

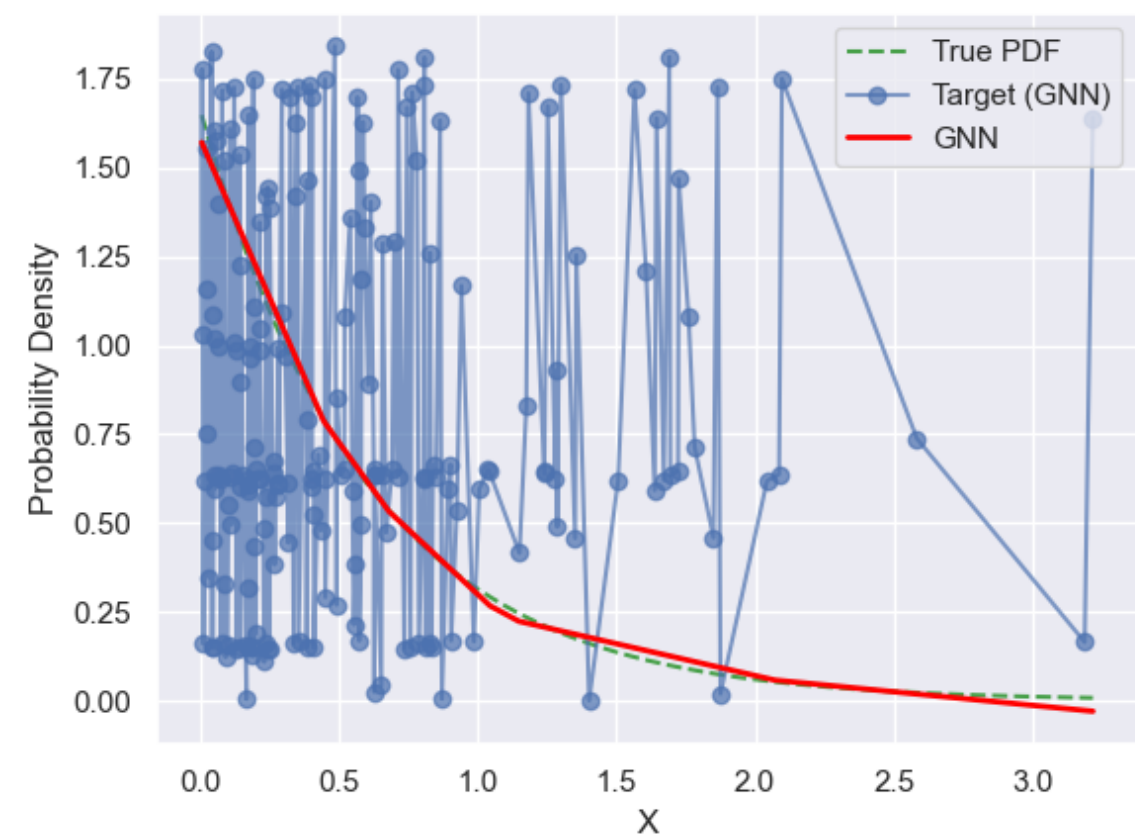
Experiment Details Experiment C25 S250

from experiment with GNN on 2024-05-23 16-28

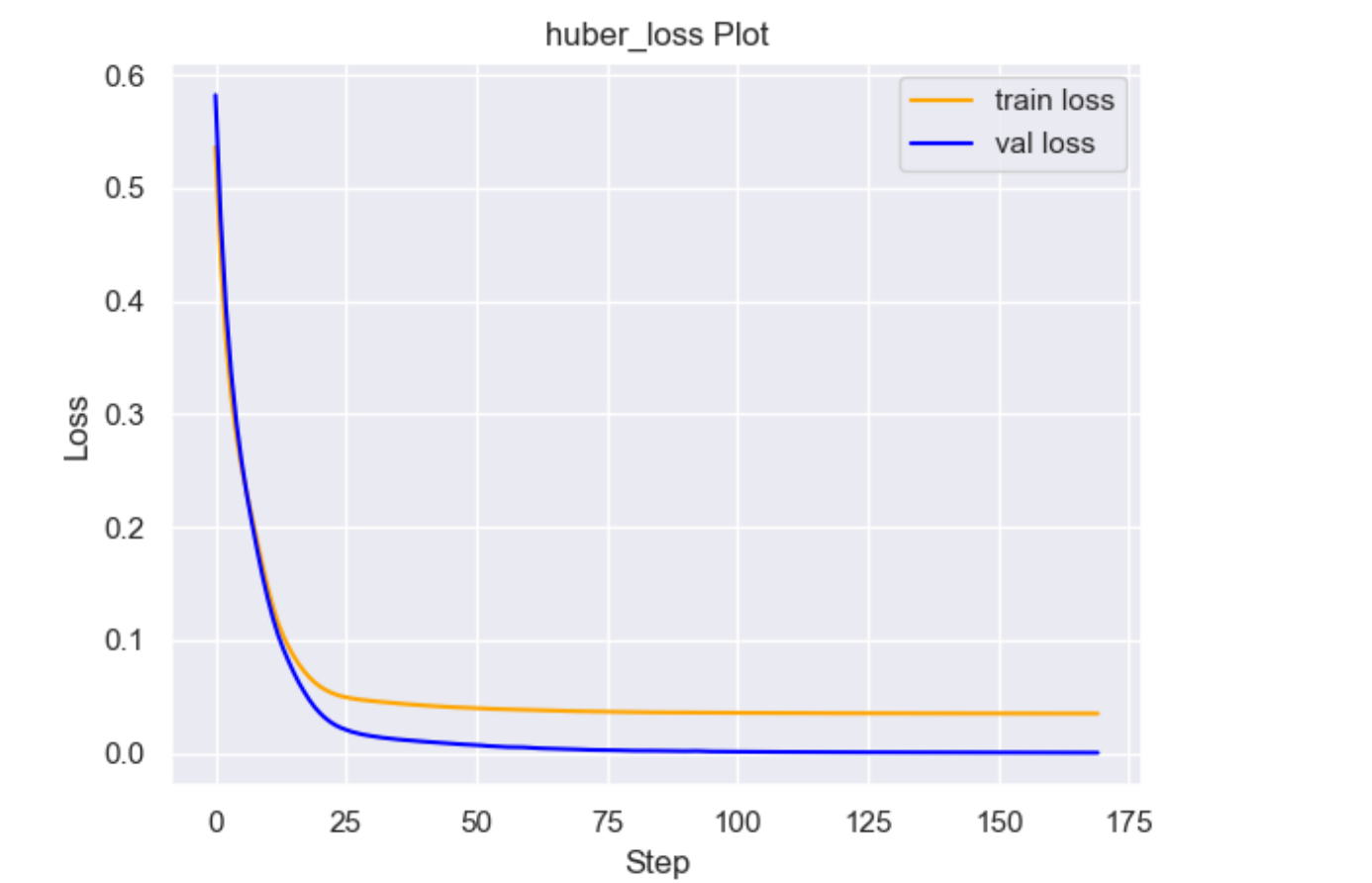
Metrics:

type	r2	mse	max_error	ise	kl	evs
Target	0.6689535849	0.0762224021	1.2035861518	0.1524448042	0.0462480869	0.6689539511
Model	0.9978	0.0004	0.0766	0.0116	10000000000.0	0.9978

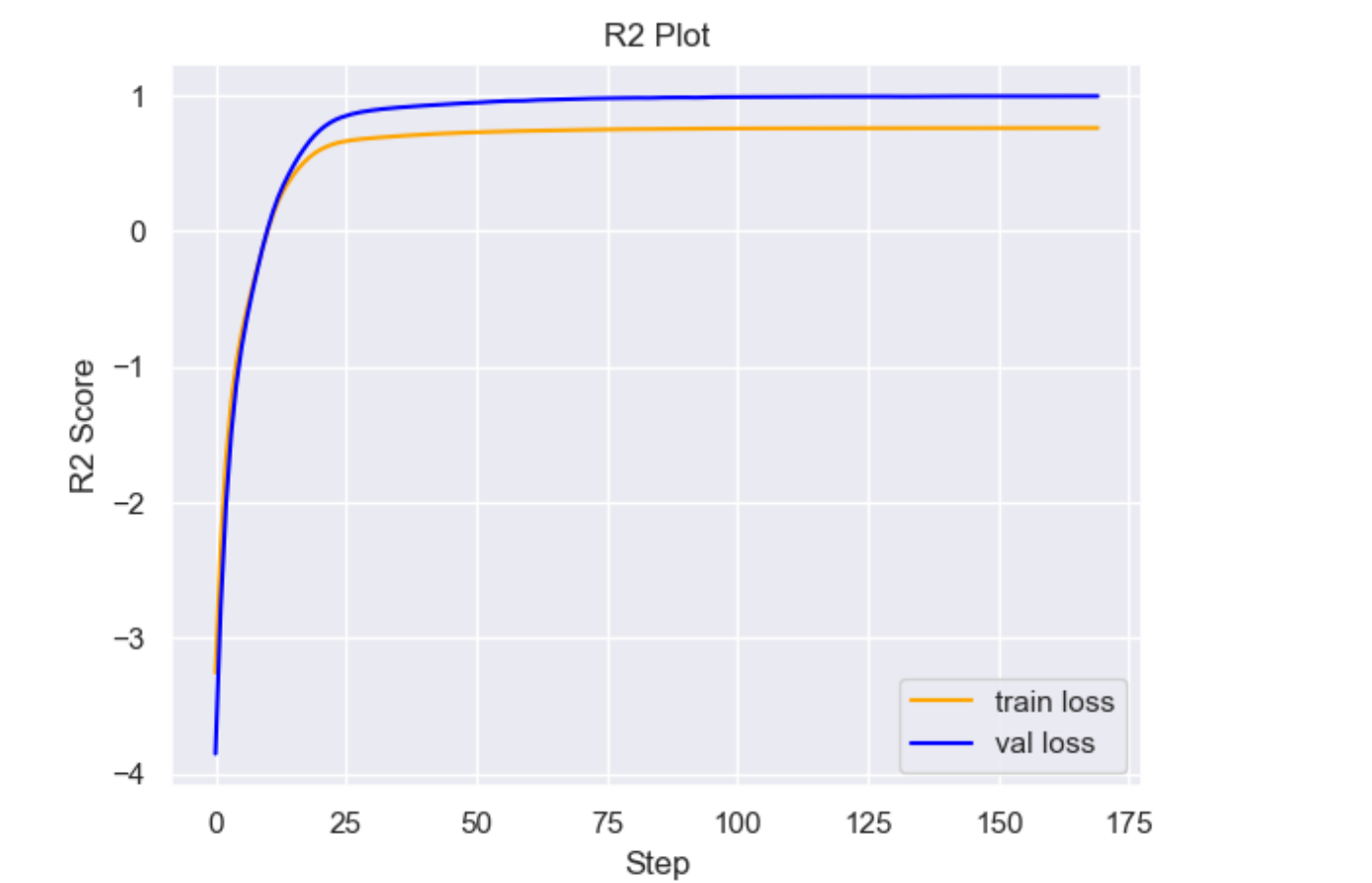
Plot Prediction



Loss Plot



Training Metric Plot



Dataset

► PDF set as default **EXPONENTIAL_06**

Dimension 1

type	rate	weight
exponential	0.6	1
KEY		VALUE
dimension		1
seed		18
n_samples_training		200
n_samples_test		3210
n_samples_val		50
notes		

Target

- Using GNN Target
- All Params used in the model for generate the target for the MLP

KEY	VALUE
n_init	90
max_iter	40
n_components	25
random_state	64
init_params	random

Model

using model GNN

Model Params:

► All Params used in the model

KEY	VALUE
dropout	0.0
hidden_layer	[(32, ReLU())]
last_activation	None

► Model Architecture

NeuralNetworkModular((dropout): Dropout(p=0.0, inplace=False) (output_layer): Linear(in_features=32, out_features=1, bias=True) (layers): ModuleList((0): Linear(in_features=1, out_features=32, bias=True)) (activation): ModuleList((0): ReLU()))

Training

► All Params used for the training

KEY	VALUE
learning_rate	0.00519
epochs	170
loss_type	huber_loss
optimizer	Adam
batch_size	78