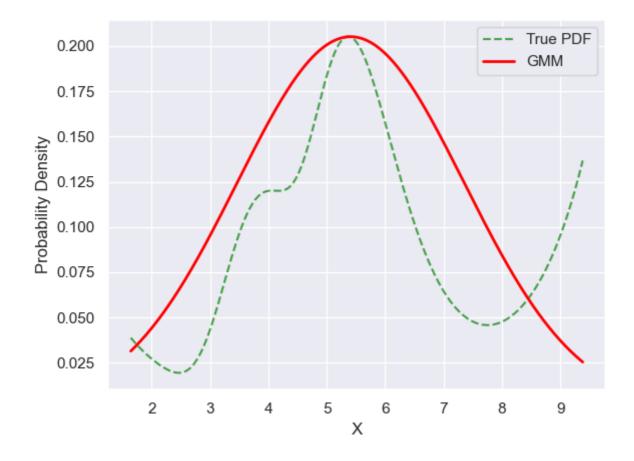# Experiment Details Experiment S10

> from experiment with GMM on 2024-05-23 17-17

Metrics:

type	r2	mse	max_error	ise	kl	evs
Model	0.1837	0.0024	0.1113	43.9243	0.1706	0.4851

Plot Prediction

Dataset

▶ PDF set as default **MULTIVARIATE_1254**

Dimension 1

type	rate	weight	
exponential	1	0.2	
logistic	4	0.8	0.25

type	rate	weight	
logistic	5.5	0.7	0.3
exponential	-1	0.25	-10

KEY	VALUE
dimension	1
seed	37
n_samples_training	10
n_samples_test	775
n_samples_val	0
notes	

Model

> using model GMM

Model Params:

▶ All Params used in the model

KEY	VALUE
random_state	95
init_params	kmeans
n_components	1
n_init	60
max_iter	100

▶ Model Architecture

GaussianMixture(n_init=60, random_state=95)