

Source

●

File: ML\diabetes_dataset.csv

...

Reload

○

URL:

File Type

Automatically detect type

Info

768 instances
9 features (no missing values)
Data has no target variable.
0 meta attributes

Columns (Double click to edit)

| | Name | Type | Role | Values |
|---|-------------------|------------------|---------|--------|
| 1 | Pregnancies | N numeric | feature | |
| 2 | Glucose | N numeric | feature | |
| 3 | BloodPressure | N numeric | feature | |
| 4 | SkinThickness | N numeric | feature | |
| 5 | Insulin | N numeric | feature | |
| 6 | BMI | N numeric | feature | |
| 7 | DiabetesPedigr... | N numeric | feature | |

Reset

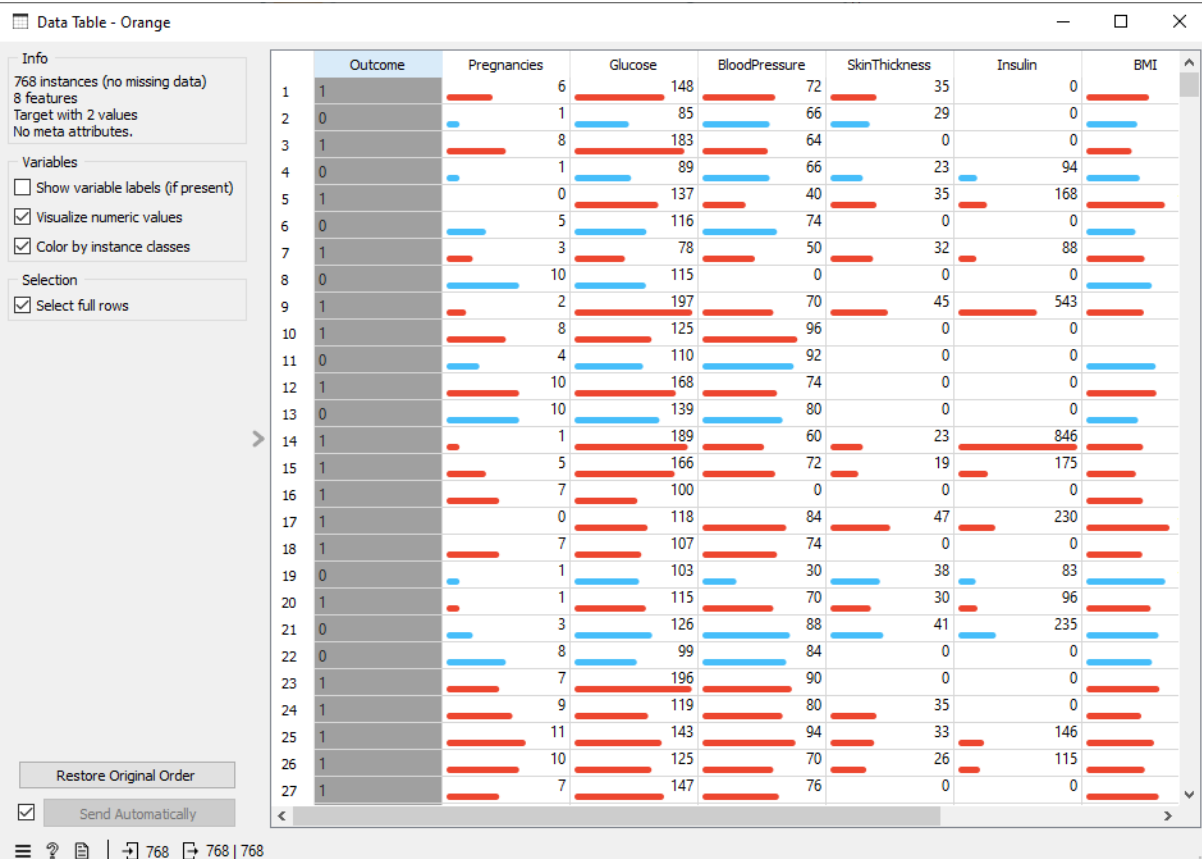
Apply

Browse documentation datasets

≡ ? 📄 | ➡ 768

Use CSV File Import widget for advanced options for comma-separated files

Ok, got it



Data Sampler - Orange

Sampling Type

☒ Fixed proportion of data:

85 %

☐ Fixed sample size

Instances: 1

☐ Sample with replacement

☐ Cross validation

Number of subsets: 8

Unused subset: 2

☐ Bootstrap

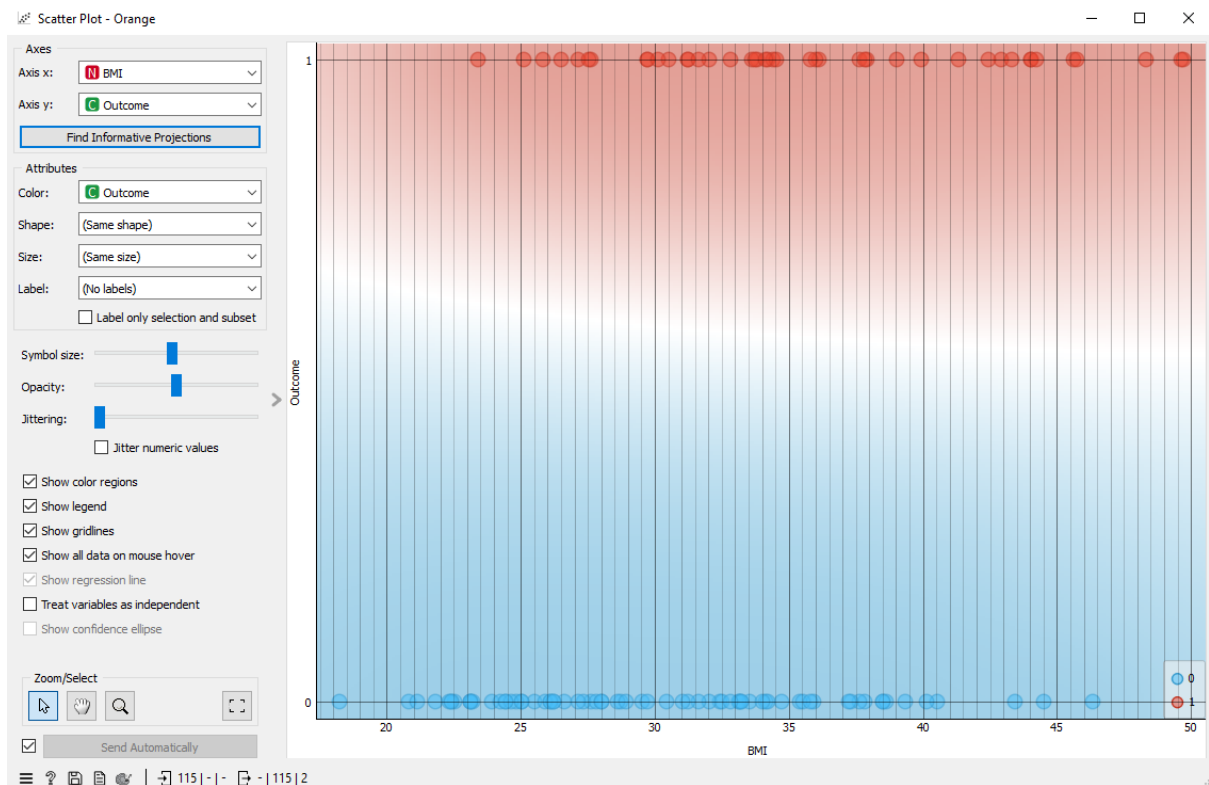
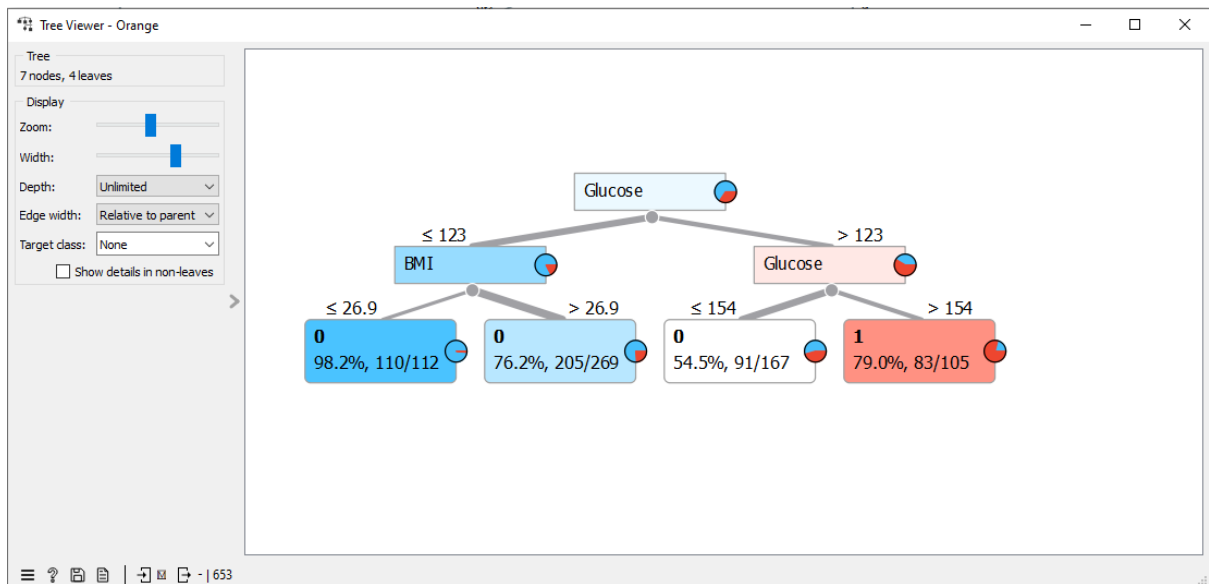
Options

☒ Replicable (deterministic) sampling

☐ Stratify sample (when possible)

Sample Data

768 | 653 | 11



☒ Cross validation

Number of folds: 5

☒ Stratified☐ Cross validation by feature☐ Random sampling

Repeat train/test: 20

Training set size: 66 %

☒ Stratified☐ Leave one out☐ Test on train data☐ Test on test data

Evaluation results for target (None, show average over classes) ▾

| Model | AUC | CA | F1 | Prec | Recall | MCC |
|-------|-------|-------|-------|-------|--------|-------|
| kNN | 0.754 | 0.730 | 0.725 | 0.724 | 0.730 | 0.386 |
| Tree | 0.760 | 0.735 | 0.712 | 0.729 | 0.735 | 0.373 |

Compare models by: Area under ROC curve ▾

☐ Negligible diff.: 0.1

| | | |
|------|-------|-------|
| | kNN | Tree |
| kNN | | 0.558 |
| Tree | 0.442 | |

Table shows probabilities that the score for the model in the row is higher than that of the model in the column. Small numbers show the probability that the difference is negligible.

Predictions - Orange

Show probabilities for Classes in data ☒ Show classification errors Restore Original Order

| Outcome | kNN | Tree | kNN (0) | kNN (1) |
|---------|-----|------|----------|----------|
| 0 | 1 | 0 | 0.492902 | 0.507098 |
| 0 | 1 | 0 | 0.377857 | 0.622143 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0.289312 | 0.710688 |
| 0 | 0 | 0 | 0.837642 | 0.162358 |
| 0 | 0 | 0 | 0.749659 | 0.250341 |
| 1 | 1 | 1 | 0.40482 | 0.59518 |
| 0 | 0 | 0 | 0.508623 | 0.491377 |
| 0 | 0 | 0 | 0.879241 | 0.120759 |
| 1 | 1 | 1 | 0.311617 | 0.688383 |
| 0 | 0 | 0 | 0.571158 | 0.428842 |
| 0 | 1 | 1 | 0.256052 | 0.743948 |
| 0 | 0 | 0 | 0.547647 | 0.452353 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0.628933 | 0.371067 |
| 1 | 1 | 1 | 0.111094 | 0.888906 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 0 | 0.863873 | 0.136127 |
| 0 | 1 | 1 | 0.386849 | 0.613151 |
| 0 | 0 | 0 | 1 | 0 |
| 1 | 0 | 0 | 0.719453 | 0.280547 |
| 0 | 0 | 0 | 0.850125 | 0.149875 |

☒ Show performance scores Target class: (Average over classes)

653 | - 653 | 653 | -

