

Método de la Distancia Mínima (Linkage simple)

	A	B	C	D	E	F	G
A	0						
B	2.15	0					
C	0.7	1.53	0				
D	1.07	1.14	0.43	0			
E	0.85	1.38	0.21	0.29	0		
F	1.16	1.01	0.55	0.22	0.41	0	
G	1.56	2.83	1.86	2.04	2.02	2.05	0

1. Nivel K=1

$\text{Min} \{d(C_i, C_j)\} = d(C, E) = 0.21$. Cluster (C, E) .

2. Nivel K=2

	A	B	(C,E)	D	F	G
A	0					
B	2.15	0				
(C,E)	0.7	1.38	0			
D	1.07	1.14	0.29	0		
F	1.16	1.01	0.41	0.22	0	
G	1.56	2.83	1.86	2.04	2.05	0

$\text{Min} \{d(C_i, C_j)\} = d(D, F) = 0.22$. Cluster (D, F) .

3. Nivel K=3

	A	B	(C,E)	(D,F)	G
A	0				
B	2.15	0			
(C,E)	0.7	1.38	0		
(D,F)	1.07	1.01	0.29	0	
G	1.56	2.83	1.86	2.04	0

$\text{Min} \{d(C_i, C_j)\} = d\{(C, E), (D, F)\} = 0.29$. Cluster $((C, E), (D, F))$.

4. Nivel K=4

	A	B	((C,E),(D,F))	G
A	0			
B	2.15	0		
((C,E),(D,F))	0.7	1.01	0	
G	1.56	2.83	1.86	0

$\text{Min} \{d(C_i, C_j)\} = d \{A, ((C, E), (D, F))\} = 0.7$. Cluster $(A, ((C, E), (D, F)))$.

5. Nivel K=5

	(A,((C,E),(D,F)))	B	G
(A,((C,E),(D,F)))	0		
B	1.01	0	
G	1.56	2.83	0

$\text{Min} \{d(C_i, C_j)\} = d \{B, (A, ((C, E), (D, F)))\} = 1.01$. Cluster $(B, (A, ((C, E), (D, F))))$.

6. Nivel K=6

	(B,(A,((C,E),(D,F))))	G
(B,(A,((C,E),(D,F))))	0	
G	1.56	0

Dendrograma

