100	8

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
3	2	1011101	1
5	2	1011111	1
6	2	1110101	1
4	2	1011110	2
10	2	1111111	2
9	2	1111110	3
1	2	1011000	4
2	2	1011100	4
7	2	1111100	4
8	2	1111101	5

<b>cluster</b>		<b>combinacao</b>	<b>frequencia</b>
2	3	1000110	1
3	3	1000111	1
5	3	1010110	1
6	3	1110100	3
1	3	1000100	10
4	3	1010100	18

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	4	0011000	1
2	4	0011010	1
4	4	0101100	1
5	4	0111000	1
3	4	0011100	2
6	4	0111100	2

<b>cluster</b>		<b>combinacao</b>	<b>frequencia</b>
1	5	0100000	1
5	5	1100011	1
7	5	1100101	1
2	5	0100100	2
3	5	0100101	2
4	5	1100000	2
8	5	1100110	5
6	5	1100100	7

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	6	0101010	1
2	6	1000010	1
3	6	1001010	3
5	6	1101010	3
6	6	1101110	3
4	6	1001110	4

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	7	0101000	1
4	7	1101001	1
5	7	1101100	1
6	7	1111000	1
2	7	1001000	3
3	7	1101000	6