BPFIM

Model: "sequential"

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Layer (type) Output Shape Param #

=================================================================

dense (Dense) (None, 128) 1408

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

dense\_1 (Dense) (None, 64) 8256

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dense\_2 (Dense) (None, 32) 2080

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dense\_3 (Dense) (None, 1) 33

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Total params: 11,777

Trainable params: 11,777

Non-trainable params: 0

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Train with North data:

North pulley

Train Score: 7.48 RMSE

Test Score: 18.65 RMSE

South pulley

Train Score: 38.24 RMSE

Test Score: 23.71 RMSE

North data South data

Chart, histogram

Description automatically generatedChart, histogram

Description automatically generated

Train with South data:

North pulley

Train Score: 15.43 RMSE

Test Score: 21.89 RMSE

South pulley

Train Score: 25.37 RMSE

Test Score: 29.41 RMSE

North data South data

Chart, histogram

Description automatically generatedChart, histogram

Description automatically generated