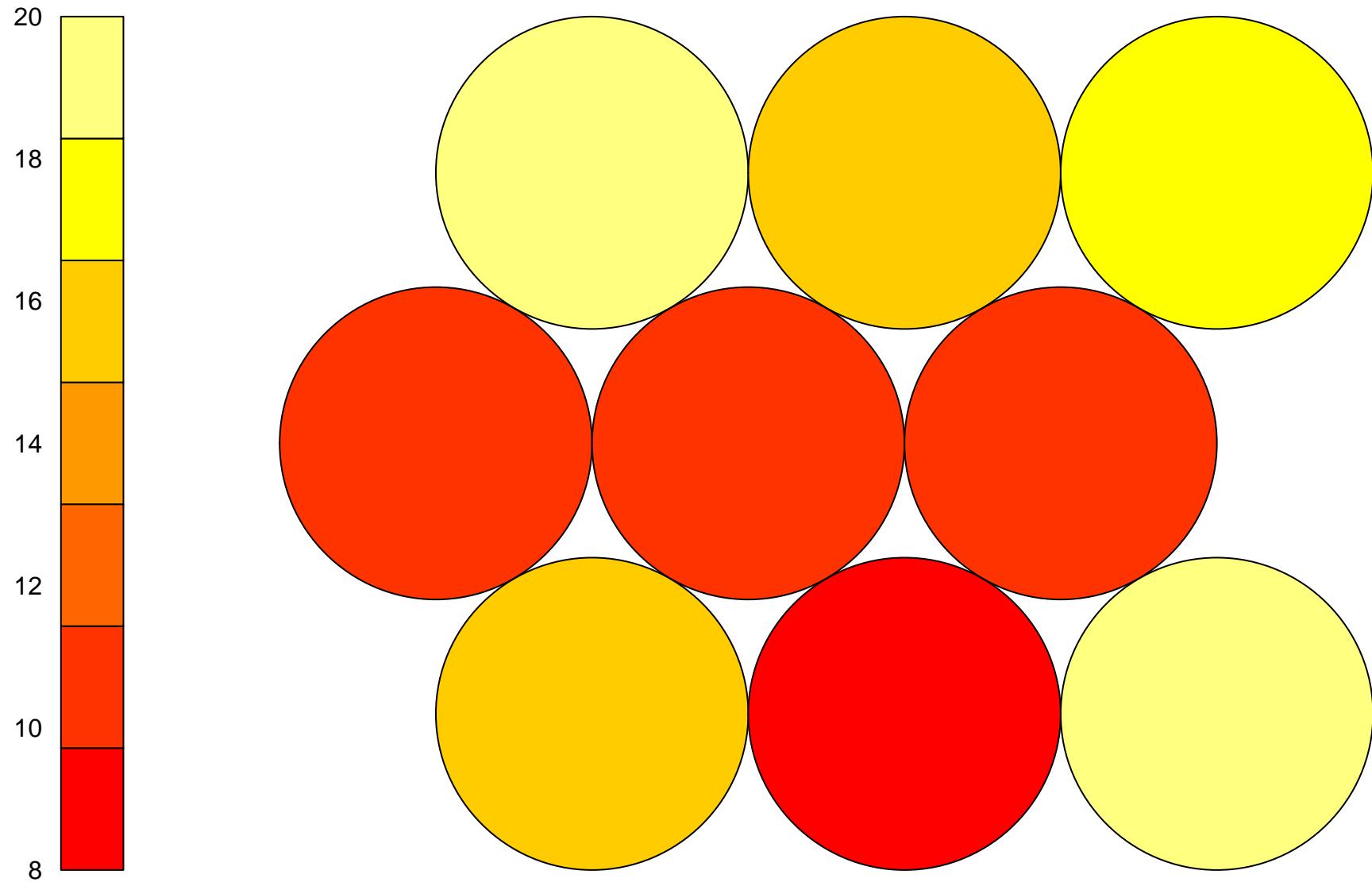
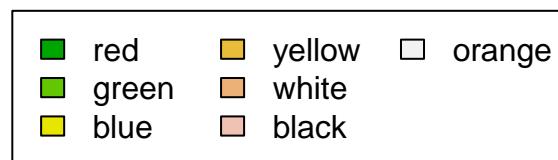
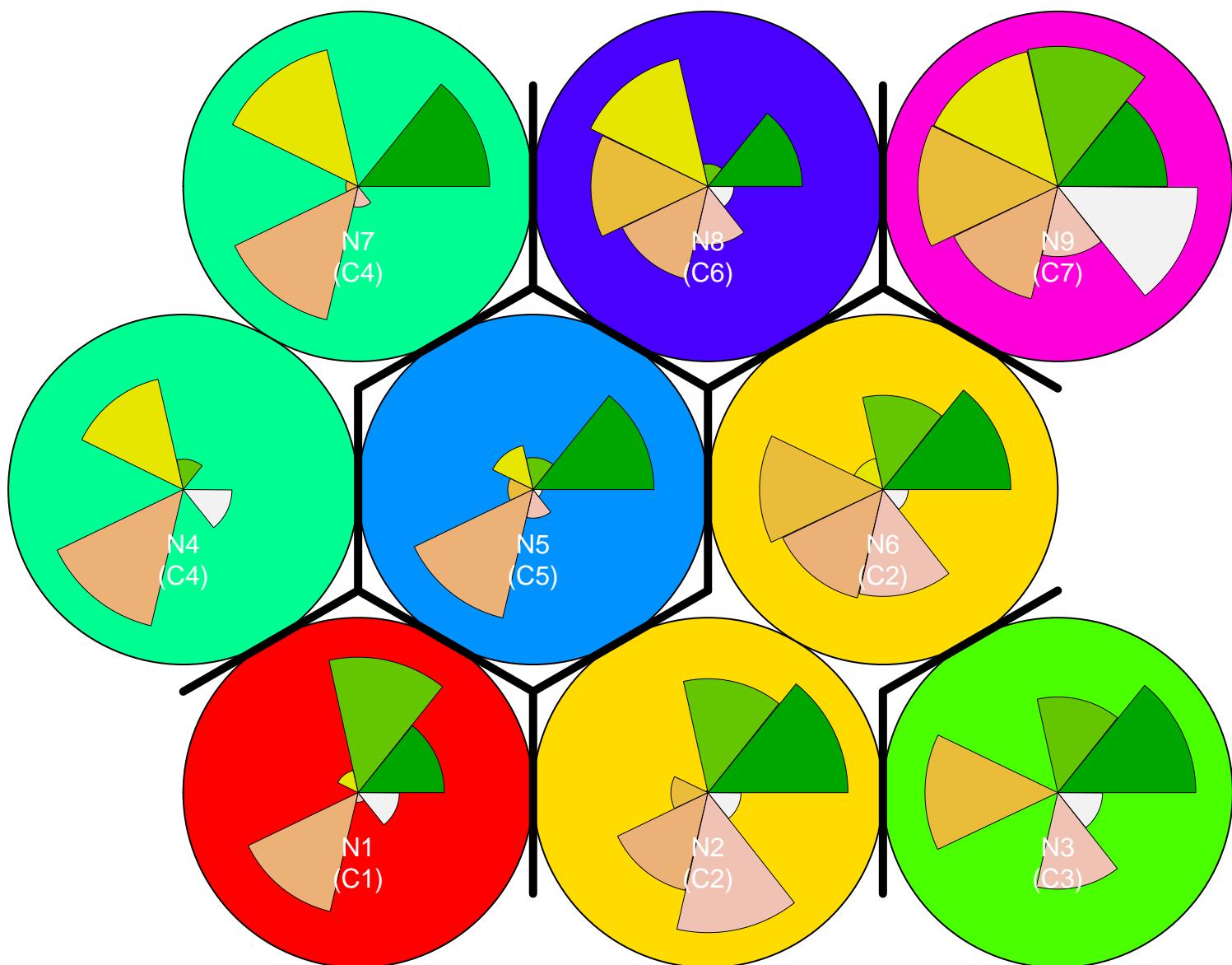


**SOM – Counts (k = 7 )**



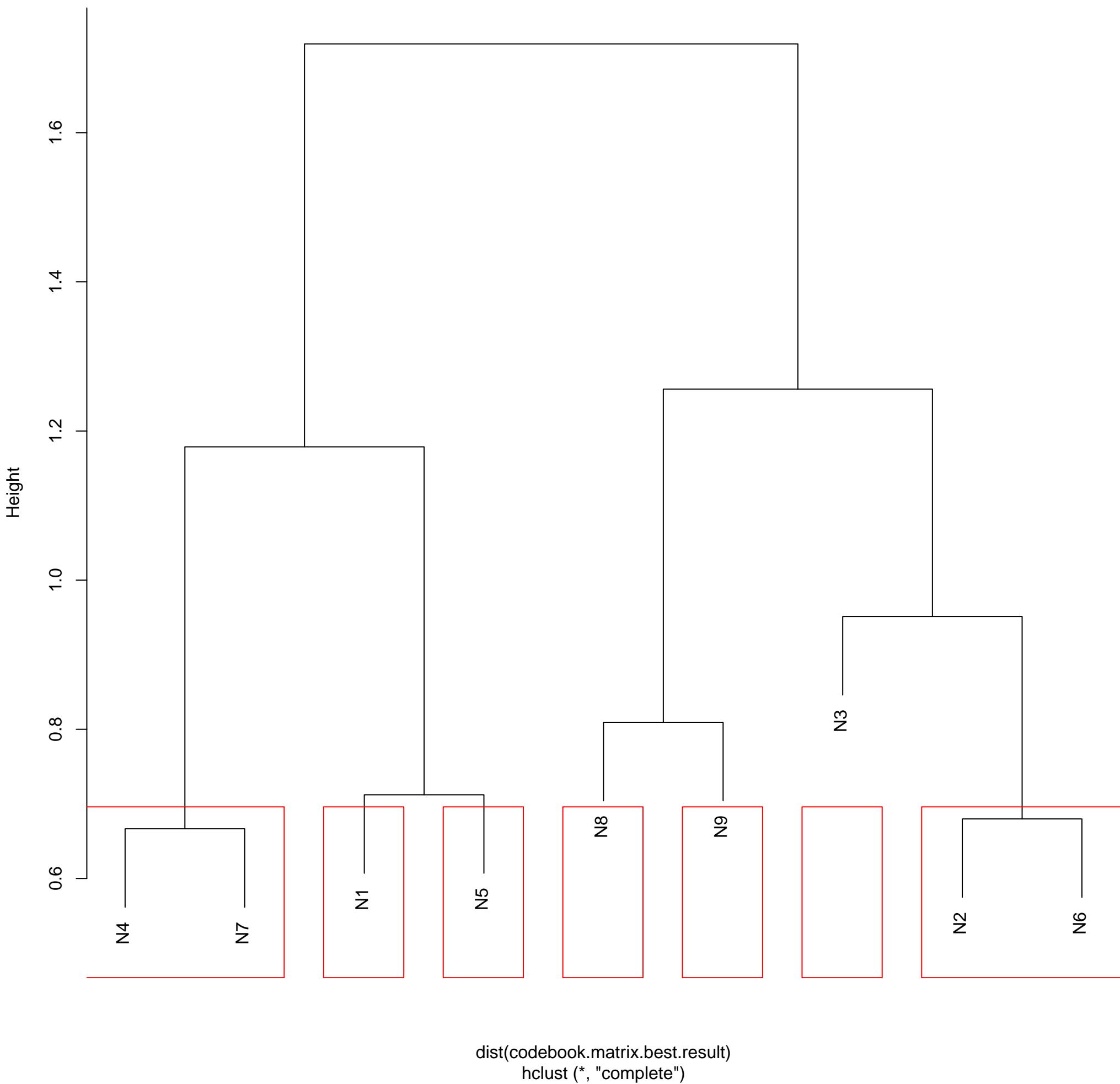
# SOM – Clusters (k = 7 )



<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	11	15	2	0	13	0	2
2 2	8	6	0	0	7	8	1
3 3	18	13	0	20	0	8	3
4 4	0	1	10	0	11	0	2
5 5	10	0	0	0	10	0	0
6 6	10	7	0	11	11	7	0
7 7	20	0	20	0	20	2	0
8 8	10	0	16	16	9	5	1
9 9	14	18	18	18	15	5	7

Grid: gaussian\_hexagonal | rlen: 1500 | radius: 7 | alpha1: 0.5 | alpha2: 0.005 | QE Teste: 0.559364052617391

### 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	11	15	2	0	13	0	2
2	2	18	13	0	11	18	15	1
3	3	18	13	0	20	0	8	3
4	4	20	1	30	0	31	2	2
5	5	10	0	0	0	10	0	0
6	6	10	0	16	16	9	5	1
7	7	14	18	18	18	15	5	7

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
2	1	0100101	1
5	1	1100101	1
3	1	1100000	2
6	1	1110100	2
1	1	0100100	3
4	1	1100100	6

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	2	0101100	1
2	2	1000110	1
3	2	1000111	1
4	2	1001100	1
6	2	1100010	1
8	2	1101100	2
5	2	1001110	3
9	2	1101110	4
7	2	1100110	5

<b>cluster</b>		<b>combinacao</b>	<b>frequencia</b>
1	3	0101000	1
2	3	0101001	1
6	3	1101001	1
8	3	1101011	1
3	3	1001000	3
7	3	1101010	3
4	3	1001010	4
5	3	1101000	6

	<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	4	0000101	1
3	4	0010101	1
4	4	0110100	1
6	4	1010110	2
2	4	0010100	8
5	4	1010100	18

<b>cluster</b>	<b>combinacao</b>	<b>frequencia</b>
1	5	1000100

<b>cluster</b>		<b>combinacao</b>	<b>frequencia</b>
1	6	0011000	1
4	6	0011110	1
7	6	1011110	1
8	6	1011111	1
2	6	0011010	2
3	6	0011100	2
5	6	1011000	4
6	6	1011100	4

<b>cluster</b>		<b>combinacao</b>	<b>frequencia</b>
1	7	0111000	1
2	7	0111010	1
4	7	1111000	1
8	7	1111111	1
3	7	0111100	2
5	7	1111100	3
7	7	1111110	3
6	7	1111101	6