

File - Orange

Source

File: Downloads\Salary_Data.csv

...

Reload

URL:

File Type

Automatically detect type

Info

30 instances
2 features (no missing values)
Data has no target variable.
0 meta attributes

Columns (Double click to edit)

	Name	Type	Role	Values
1	YearsExperience	N numeric	feature	
2	Salary	N numeric	target	

Reset

Apply

Browse documentation datasets

30

Data Sampler - Orange

Sampling Type

☒ Fixed proportion of data:

70 %

☐ Fixed sample size

Instances: 1

☐ Sample with replacement

☐ Cross validation

Number of subsets: 10

Unused subset: 1

☐ Bootstrap

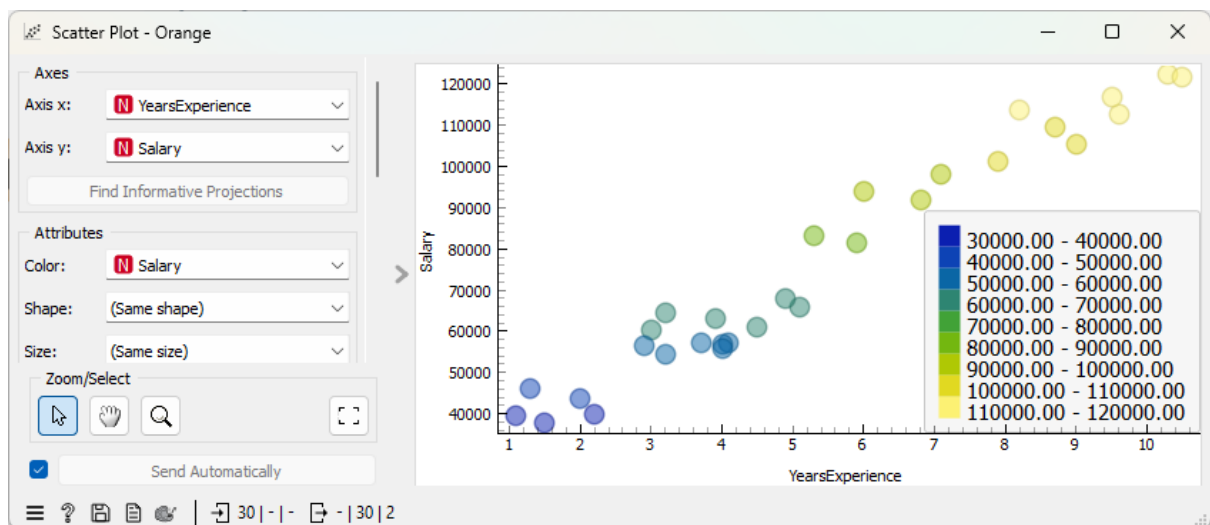
Options

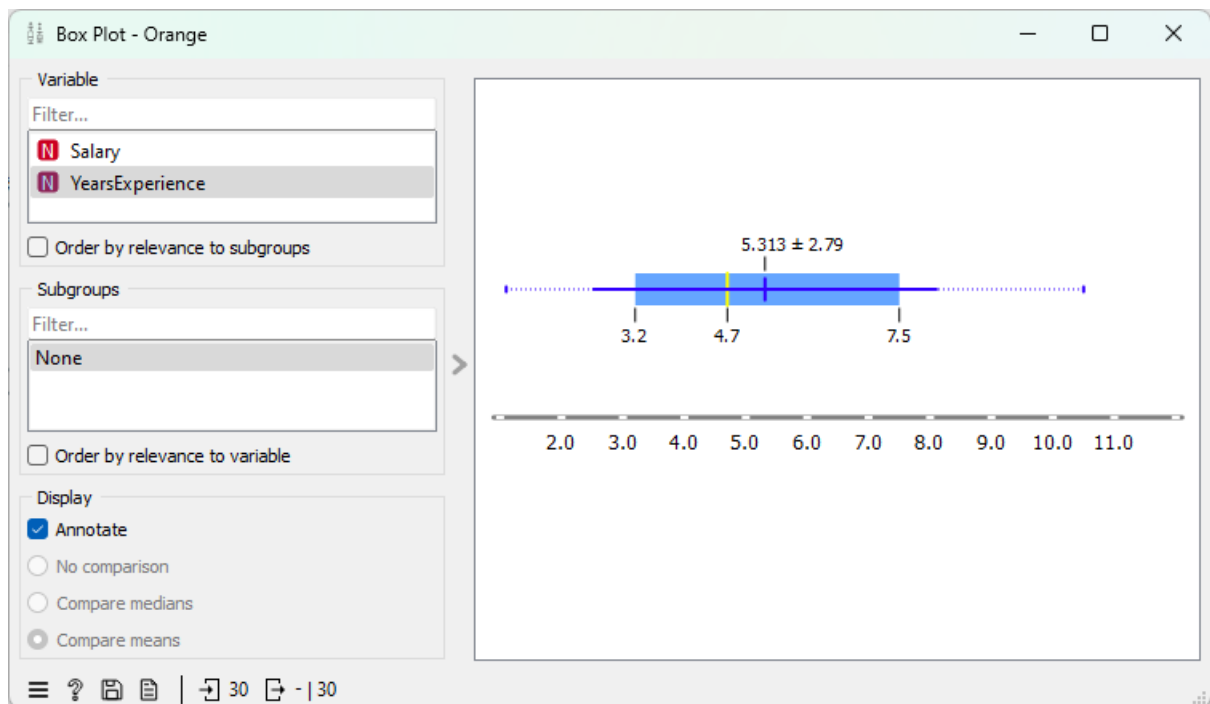
☒ Replicable (deterministic) sampling

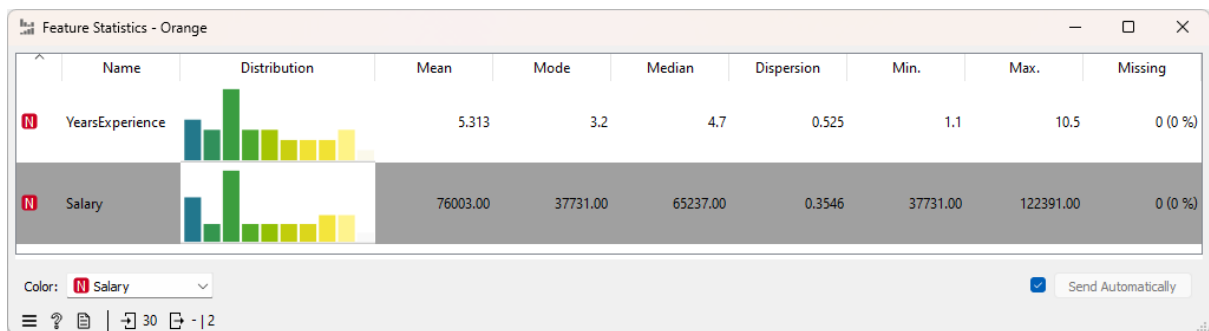
☐ Stratify sample (when possible)

Sample Data

30 21 | 9







Data Table - Orange

Info
30 instances (no missing data)
1 feature
Numeric outcome
No meta attributes.

Variables
☒ Show variable labels (if present)
☐ Visualize numeric values
☒ Color by instance classes

Selection
☒ Select full rows

☒

	Salary	YearsExperience
1	39343.00	1.1
2	46205.00	1.3
3	37731.00	1.5
4	43525.00	2.0
5	39891.00	2.2
6	56642.00	2.9
7	60150.00	3.0
8	54445.00	3.2
9	64445.00	3.2
10	57189.00	3.7
11	63218.00	3.9
12	55794.00	4.0
13	56957.00	4.0
14	57081.00	4.1
15	61111.00	4.5
16	67938.00	4.9
17	66029.00	5.1
18	83088.00	5.3
19	81363.00	5.9
20	93940.00	6.0
21	91738.00	6.8
22	98273.00	7.1
23	101302.00	7.9
24	113812.00	8.2

Linear Regression - Orange

Name

Linear Regression

Parameters

☒ Fit intercept (unchecking it fixes it to zero)

Regularization

☒ No regularization

☐ Ridge regression (L2)

☐ Lasso regression (L1)

☐ Elastic net regression

Regularization strength:

Alpha: 0.0001

Elastic net mixing:

L1

0.50 : 0.50

L2

☒ Apply Automatically

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2

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Test and Score - Orange

☒ Cross validation

Number of folds: 5

☒ Stratified

☐ Cross validation by feature

☐ Random sampling

Repeat train/test: 10

Training set size: 66 %

☒ Stratified

☐ Leave one out

☐ Test on train data

☐ Test on test data

Model	MSE	RMSE	MAE	MAPE	R2
Linear Regression	415...	6445...	568...	0.091	0.946

Compare models by: Mean square error

☐ Negligible diff.: 0.1

Linear Regression	Linear Re...
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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.

21

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21

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1x21

Stratification is ignored for regression

