

Overall result information:

```
----- DATA -----
Training data shape : (5000, 54)
Test data shape    : (1000, 54)
----- KNN -----
R2 score : -0.08476291181011297
Mean Absolute Error : 0.828
Root Mean Squared Error: 1.33566462856512
----- BASELINES -----
Dummy Classifier cross-validation score:
Mean      : 0.48179999999999995
Standard Deviation : 0.00040000000000000034

C:\Users\ewier\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.9_qbz5n2kfra8p0\LocalCache\local-packages\Python39\site-packages\sklearn\linear_model\logistic.py:444: ConvergenceWarning: lbfgs failed to converge (status=1):
STOP: TOTAL NO. of ITERATIONS REACHED LIMIT.

Increase the number of iterations (max_iter) or scale the data as shown in:
https://scikit-learn.org/stable/modules/preprocessing.html
Please also refer to the documentation for alternative solver options:
https://scikit-learn.org/stable/modules/linear_model.html#logistic-regression
n_iter_i = _check_optimize_result(
C:\Users\ewier\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.9_qbz5n2kfra8p0\LocalCache\local-packages\Python39\site-packages\sklearn\linear_model\logistic.py:444: ConvergenceWarning: lbfgs failed to converge (status=1):
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https://scikit-learn.org/stable/modules/linear_model.html#logistic-regression
n_iter_i = _check_optimize_result(
Logistic regression cross-validation score:
Mean      : 0.6164
Standard Deviation : 0.006406246951218793

----- NEURAL NETWORK -----
Neural network evaluation:
Loss      : 0.7605598568916321
Accuracy  : 0.7170000076293945
```

Relevant results by stage:

Data:

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Training data shape : (5000, 54)
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KNN:

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Mean Absolute Error : 0.828
Root Mean Squared Error: 1.33566462856512
----- BASELINES -----
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Baselines:

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Dummy Classifier cross-validation score:
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Mean          : 0.6164  
Standard Deviation : 0.006406246951218793
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Neural network:

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Neural network evaluation:  
Loss      : 0.7605598568916321  
Accuracy  : 0.7170000076293945
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