

Testy algorytmów dla:

Dane treningowe: 1 i 2 zbiór danych pierwotnych

Dane testowe: 3 zbiór danych pierwotnych

Wyniki:

a) AdditiveRegression

Correlation coefficient	0.9761
Mean absolute error	1688.5963
Root mean squared error	2080.8037
Relative absolute error	21.6545 %
Root relative squared error	22.1839 %

b) Bagging

Correlation coefficient	0.9999
Mean absolute error	111.1734
Root mean squared error	142.3858
Relative absolute error	1.4257 %
Root relative squared error	1.518 %

c) DecisionTable

Correlation coefficient	0.9956
Mean absolute error	714.0324
Root mean squared error	876.7127
Relative absolute error	9.1567 %
Root relative squared error	9.3468 %

d) IBk

Correlation coefficient	1
Mean absolute error	1.3135
Root mean squared error	2.2065
Relative absolute error	0.0168 %
Root relative squared error	0.0235 %

e) MultilayerPerceptron

Correlation coefficient	0.9974
Mean absolute error	570.1278
Root mean squared error	716.6294
Relative absolute error	7.3113 %
Root relative squared error	7.6401 %

f) RandomCommittee

Correlation coefficient	0.9997
Mean absolute error	176.6571
Root mean squared error	218.3294
Relative absolute error	2.2654 %
Root relative squared error	2.3277 %

g) RandomForest

Correlation coefficient	0.9999
Mean absolute error	105.6063
Root mean squared error	136.2679
Relative absolute error	1.3543 %
Root relative squared error	1.4528 %

h) RandomizableFilteredClassifier

Correlation coefficient	1
Mean absolute error	1.3135
Root mean squared error	2.2065
Relative absolute error	0.0168 %
Root relative squared error	0.0235 %

i) RandomTree

Correlation coefficient	0.9997
Mean absolute error	176.6571
Root mean squared error	218.3294
Relative absolute error	2.2654 %
Root relative squared error	2.3277 %

j) REPTree

Correlation coefficient	0.9997
Mean absolute error	181.9767
Root mean squared error	222.8701
Relative absolute error	2.3337 %
Root relative squared error	2.3761 %

k) Neural network

Mean absolute error:	861.4119591414386
Root mean squared error:	1472.134652634694
Relative absolute error:	5.941922502989519%
Root relative squared error:	10.154618736242194%