

5_Ensamblado

2023-02-03

Evaluacion del modelo ganador y conclusiones

Algoritmo a usar para este modelo

Matriz de confusion para el modelo escogido

Sensitividad, especificidad y precision

Tabla de parametros para regresion logistica

Puntos de corte

Contraste de hipotesis entre algunos modelos

Visualpred

Tabla resumen

Como punto final a esta practica se adjunta tabla resumen con auc y tasa de fallos para cada modelo evaluado

```
lista_medias <- rbind(medias1,medias2,medias3, medias4, medias5,medias6, medias11, medias12, medias13, medias14,medias15, medias16)

knitr::kable(lista_medias, "pipe")
```

tasa	auc	modelo
0.1082578	0.9451795	Logistical1
0.1072508	0.9466813	Logistical1
0.1077543	0.9476129	Logistical1
0.1112790	0.9467398	Logistical1
0.1062437	0.9478490	Logistical1
0.1117825	0.9440390	Logistica2
0.1122860	0.9440421	Logistica2
0.1122860	0.9449173	Logistica2
0.1117825	0.9448233	Logistica2
0.1127895	0.9448474	Logistica2
0.0765358	0.9727161	Avnnet1
0.0730111	0.9716842	Avnnet1
0.0679758	0.9705218	Avnnet1
0.0730111	0.9714733	Avnnet1
0.0765358	0.9722795	Avnnet1
0.1122860	0.9442092	Avnnet2
0.1137966	0.9441967	Avnnet2
0.1122860	0.9443377	Avnnet2
0.1153072	0.9447805	Avnnet2
0.1158107	0.9446468	Avnnet2
0.0720040	0.9729448	Red con maxit
0.0720040	0.9722033	Red con maxit
0.0694864	0.9720247	Red con maxit
0.0735146	0.9722242	Red con maxit
0.0750252	0.9718148	Red con maxit
0.0704935	0.9745558	bagging
0.0674723	0.9754180	bagging
0.0745217	0.9760263	bagging
0.0740181	0.9764947	bagging
0.0689829	0.9757741	bagging
0.0634441	0.9776666	randomforest
0.0624371	0.9774295	randomforest
0.0664653	0.9782164	randomforest
0.0664653	0.9782368	randomforest
0.0659617	0.9781428	randomforest
0.0669688	0.9764060	randomforest
0.0634441	0.9761339	randomforest
0.0639476	0.9796274	randomforest
0.0669688	0.9759428	randomforest
0.0594159	0.9783731	randomforest
0.0901309	0.9707088	gbm
0.0845921	0.9673991	gbm
0.0855992	0.9687620	gbm
0.0896274	0.9691035	gbm
0.0795569	0.9705260	gbm
0.0503525	0.9883863	xgbm
0.0513595	0.9863748	xgbm
0.0528701	0.9893158	xgbm

tasa	auc	modelo
0.0473313	0.9898651	xgbm
0.0468278	0.9899038	xgbm
0.1122860	0.9452891	svmLinear
0.1132931	0.9454886	svmLinear
0.1112790	0.9459857	svmLinear
0.1122860	0.9462740	svmLinear
0.1107754	0.9460902	svmLinear
0.0906344	0.9607452	svmPoly
0.0861027	0.9614794	svmPoly
0.0936556	0.9577070	svmPoly
0.0901309	0.9567107	svmPoly
0.0861027	0.9611755	svmPoly
0.0760322	0.9670231	svmRBF
0.0795569	0.9624653	svmRBF
0.0750252	0.9648027	svmRBF
0.0780463	0.9621196	svmRBF
0.0775428	0.9641823	svmRBF