

Single
link

1)

	P_1	P_2	P_3	P_4	P_5	P_6
P_1	0					
P_2	0.2357	0				
P_3	0.2218	0.1483	0			
P_4	0.3688	0.2042	0.1573	0		
P_5	0.3421	0.1388	0.2843	0.2932	0	
P_6	0.2347	0.2540	<u>0.1100</u>	<u>0.2216</u>	0.3921	0

min distance $P_3, P_6 \rightarrow$ merge

	P_1	P_2	P_3, P_6	P_4	P_5
P_1	0				
P_2	0.2375	0			
P_3, P_6	0.2218	0.1483	0		
P_4	0.3688	0.2042	0.1573	0	
P_5	0.3421	<u>0.1381</u>	0.2216	0.2932	0

min distance $P_2, P_5 \rightarrow$ merge

	P_1	$P_2 P_5$	$P_3 P_6$	P_4
P_1	0			
$P_2 P_5$	0.2557	0		
$P_3 P_6$	0.2218	0.1483	0	
P_4	0.3688	0.2042	0.1513	0

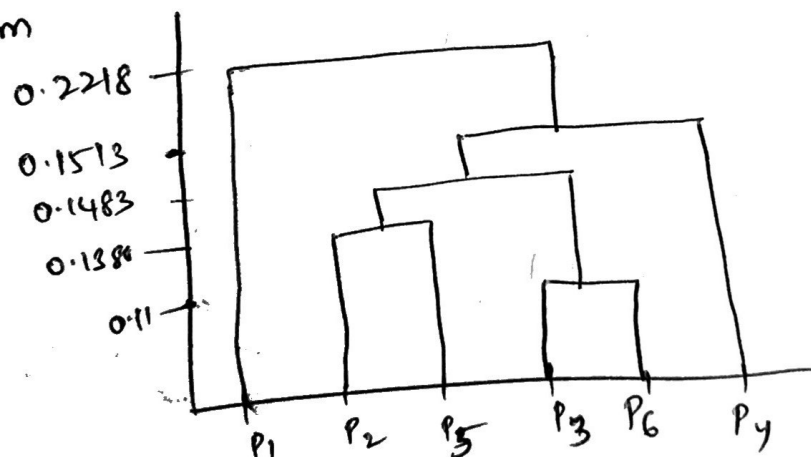
min distance 0.1483 merge P_3, P_6 with $P_2 P_5$

	P_1	P_4	P_2, P_3, P_5, P_6
P_1	0		
P_4	0.3688	0	
P_2, P_3, P_5, P_6	0.2218	0.1513	0

merge P_4 with P_2, P_3, P_5, P_6 (0.1513)

Finally merge P_1

Dendrogram



1)

min distance $P_3, P_6 \rightarrow \text{merge } (0.11)$

P_1 P_2 P_3, P_6 P_4 P_5

P_1 0

P_2 0.2357 0

P_3, P_6 0.2347 0.2540 0

P_4 0.368r 0.2042 0.2216 0

P_5 0.3421 0.138r 0.3921 0.2932 0

min distance $P_2, P_5 (0.138r)$

P_1 P_2, P_5 P_3, P_6 P_4

P_1 0

P_2, P_5 0.3421 0

P_3, P_6 0.2347 0.3921 0

P_4 0.368r 0.2932 0.2216 0

merge P_3, P_6 with P_4 in (0.2216)

Complete
Link

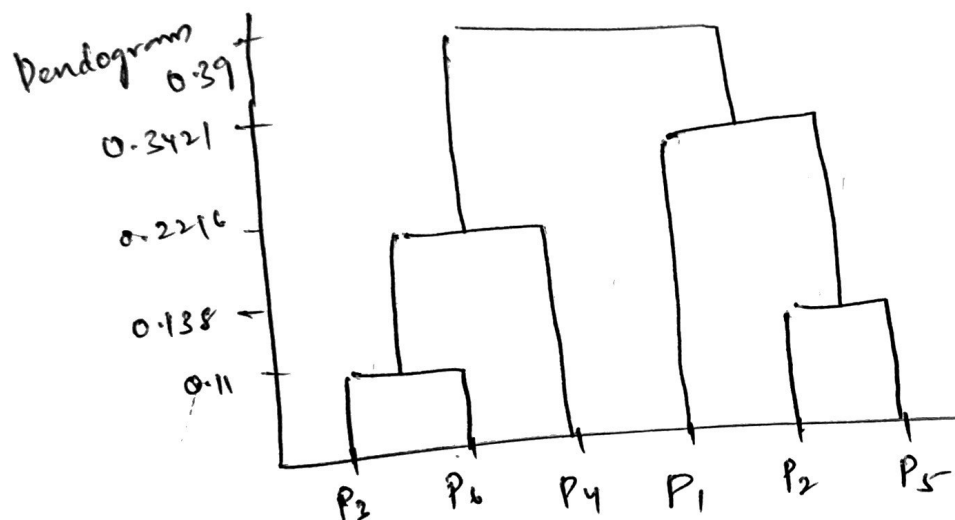
	P_1	$P_2 P_5$	$P_3 P_4 P_6$
P_1	0		
$P_2 P_5$	0.3421	0	
$P_3 P_4 P_6$	0.3684	0.39	0

	P_3	P_4	P_6
P_3	0.14	0.20	0.25
P_4	0.28	0.29	<u>0.39</u>
P_6	0.22	0.344	0.2347

merge P_2, P_5 with P_1 (0.3421)

	$P_1, P_2 P_5$	$P_3 P_4 P_6$
$P_1, P_2 P_5$	0	
$P_3 P_4 P_6$	0.39	0

merge all with 0.39



1)

Average
Link

merge P_3, P_6 (0.11)
 P_1 P_2 $P_3 P_6$ P_4 P_5

P_1 0

P_2 0.2357 0

$P_3 P_6$ 0.2282 0.2011 0

P_4 0.3688 0.2042 0.186 0

P_5 0.3421 0.1388 0.3382 0.2932 0

merge P_5, P_2 (0.1388)

P_1 $P_2 P_5$ $P_3 P_6$ P_4

P_1 0

$P_2 P_5$ 0.2889 0

$P_3 P_6$ 0.2282 0.2696 0

P_4 0.3688 0.2487 0.186 0

merge P_4 with $P_3 P_6$ (0.186)

P_1 $P_2 P_5$ $P_3 P_4 P_6$

P_1 0

$P_2 P_5$ 0.2889 0

$P_3 P_4 P_6$ 0.2751 0.2626 0

P_2 P_5

P_3 0.1483 0.2843

P_6 0.2540 0.3921

P_4 0.2042 0.2932

merge P_2, P_5 with P_3, P_4, P_6 (0.2626)

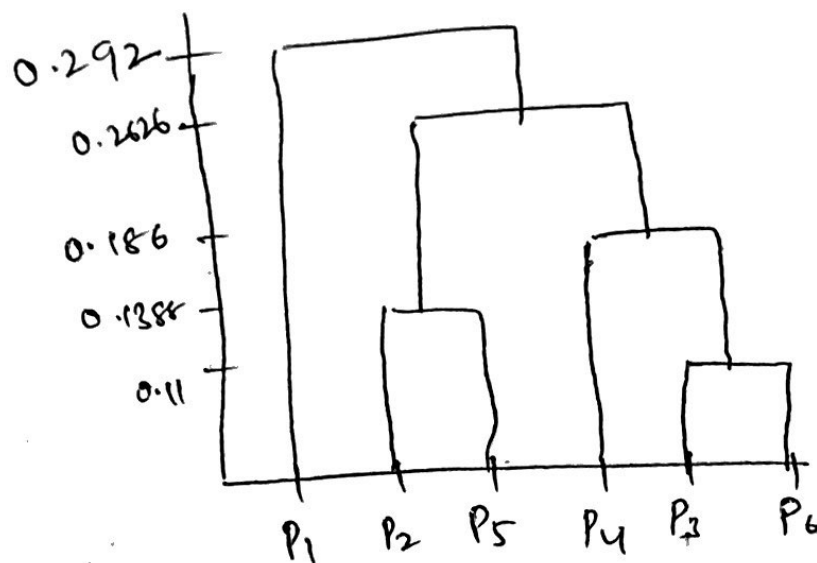
P_1 P_2, P_3, P_4, P_5, P_6

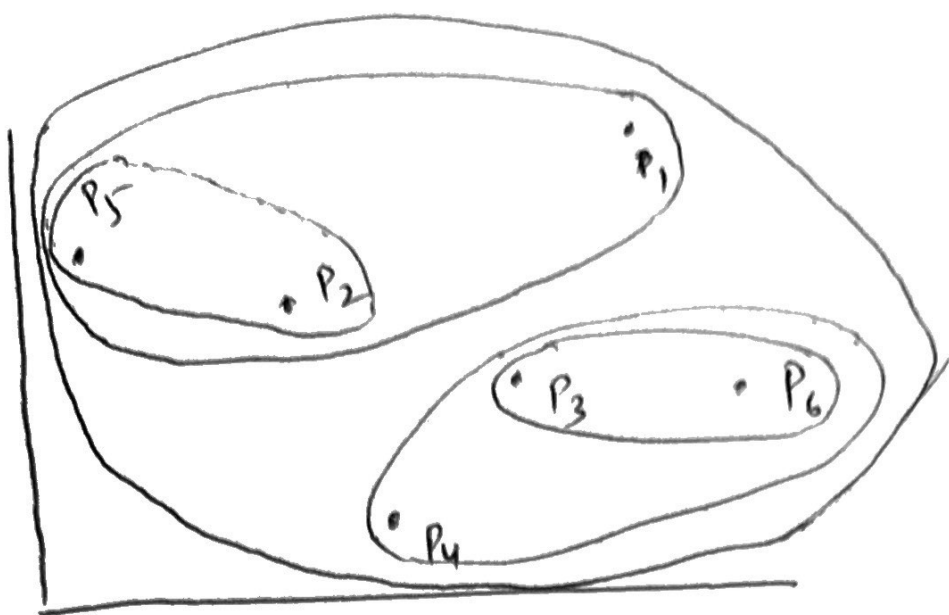
P_1 0

P_2, P_3, P_4, P_5, P_6 0.292 0

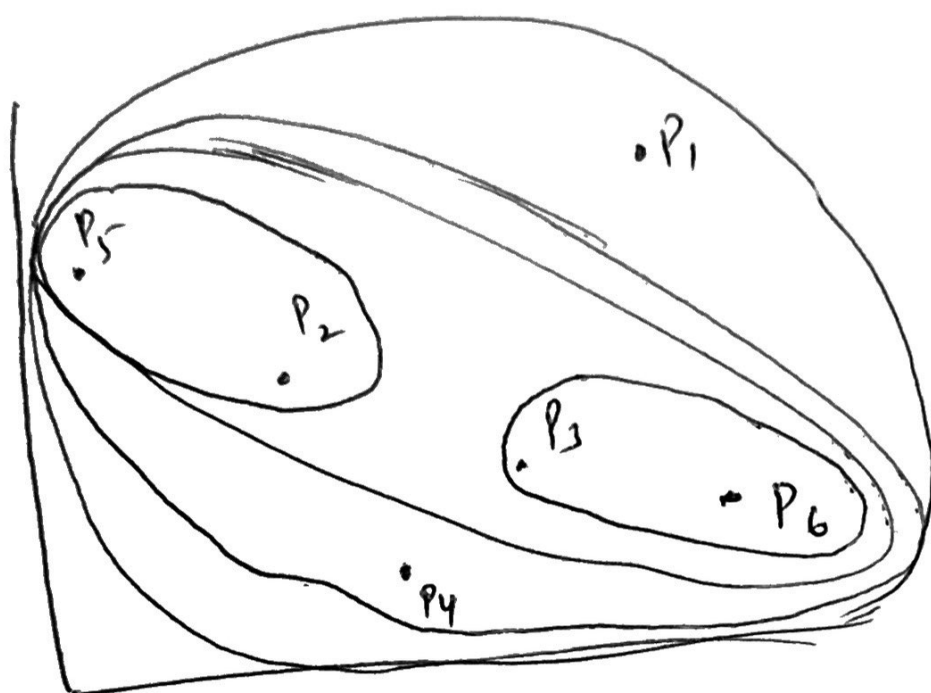
merge all with 0.292

Dendrogram:

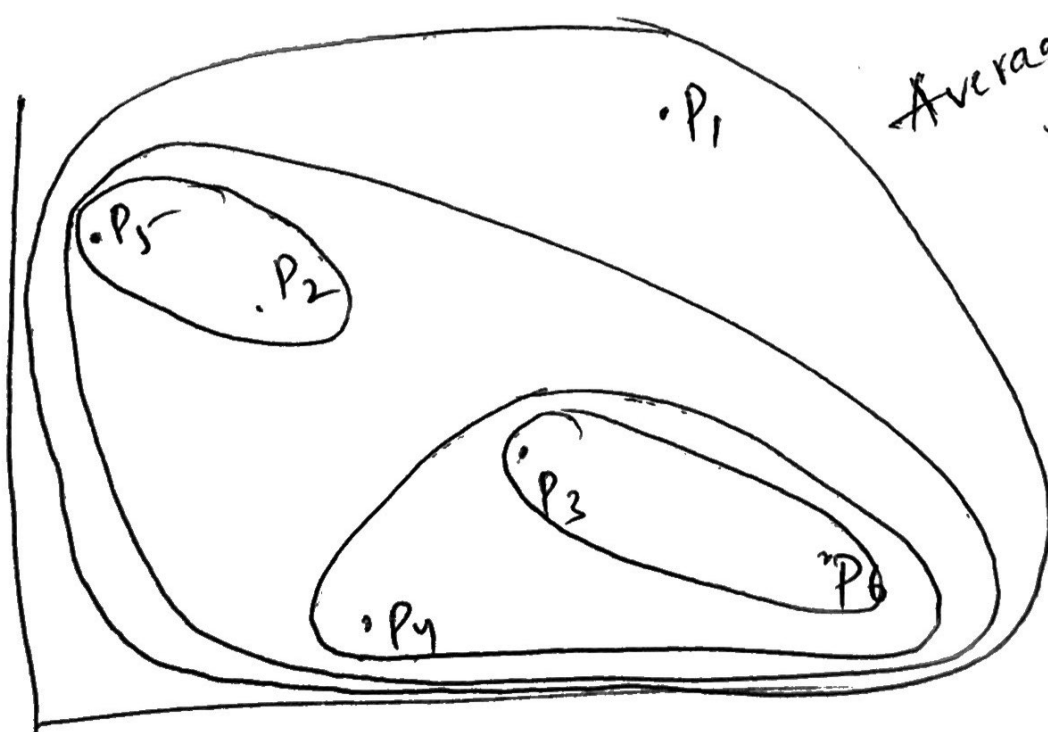




Complex



Single



Average