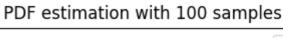# Experiment Details Experiment S100

> from experiment with KNN on 2024-04-12 10-39

Metrics:

type	r2	mse	max_error	ise	kl	evs
Model	0.9138	0.0138	0.801	314.8277	0.702	0.9219

Plot Prediction

Dataset

▶ PDF set as default **EXPONENTIAL_06**

Dimension 1

type	rate	weight
exponential	0.6	1
KEY		**VALUE**

KEY	VALUE
dimension	1
seed	55
n_samples_training	100
n_samples_test	319
n_samples_val	0
notes	

Model

> using model KNN

Model Params:

▶ All Params used in the model

KEY	VALUE
k1	3.1153372021501275
kn	23

▶ Model Architecture

KNN_Model(k1=3.1153372021501275, kn=31, training=array([1.40171379, 0.16787657, 0.87159631, 1.87457757, 0.62793651, 0.65341418, 0.23213689, 0.09226395, 0.18910752, 0.2477912 , 0.13414582, 0.73625152, 0.25025202, 0.04624629, 0.41119227, 0.75852411, 0.14275797, 0.38493404, 0.19314673, 0.17816833, 0.83451839, 0.04381701, 0.81260279, 0.16802947, 0.09944154, 0.01268385, 0.78903411, 0.33812286, 0.23865375, 0.07778016, 0.82550931, 3.18592968, 0.9869195 , 0.35551452, 0.57396167, 0.90477683, 0.19924129, 0.55489334, 0.49264296, 0.45180885, 0.1732698 , 0.0854885 , 0.03280387, 0.269169 , 0.5609756 , 1.15097547, 0.19754532, 0.31861177, 0.04544322, 1.35112714, 1.84944674, 0.67073526, 0.43615841, 0.22813133, 1.28695043, 0.1127394 , 0.58049963, 0.41068976, 0.92503214, 0.10256996, 0.272687 , 0.23965543, 0.54905109, 0.17658007, 1.63758627, 0.89284367, 1.00584052, 0.05587931, 0.40415771, 0.14621937, 0.17174579, 0.27784533, 0.31684234, 0.28338056, 0.01723291, 1.50578903, 2.04245358, 1.67078857, 0.40119496, 0.07615496, 0.80551719, 0.1727813 , 0.44991063, 0.21499224, 0.21251113, 1.28012532, 0.80365516, 0.11162106, 0.85047208, 0.71241097, 0.65517357, 1.69408143, 0.05444696, 0.50771615, 0.62668403, 0.62952443, 0.06908168, 2.08562376, 0.15485452, 1.24041262]))