

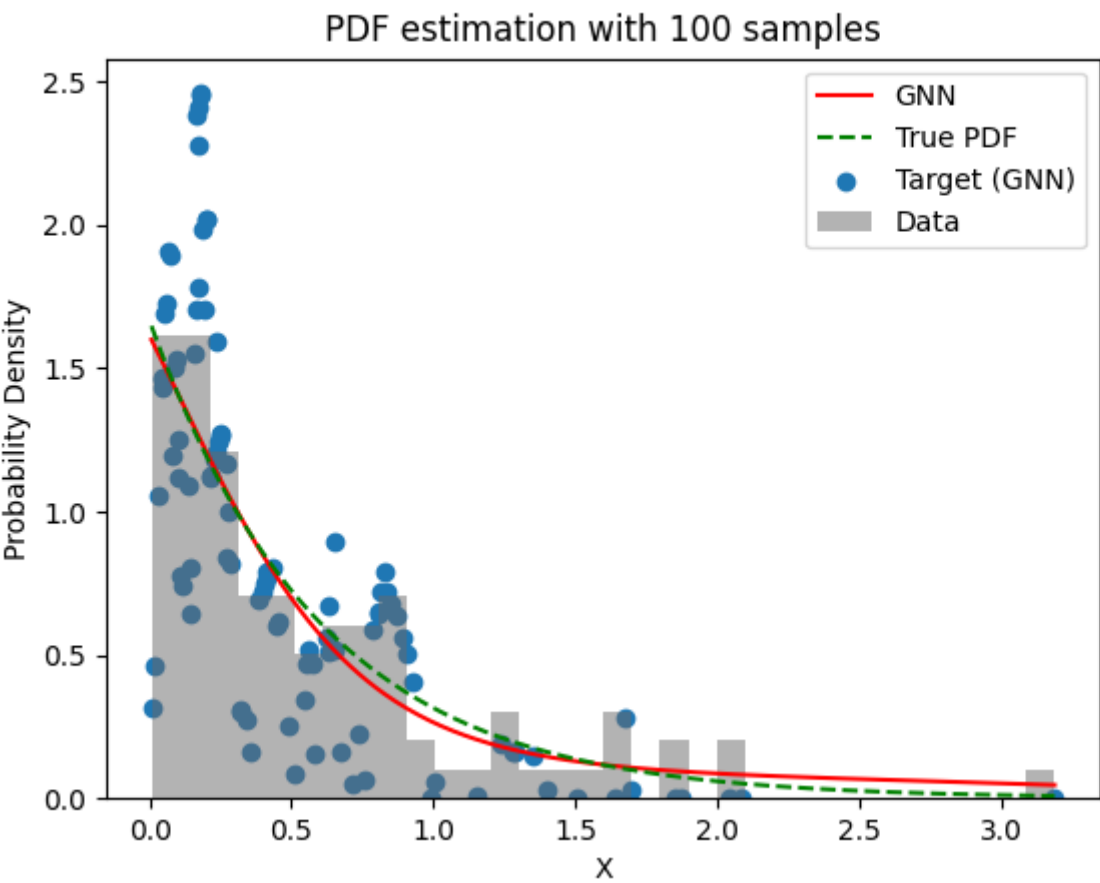
Experiment Details Experiment C13 S150

from experiment with GNN on 2024-04-12 11-01

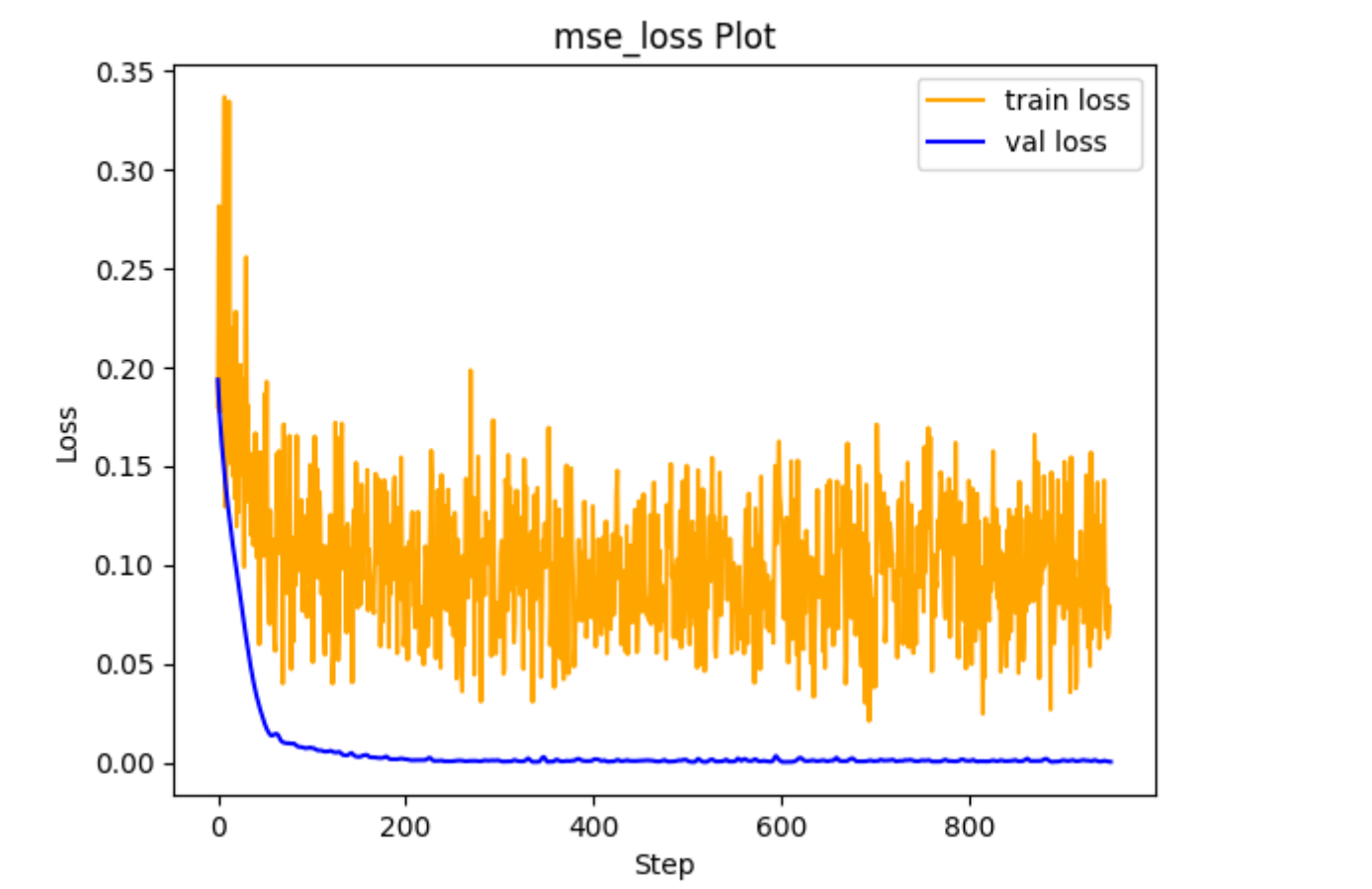
Metrics:

type	r2	mse	max_error	ise	kl	evs
Target	0.0933123659	0.2013098099	1.313181931	0.2013098099	100000	0.0938583106
Model	0.9926	0.0012	0.0557	0.0038	0.0239	0.9927

Plot Prediction



Loss Plot



Dataset

► PDF set as default **EXPONENTIAL_06**

Dimension 1

type	rate	weight
exponential	0.6	1
KEY		VALUE
dimension		1
seed		54
n_samples_training		100
n_samples_test		319
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_components	13
n_init	70
max_iter	80
init_params	kmeans
random_state	15

Model

using model GNN

Model Params:

► All Params used in the model

KEY	VALUE
dropout	0.0
hidden_layer	[(14, Tanh())]
last_activation	None

► Model Architecture

LitModularNN((neural_netowrk_modular): NeuralNetworkModular((dropout): Dropout(p=0.0, inplace=False) (output_layer): Linear(in_features= 14, out_features=1, bias=True) (layers): ModuleList((0): Linear(in_features=1, out_features=14, bias=True)) (activation): ModuleList((0): Tanh())))

Training

► All Params used for the training

KEY	VALUE
epochs	950
batch_size	76
loss_type	mse_loss
optimizer	RMSprop
learning_rate	0.0025