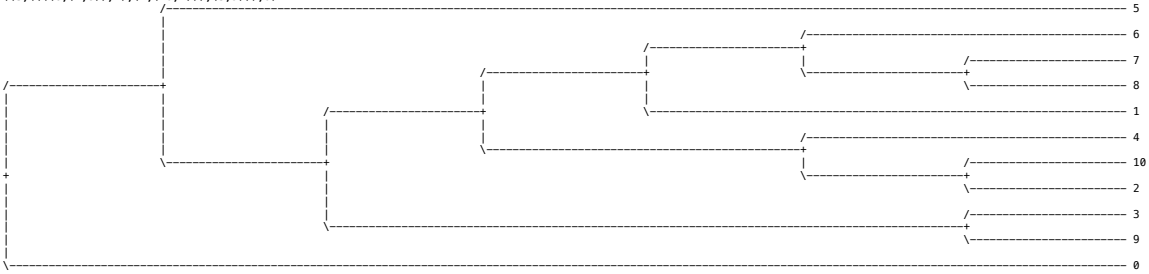
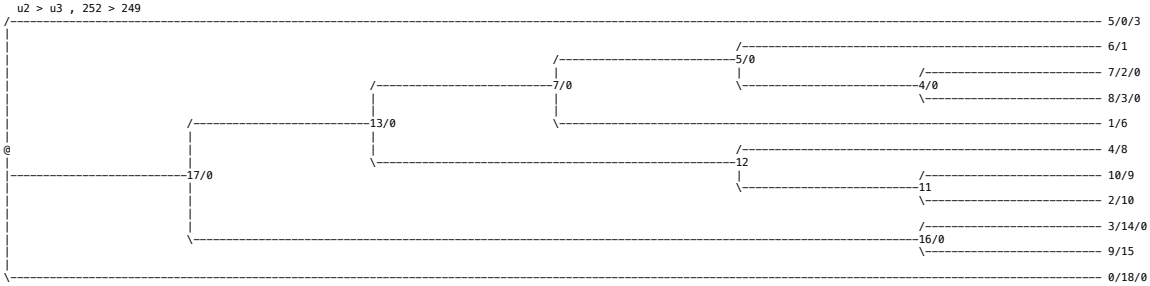
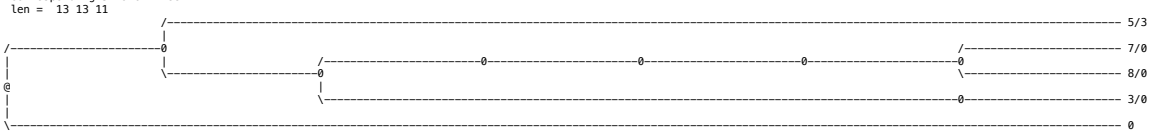
********** Model Condition -model.10.5400000.0.000000037/ Replicate 1/ **********
before derooting
((5,((((6,(7,8)),1),(4,(10,2))),(3,9))),0)



quintet ['0', '3', '5', '7', '8']
len induced_edge 11 list [0, 2, 3, 4, 5, 7, 13, 14, 16, 17, 18]
violation inv52
u2 > u3 , 252 > 249



U = [499, 249, 252, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
Corresponding 5-taxon tree
len = 13 13 11



Newick of the above 5 - taxon tree

(('5/3',((((('7/0','8/0')0)0)0)0,('3/0')0)0)0,0)

Analysis:-
1)best score on the dataset - 0
2) # edges that have the best score - 10