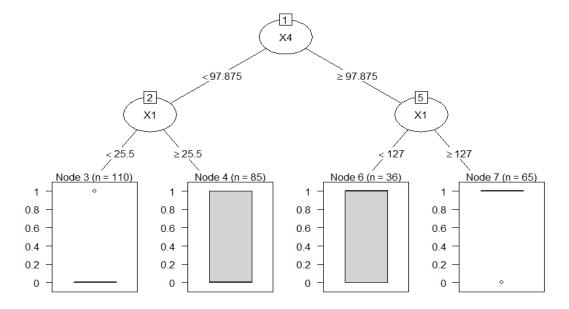
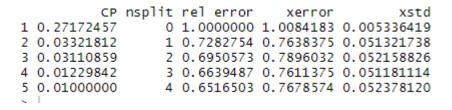
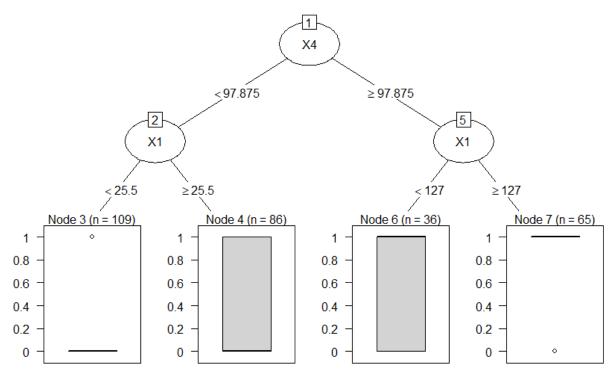
Test Case Number	Details		
1	Using all X and Y features, showing CP table before pruning and image		
	of pruned tree based on minimum xerror		
2	Using all X features, showing CP table before pruning and image of		
	pruned tree based on minimum xerror		
3	Using all Y features, showing CP table before pruning and image of		
	pruned tree based on minimum xerror		
4	Using all X and Y features for Group =0 only, showing CP table before		
	pruning and image of pruned tree based on minimum xerror		
5	Using all X for Group =0 only, showing CP table before pruning and		
	image of pruned tree based on minimum xerror		
6	Using all Y features for Group =0 only, showing CP table before		
	pruning and image of pruned tree based on minimum xerror		
7	Using all X and Y features for Group =1 only, showing CP table before		
	pruning and image of pruned tree based on minimum xerror		
8	Using all X for Group =1 only, showing CP table before pruning and		
	image of pruned tree based on minimum xerror		
9	Using all Y features for Group =1 only, showing CP table before		
	pruning and image of pruned tree based on minimum xerror		

## Test case 1:

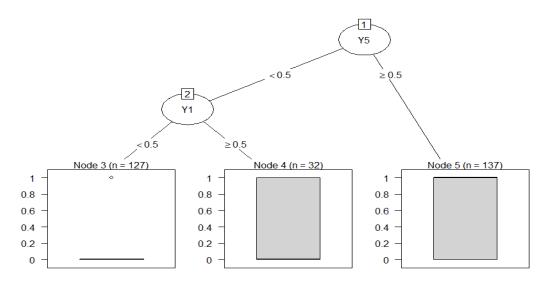


### Test Case 2:

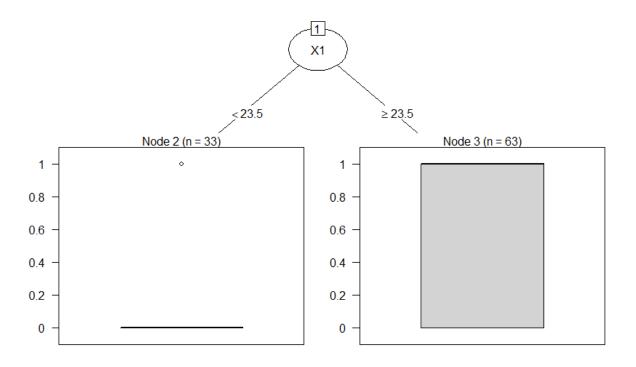




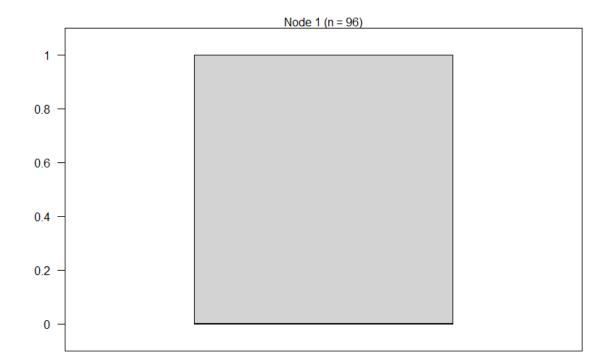
Test Case 3:



Test Case 4:

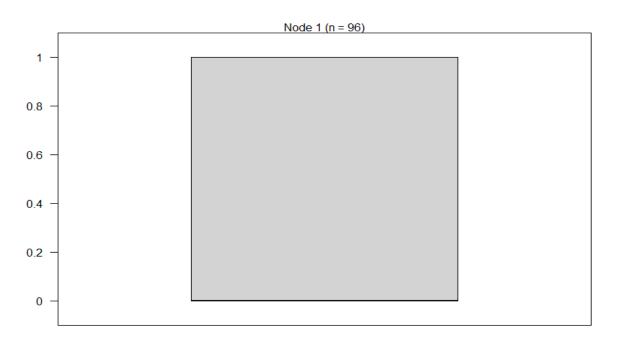


### Test Case 5:



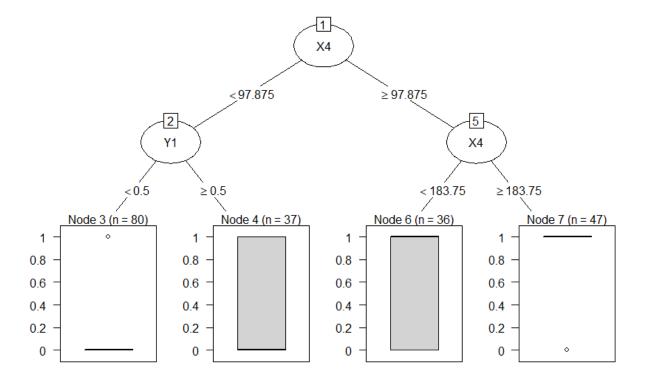
Test Case 6:

```
CP nsplit rel error xerror xstd
1 0.0837823 0 1.0000000 1.011700 0.01794214
2 0.0100000 1 0.9162177 1.019217 0.06262912
```



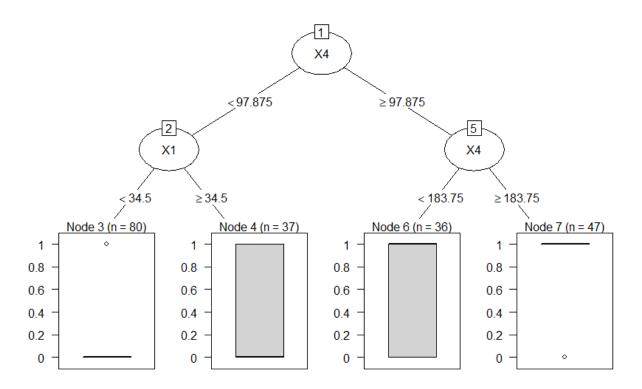
Test Case 7:

	CP	nsplit	rel error	xerror	xstd
1	0.30778614	0	1.0000000	1.0060073	0.003798592
2	0.04139071	1	0.6922139	0.8016858	0.070934616
3	0.03354564	2	0.6508232	0.7577154	0.066183955
4	0.01000000	3	0.6172775	0.7141852	0.066891270

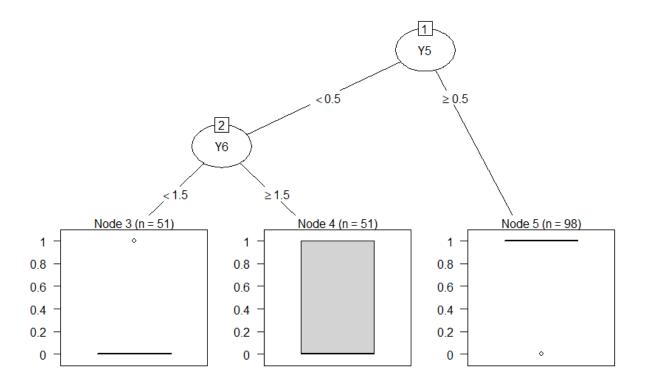


### Test Case 8:

CP nsplit rel error xerror	
1 0.30778614	0.003797688
2 0.04139071	0.068110931
3 0.03354564 2 0.6508232 0.7405316	0.066428419
4 0.01000000 3 0.6172775 0.7049076	0.066534113



# Test Case 9:



Conclusion: Rel Error got reduced when we only train Model for Group 1 only with either X & Y together or X alone.