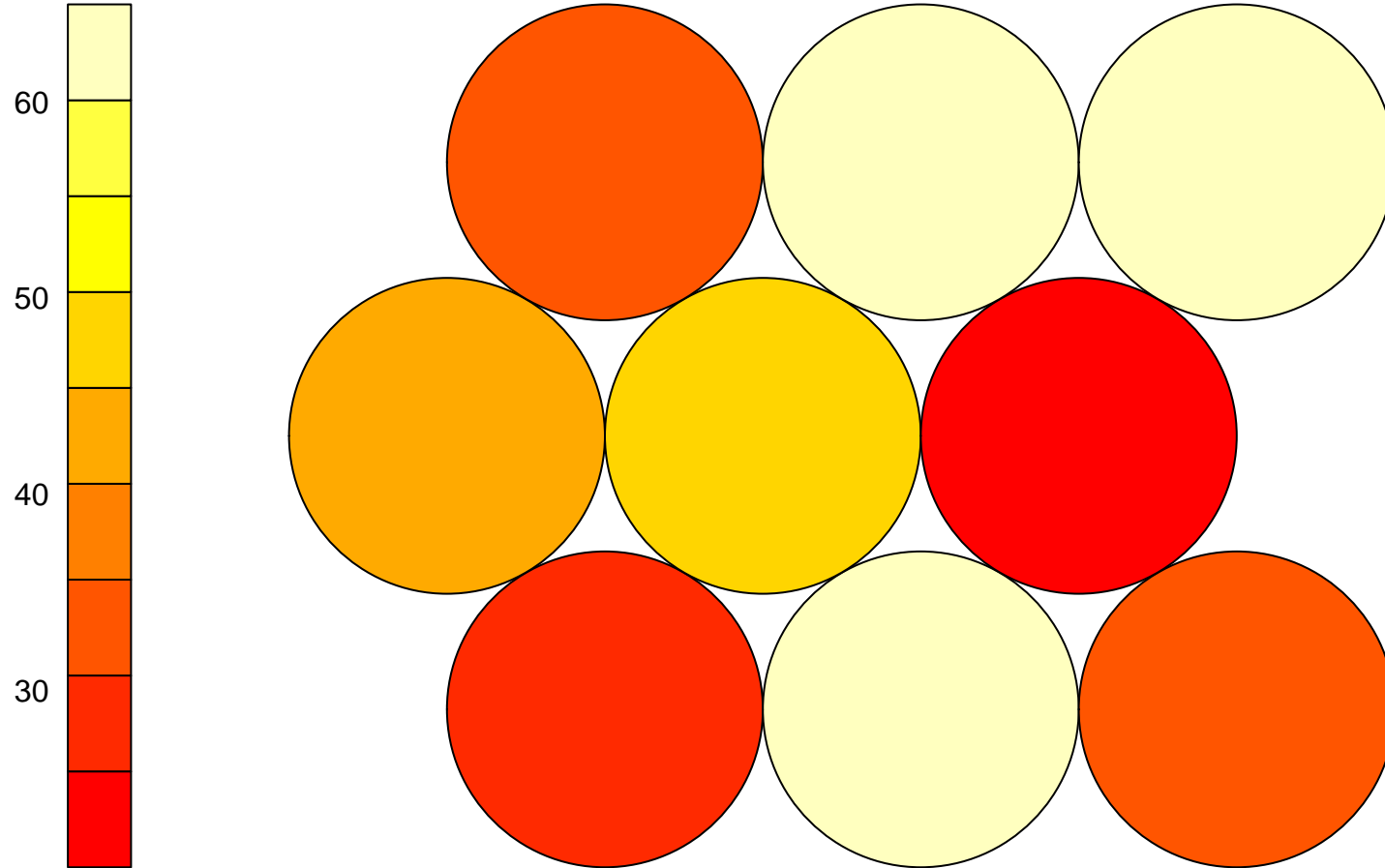
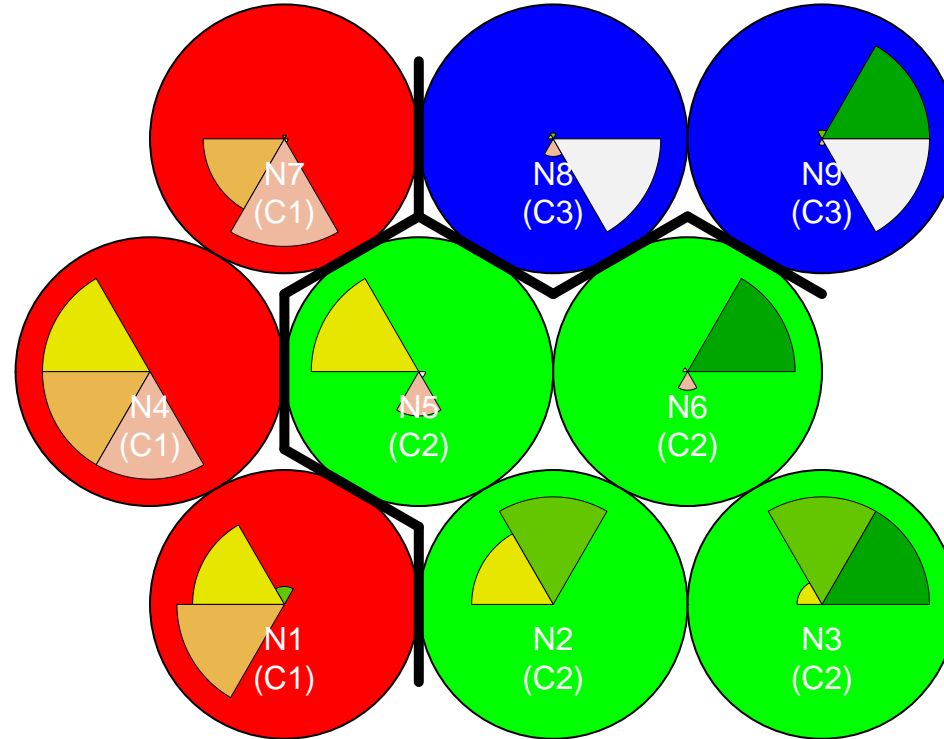


**SOM – Counts (k = 3 )**



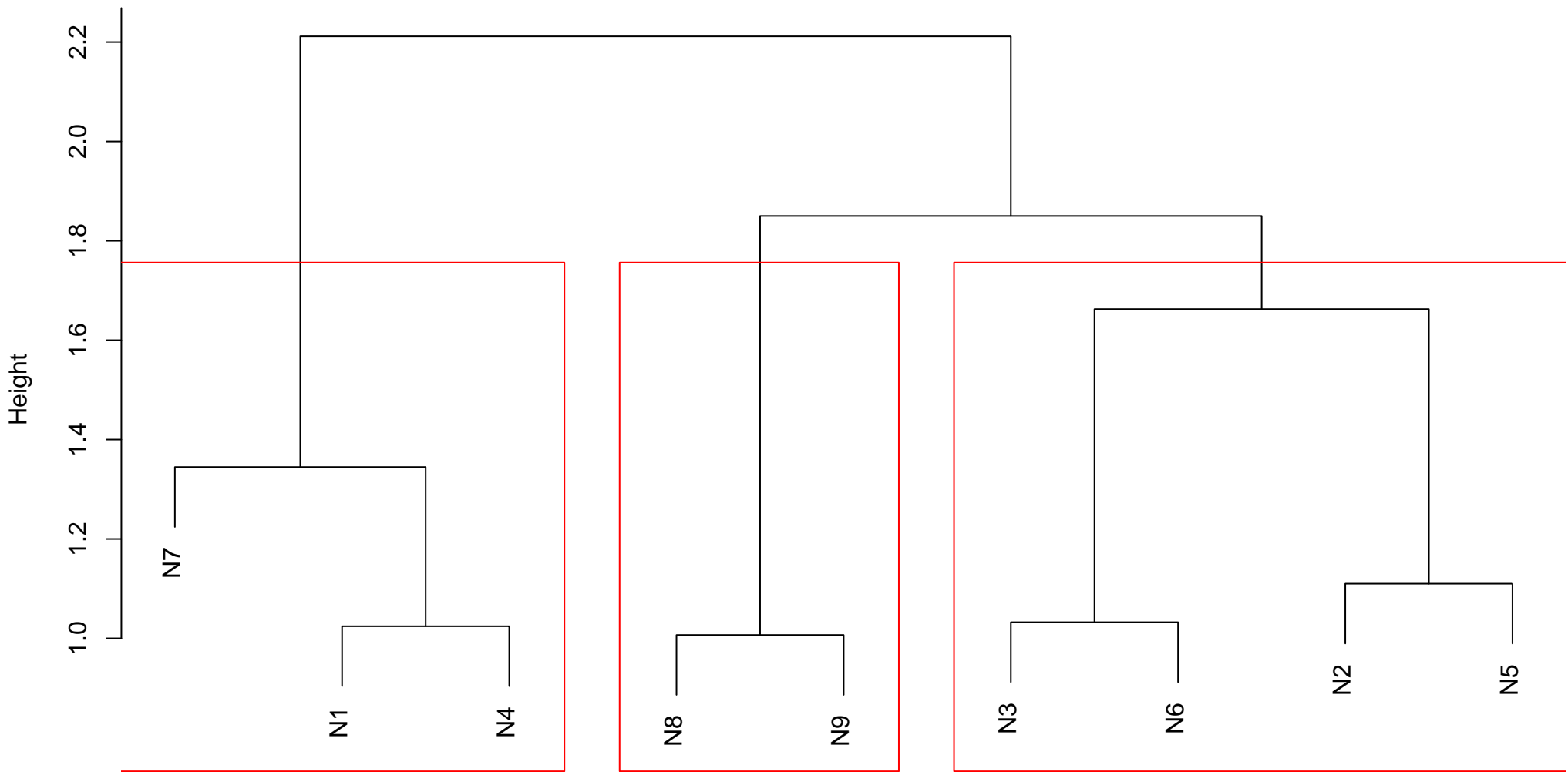
## SOM – Clusters (k = 3 )



	neuron	Y.amazed.suprised	Y.happy.pleased	Y.relaxing.calm	Y.quiet.still	Y.sad.lonely	Y.angry.aggressive
1	1	0	5	24	28	0	0
2	2	0	65	49	0	0	0
3	3	32	32	7	0	0	0
4	4	0	0	45	45	45	0
5	5	0	0	46	0	18	2
6	6	21	0	1	0	4	0
7	7	0	1	0	26	35	1
8	8	0	3	2	0	8	61
9	9	62	5	0	0	3	62

Grid: bubble\_hexagonal | rlen: 1500 | radius: 3 | alpha1: 0.5 | alpha2: 0.005 | QE Teste: 0.175105856548333

Cluster Dendrogram



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.aggressive
1	1	0	6	69	99	80	1
2	2	53	97	103	0	22	2
3	3	62	8	2	0	11	123

	cluster	combinacao	frequencia
4	1	000111	1
7	1	010010	1
8	1	010100	1
2	1	000100	3
9	1	011100	4
1	1	000010	8
5	1	001100	20
3	1	000110	25
6	1	001110	45

	cluster	combinacao	frequencia
8	2	101000	1
3	2	001011	2
7	2	100010	4
10	2	111000	7
2	2	001010	16
4	2	010000	16
6	2	100000	16
9	2	110000	25
1	2	001000	28
5	2	011000	49

	cluster	combinacao	frequencia
3	3	001001	2
4	3	010001	3
6	3	100011	3
7	3	110001	5
2	3	000011	8
1	3	000001	48
5	3	100001	54