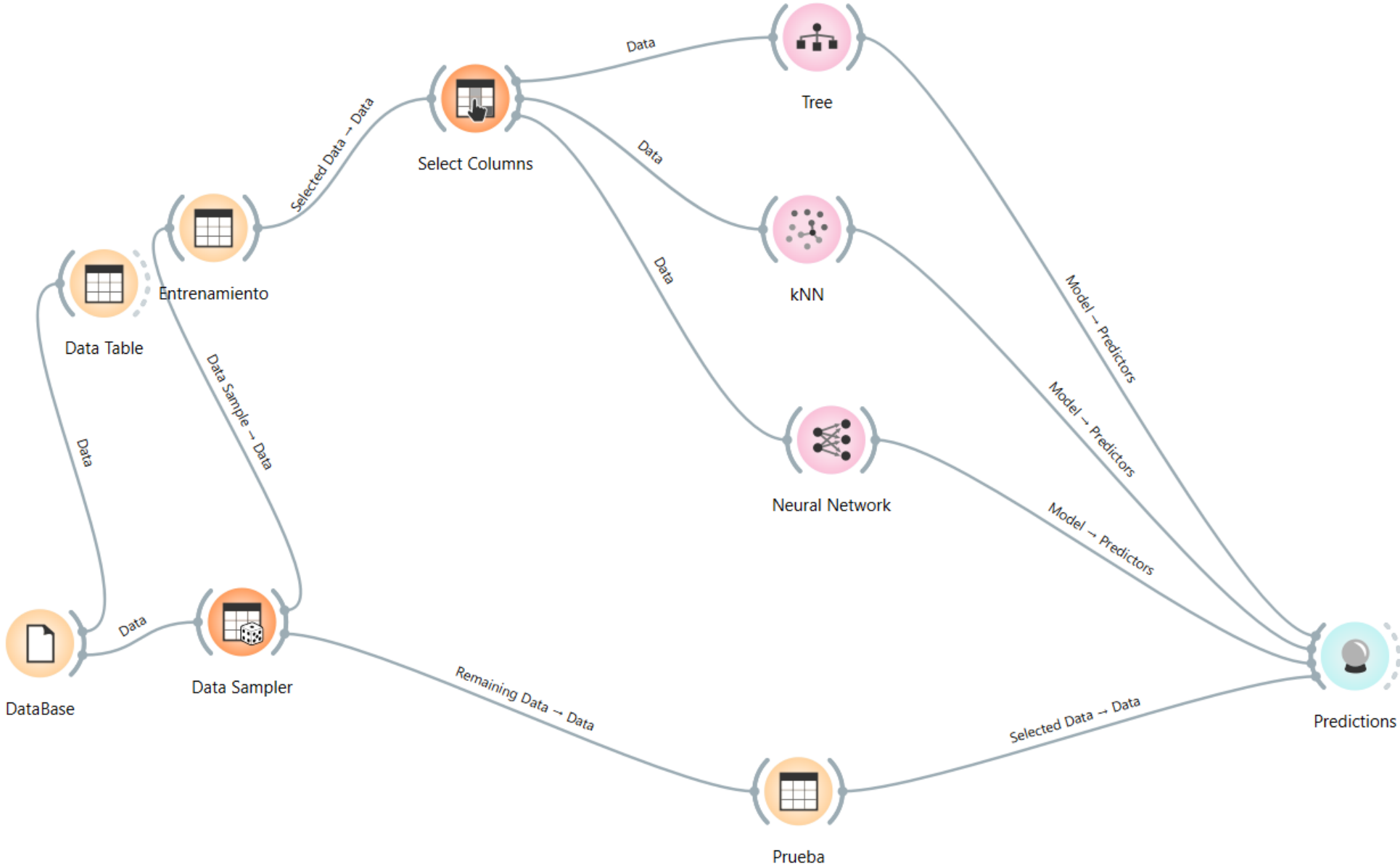
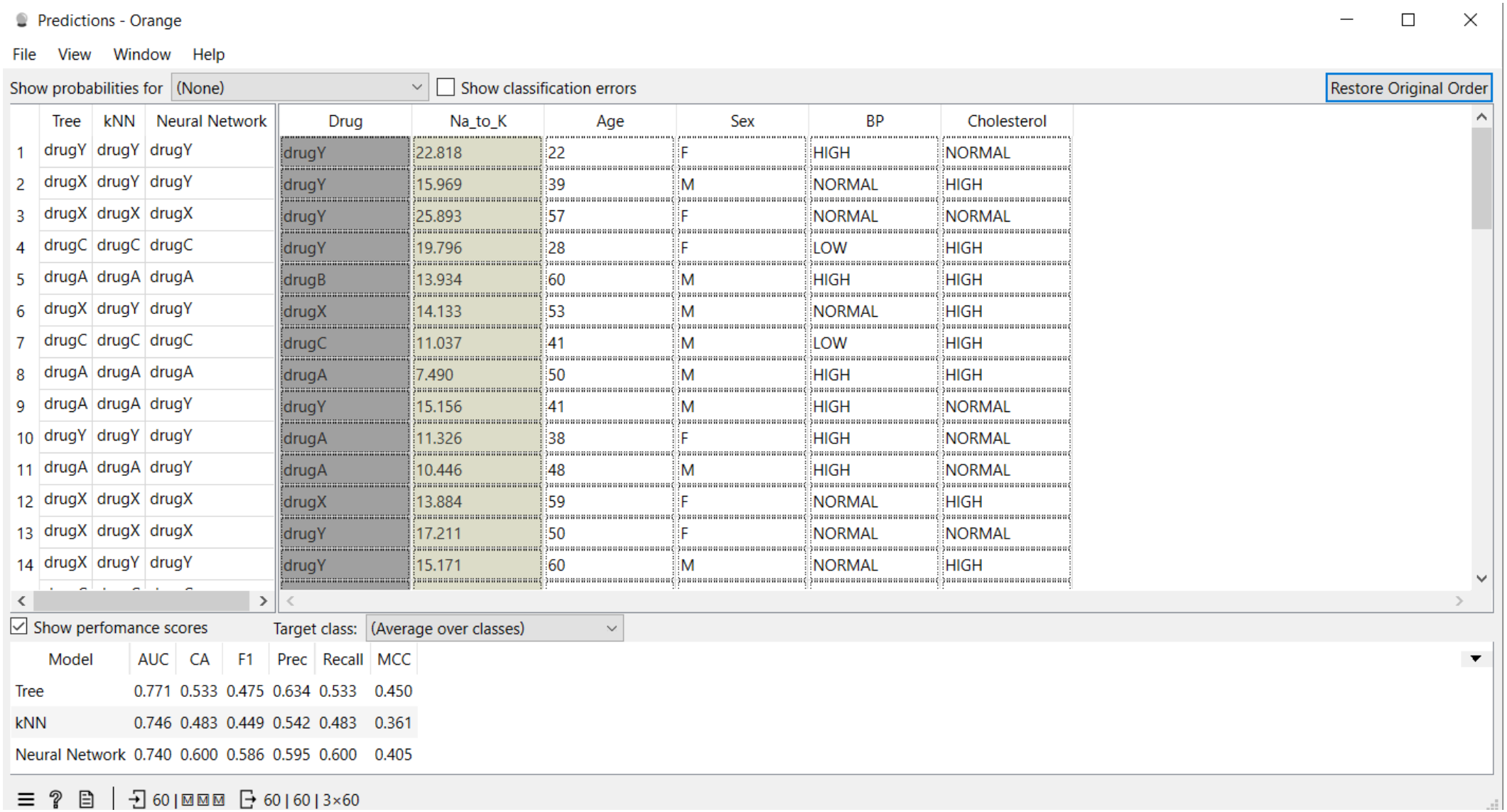
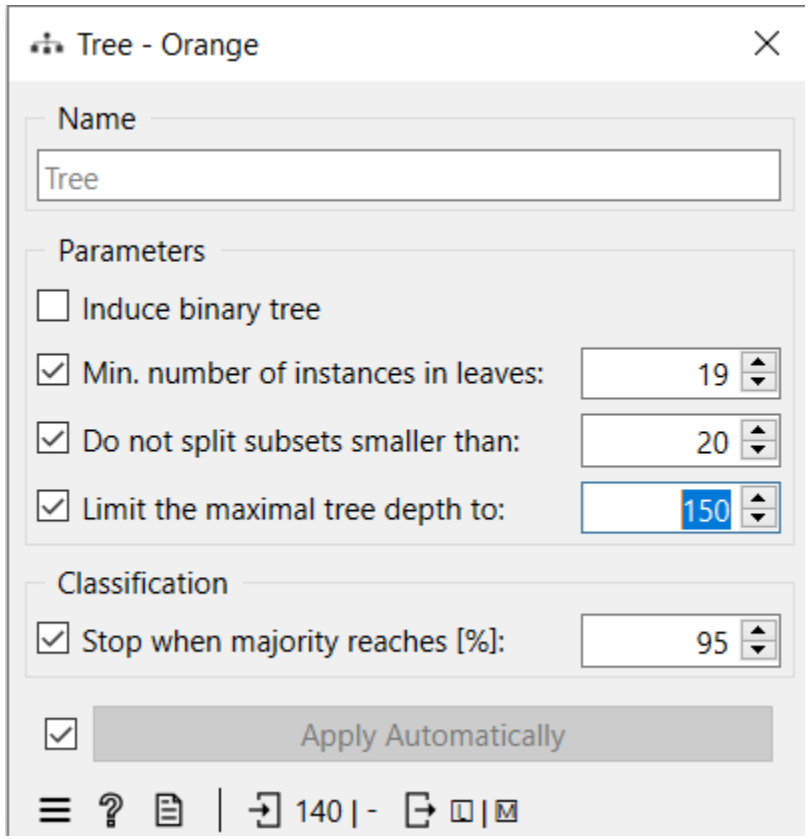

Data
Tree
Selected Data → Data
Select Columns
Data
Entrenamiento
kNN
Data Table
Data
Data Sample → Data
Neural Network
Model → Predictors
Model → Predictors
Model → Predictors
Data
Data Sampler
Remaining Data → Data
Selected Data → Data
DataBase
Prueba
Predictions



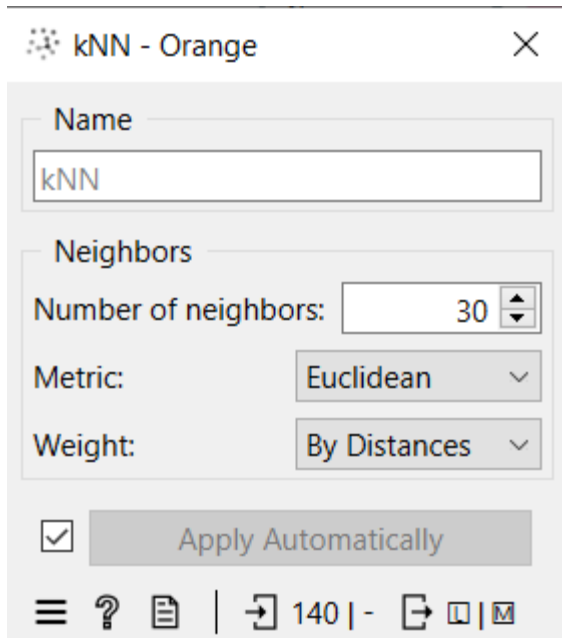
	Tree	kNN	Neural Network	Drug	Na_to_K	Age	Sex	BP	Cholesterol
1	drugY	drugY	drugY	drugY	22.818	22	F	HIGH	NORMAL
2	drugX	drugY	drugY	drugY	15.969	39	M	NORMAL	HIGH
3	drugX	drugX	drugX	drugY	25.893	57	F	NORMAL	NORMAL
4	drugC	drugC	drugC	drugY	19.796	28	F	LOW	HIGH
5	drugA	drugA	drugA	drugB	13.934	60	M	HIGH	HIGH
6	drugX	drugY	drugY	drugX	14.133	53	M	NORMAL	HIGH
7	drugC	drugC	drugC	drugC	11.037	41	M	LOW	HIGH
8	drugA	drugA	drugA	drugA	7.490	50	M	HIGH	HIGH
9	drugA	drugA	drugY	drugY	15.156	41	M	HIGH	NORMAL
10	drugY	drugY	drugY	drugA	11.326	38	F	HIGH	NORMAL
11	drugA	drugA	drugY	drugA	10.446	48	M	HIGH	NORMAL
12	drugX	drugX	drugX	drugX	13.884	59	F	NORMAL	HIGH
13	drugX	drugX	drugX	drugY	17.211	50	F	NORMAL	NORMAL
14	drugX	drugY	drugY	drugY	15.171	60	M	NORMAL	HIGH

Model	AUC	CA	F1	Prec	Recall	MCC
Tree	0.771	0.533	0.475	0.634	0.533	0.450
kNN	0.746	0.483	0.449	0.542	0.483	0.361
Neural Network	0.740	0.600	0.586	0.595	0.600	0.405

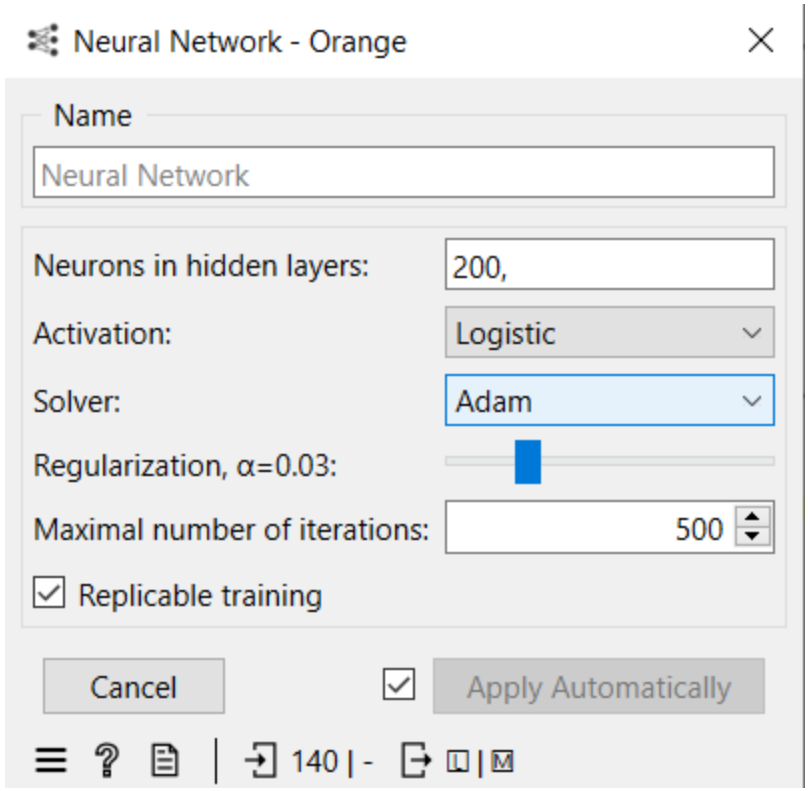
Arbol de decision



KNN


kNN - Orange
Name
kNN
Neighbors
Number of neighbors:
30
Metric:
Euclidean
Weight:
By Distances
Apply Automatically
140 | -

Redes Neuronales



Conclusiones

Despues de haber utilizado los modelos de Arbol de decision, kNN y Redes Neuronales, llegue a la conclusion de que el arbol de decision es el que tiene major precision con 0.634, con los siguientes parametros: