

Hyperparameters-tuning

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Results summary:

date	2024-04-13	2024-04-14-1	2024-04-14-2	2024-04-17		Next?
model #	35	57	115	27		?
lstm_nodes_1	20	20	40	40		20
lstm_nodes_2	20	30	40	40		30
lstm_nodes_3	missing-info	30	40	40		30
lstm_nodes_4	N/A	N/A	30	40		N/A
dense_nodes_1	20	20	20	30		20
dropout	0.05	0.05	0.05	0.05		0.05
lstm_activation	sigmoid	tanh	sigmoid	tanh		tanh
dense_activation	tanh	tanh	tanh	tanh		tanh
loss	MSE	MSE	MSE	MSE		MSE
optimizer	adam	adam	adam	adam		adam
learning_rate	0.001	0.0001	0.0005	0.0001		0.00005
batch_size	32	54	64	64		64
stopped_epoch	699	699	1299	2499		?
early_stopping_monitor	val_loss	val_loss	val_loss	val_loss		val_loss
patience	200	200	300	500		1000
start_from_epoch	500	500	1000	2000		2000
Train Score [RMSE]	1014.02	1008.63	1027.58	1013.46		?
Validation Score [RMSE]	1686.99	1664.94	1673.55	1683.36		?
Test Score [RMSE]	1843.42	1841.65	1807.37	1863.09		?
# of Monte Carlo Replications	N/A	N/A	N/A	N/A		20

