```
#automl parameter
#train for 10 folds CV , running two hour for all OS/DMFS/LRFS
#then get a list order by mean AUC of 10 folds CV
#find the best one


#Automl running
m4 <- h2o.automl(x = c(1:tempx), y = y, training_frame =
deepTrain2,leaderboard_frame=deepTrain2,validation_frame =deepTrain2,

                    max_runtime_secs=7200,
                    ,fold_column=setFoldName        #10 folds CV
                    ,stopping_metric ="AUC"
                    ,stopping_tolerance=0.005
                    ,stopping_rounds =3


);


#get a list of mean AUC of 10 folds CV    of all models
automlMaxAuc=0
automlAuc=c()
for(i in 1:nrow(testobj@leaderboard)){

    modelname=testobj@leaderboard[i,1]

    if(length( unlist(strsplit(x=modelname,split="Ensemble")) )==1 ){

        thismodel=h2o.getModel(modelname)

        tempaaaa=as.numeric(thismodel@model$cross_validation_metrics_summary[2,1])
        automlAuc=rbind(automlAuc,c(modelname,tempaaaa))
        if(tempaaaa>automlMaxAuc){
            h2omethod=thismodel
            automlMaxAuc=tempaaaa
        }

    }

}#for

#list of mean AUC of 10 folds CV
automlAuc=as.data.frame(automlAuc)
```

#bestAUC:automlMaxAuc