

(a) $3/5 = 60\%$

(b)

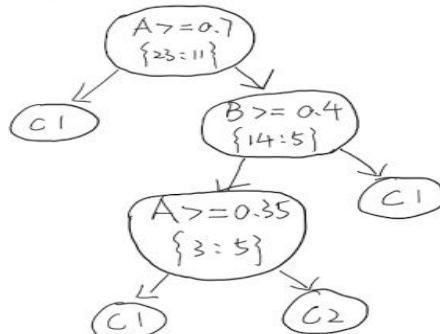
① remove $A \geq 0.7$
 $\{23:11\}$

tree after remove : $C1$

classifier accuracy = $2/5 = 40\%$

② remove $A \geq 0.9$
 $\{9:6\}$

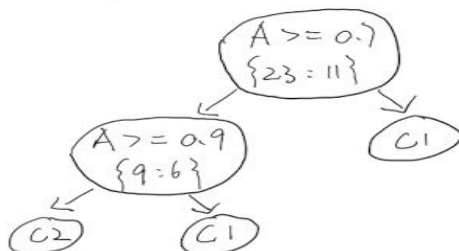
tree after remove :



classifier accuracy = $2/5 = 40\%$

③ remove $B \geq 0.4$
 $\{14:5\}$

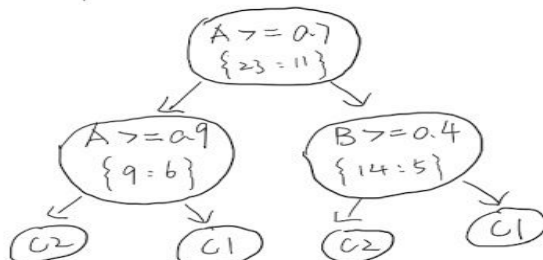
tree after remove :



classifier accuracy = $3/5 = 60\%$

④ remove $A \geq 0.35$
 $\{3:5\}$

tree after remove :



classifier accuracy = $4/5 = 80\%$

(c) Node ($A \geq 0.35$) should be pruned first