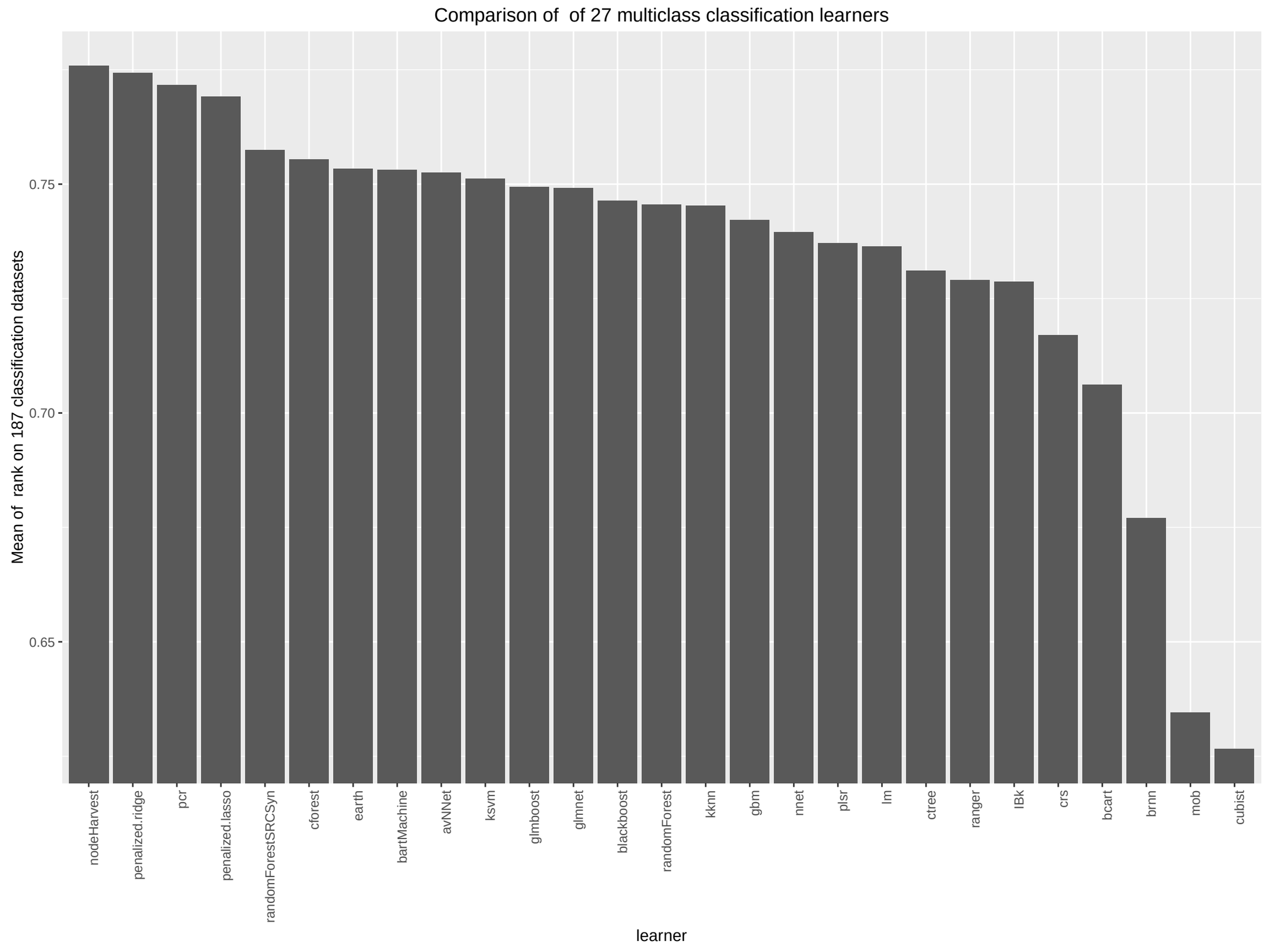
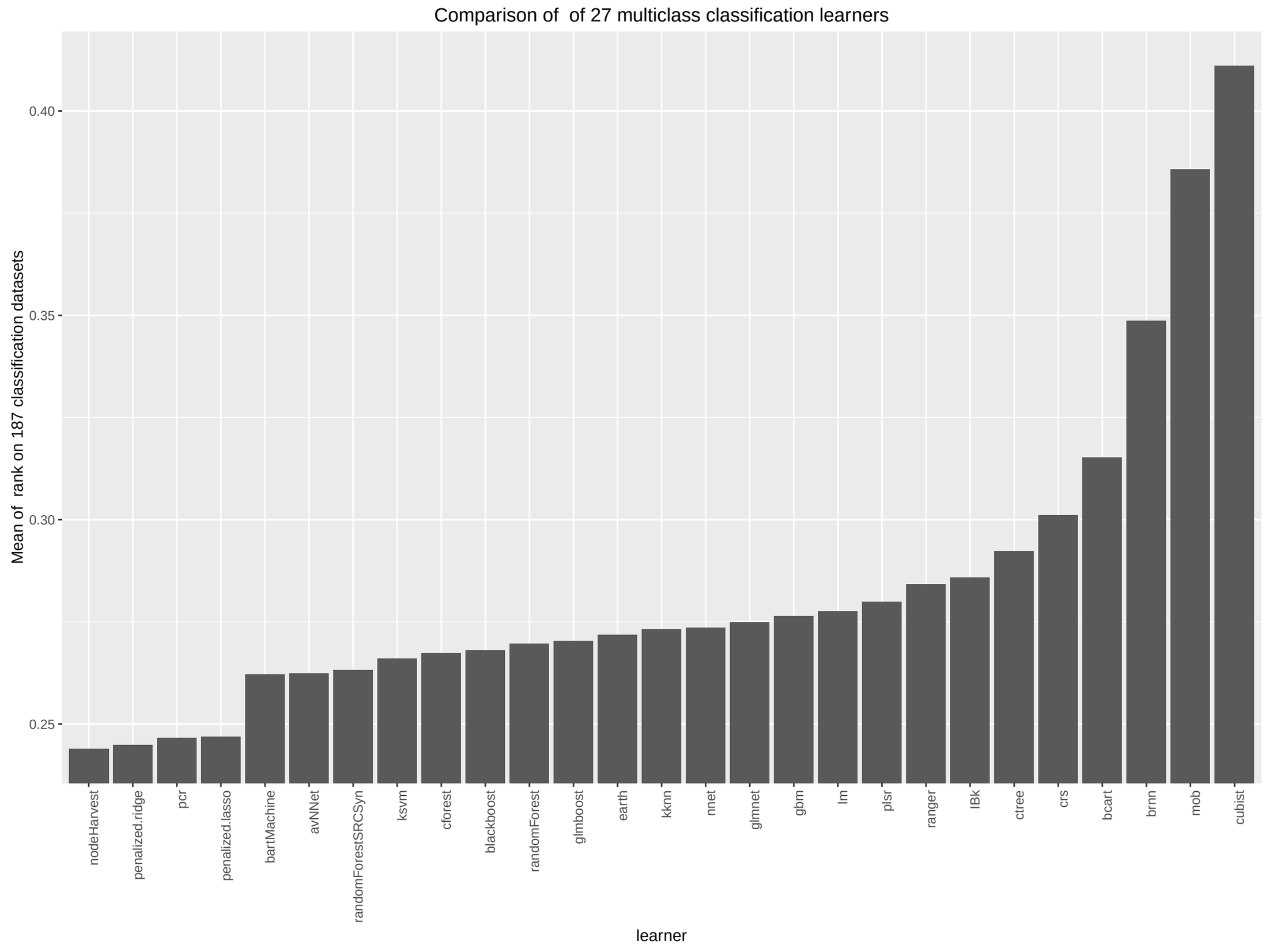
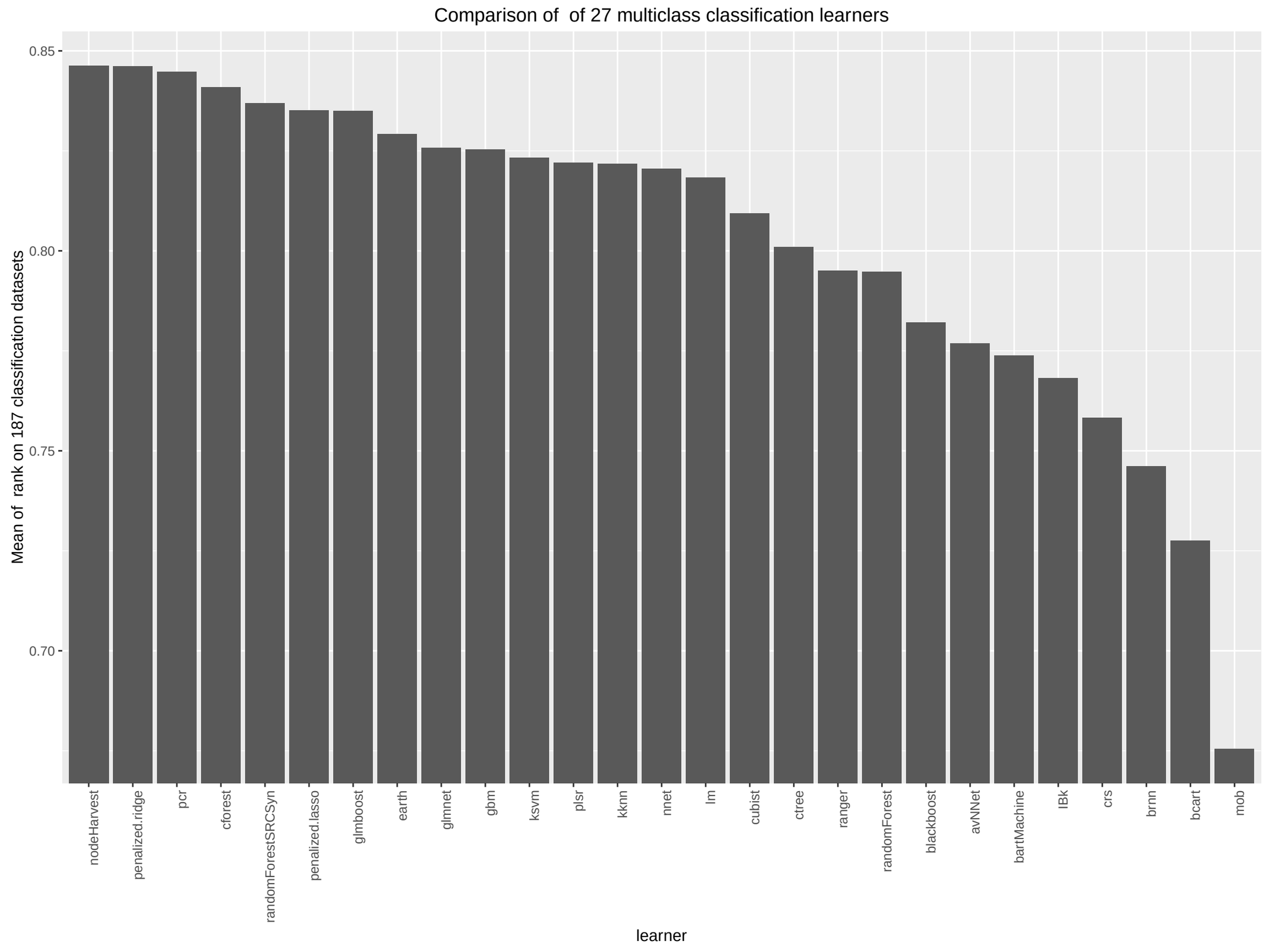
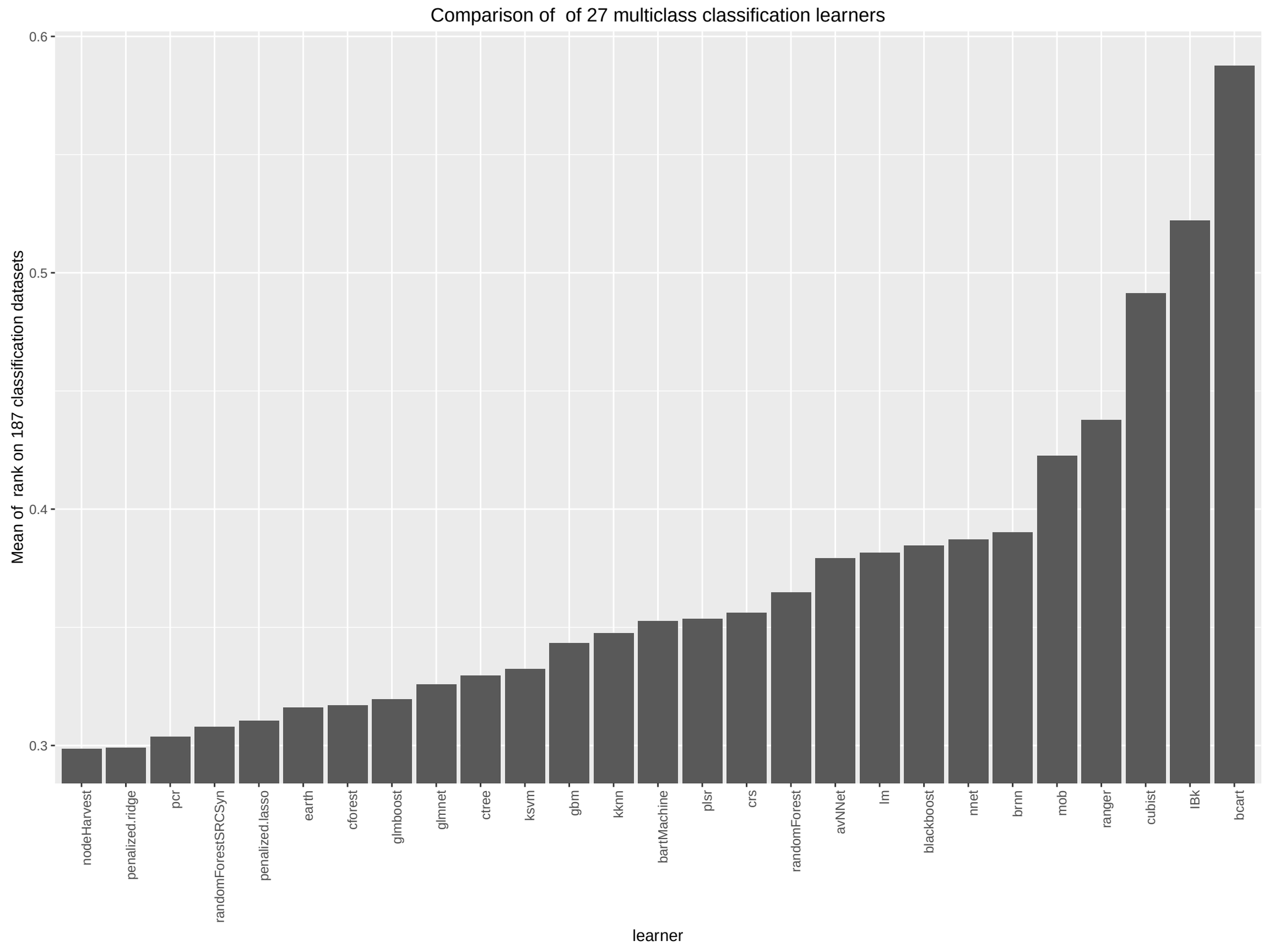
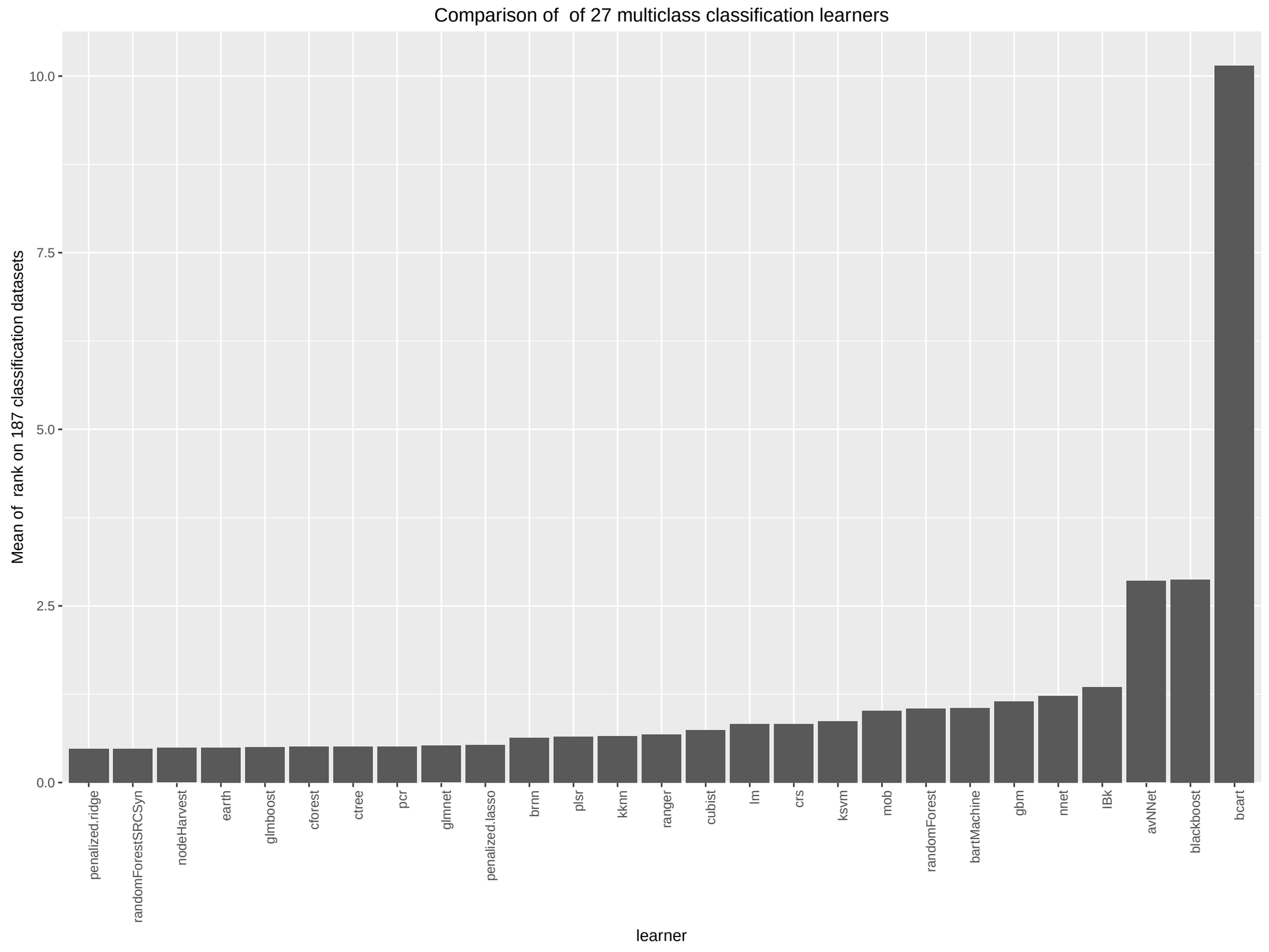
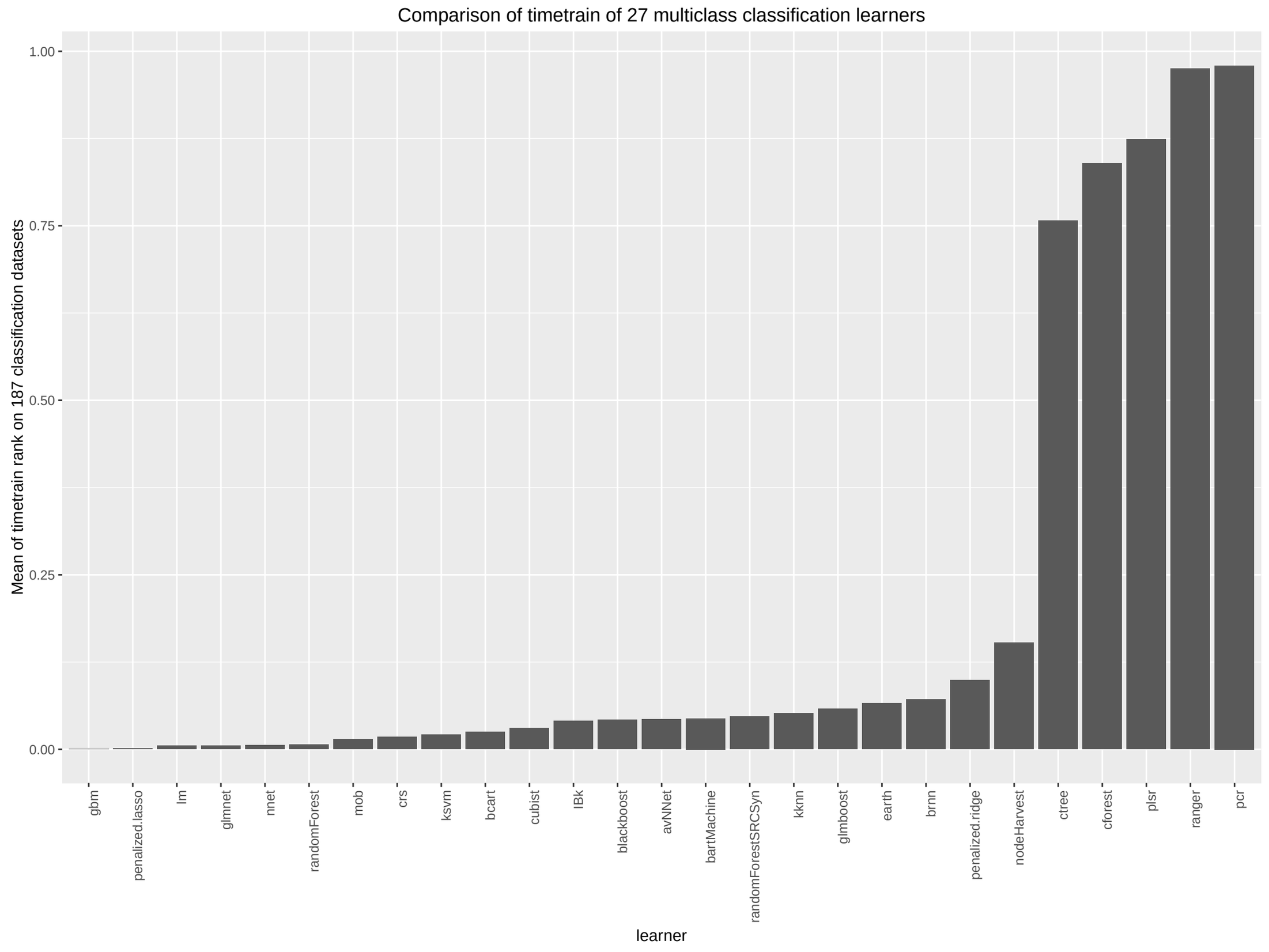

Comparison of of 27 multiclass classification learners
Mean of rank on 187 classification datasets
0.75
0.70
0.65
nodeHarvest
penalized.ridge
pcr
penalized.lasso
randomForestSRCSyn
cforest
earth
bartMachine
avNNet
ksvm
glmboost
glmnet
blackboost
randomForest
kknn
gbm
nnet
plsr
lm
ctree
ranger
IBk
crs
bcart
brnn
mob
cubist
learner


Comparison of of 27 multiclass classification learners
Mean of rank on 187 classification datasets
0.40
0.35
0.30
0.25
nodeHarvest
penalized.ridge
pcr
penalized.lasso
bartMachine
avNNet
randomForestSRCSyn
ksvm
cforest
blackboost
randomForest
glmboost
earth
kknn
nnet
glmnet
gbm
lm
plsr
ranger
IBk
ctree
crs
bcart
brnn
mob
cubist
learner


Comparison of of 27 multiclass classification learners
Mean of rank on 187 classification datasets
0.85
0.80
0.75
0.70
nodeHarvest
penalized.ridge
pcr
cforest
randomForestSRCSyn
penalized.lasso
glmboost
earth
glmnet
gbm
ksvm
plsr
kknn
nnet
lm
cubist
ctree
ranger
randomForest
blackboost
avNNet
bartMachine
IBk
crs
brnn
bcart
mob
learner


Comparison of of 27 multiclass classification learners
Mean of rank on 187 classification datasets
0.6
0.5
0.4
0.3
learner
nodeHarvest
penalized.ridge
pcr
randomForestSRCSyn
penalized.lasso
earth
cforest
glmboost
glmnet
ctree
ksvm
gbm
kknn
bartMachine
plsr
crs
randomForest
avNNet
lm
blackboost
nnet
brnn
mob
ranger
cubist
IBk
bcart


Comparison of of 27 multiclass classification learners
Mean of rank on 187 classification datasets
10.0
7.5
5.0
2.5
0.0
penalized.ridge
randomForestSRCSyn
nodeHarvest
earth
glmboost
cforest
ctree
pcr
glmnet
penalized.lasso
brnn
plsr
kknn
ranger
cubist
lm
crs
ksvm
mob
randomForest
bartMachine
gbm
nnet
IBk
avNNet
blackboost
bcart
learner


Comparison of timetrain of 27 multiclass classification learners
Mean of timetrain rank on 187 classification datasets
1.00
0.75
0.50
0.25
0.00
learner
gbm
penalized.lasso
lm
glmnet
nnet
randomForest
mob
crs
ksvm
bcart
cubist
IBk
blackboost
avNNet
bartMachine
randomForestSRCSyn
kknn
glmboost
earth
brnn
penalized.ridge
nodeHarvest
ctree
cforest
plsr
ranger
pcr