

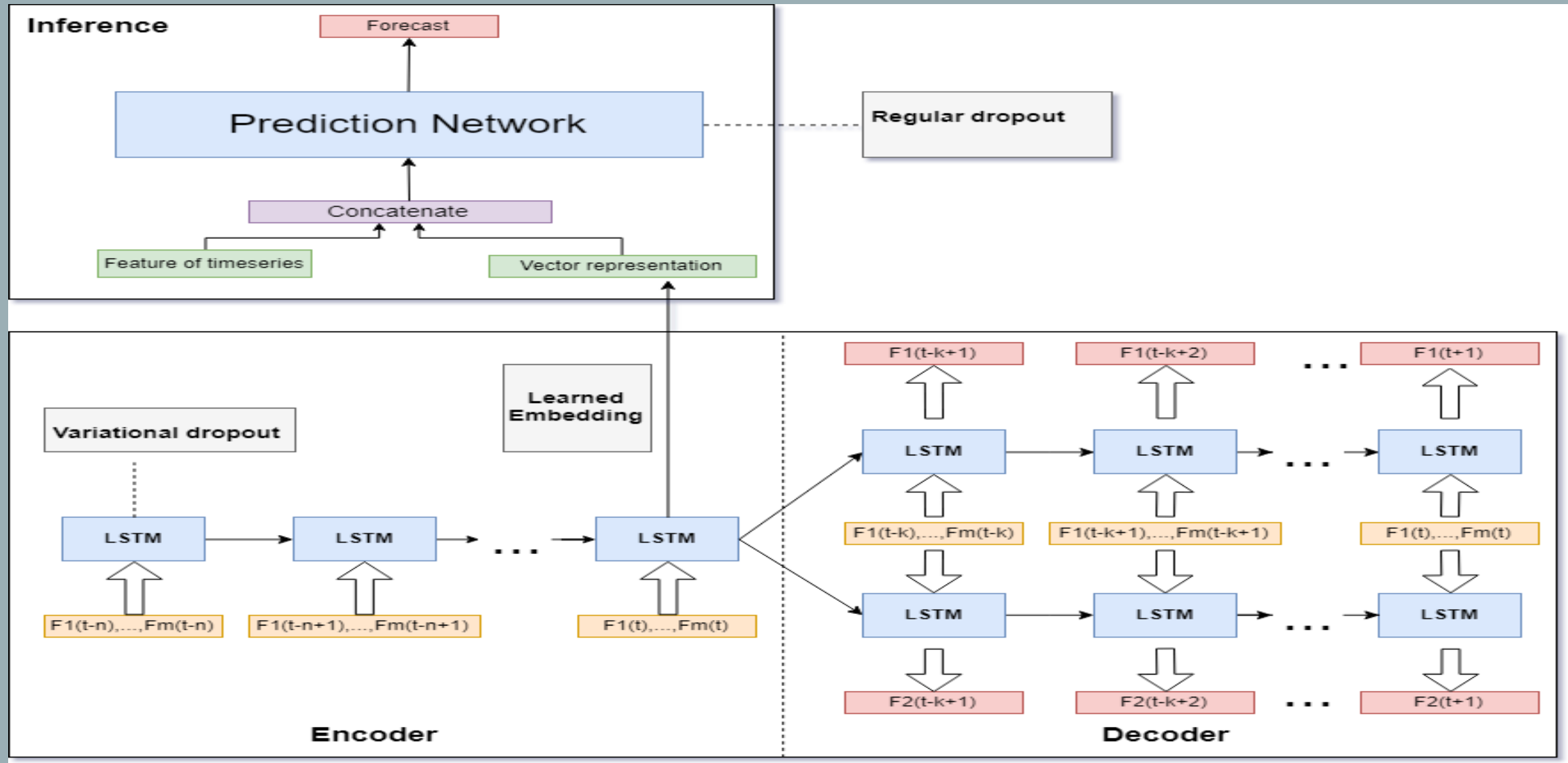
BNN

OUTLINES

Model

Results

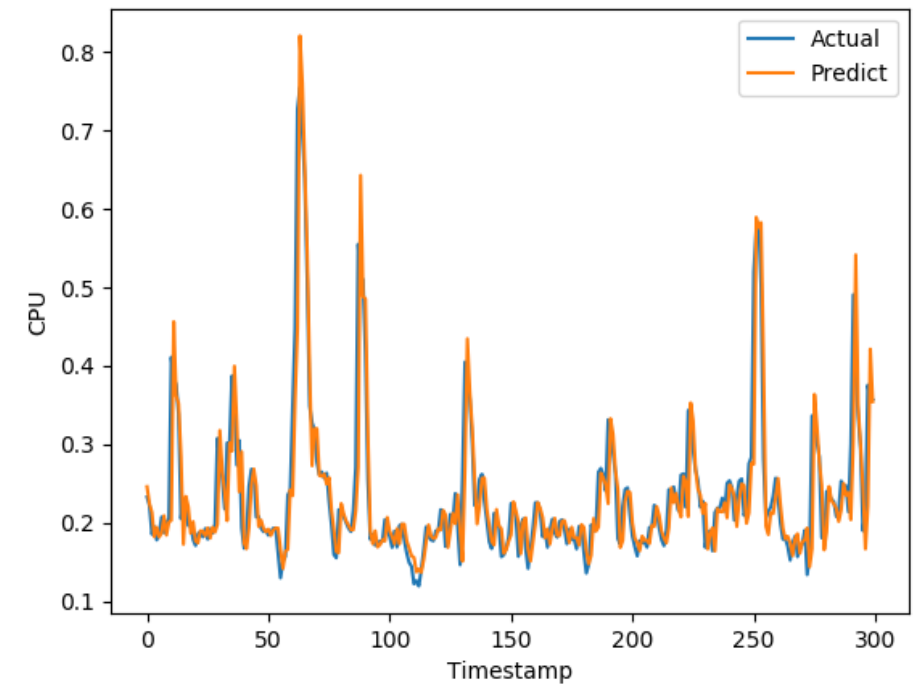
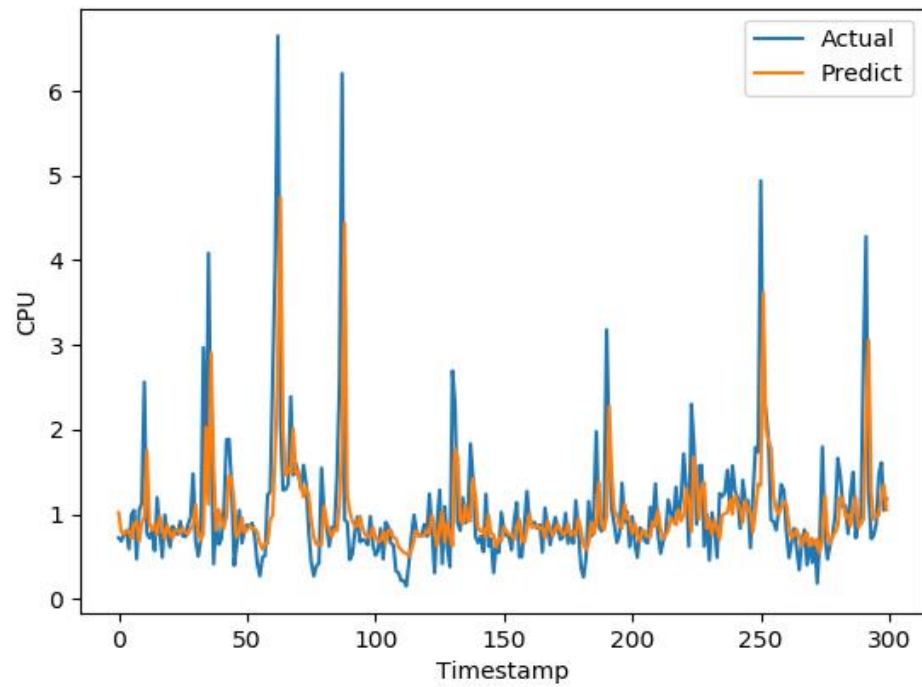
MODEL



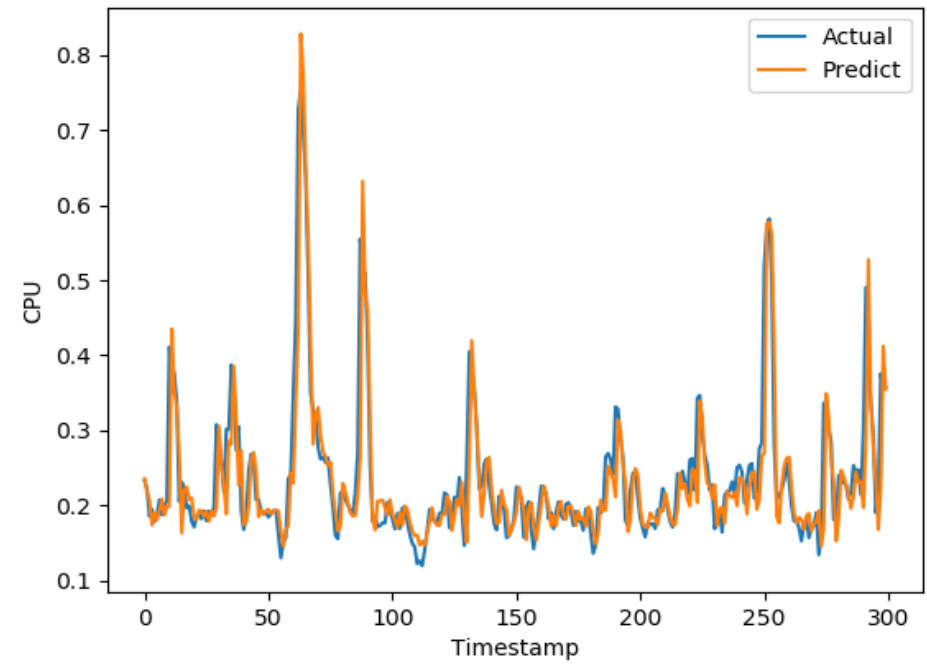
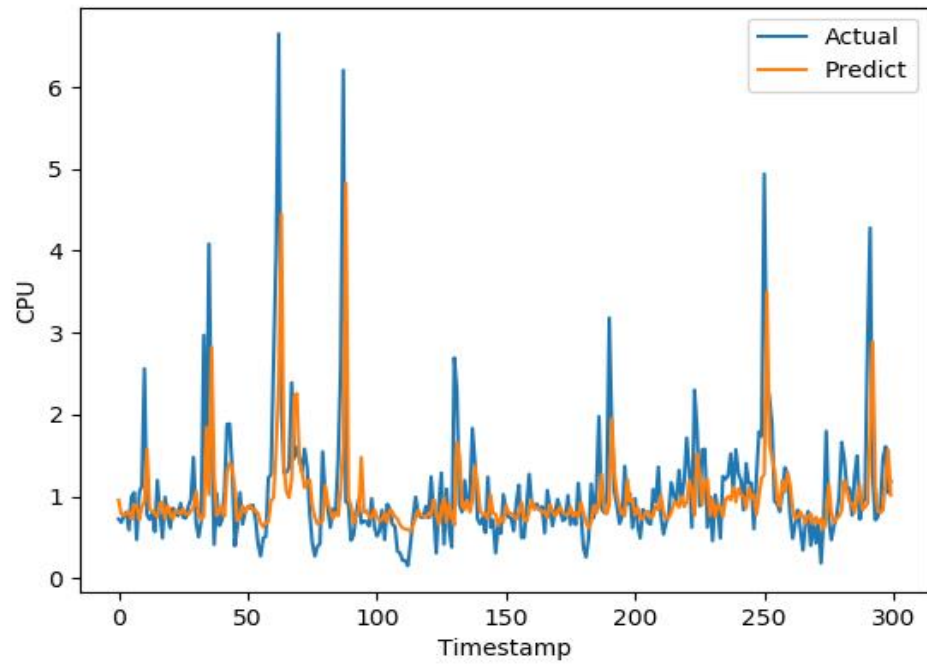
RESULTS

	CPU		MEM	
	Sliding = 18	Sliding = 24	Sliding = 18	Sliding = 24
Multivariate	0.2883	0.2887	0.0194	0.0196
Fuzzy multivariate	0.2889	0.2903	0.0197	0.0199
Univariate	0.3071	0.3036	0.02	0.02
Fuzzy univariate	0.2927	0.29	0.02	0.02

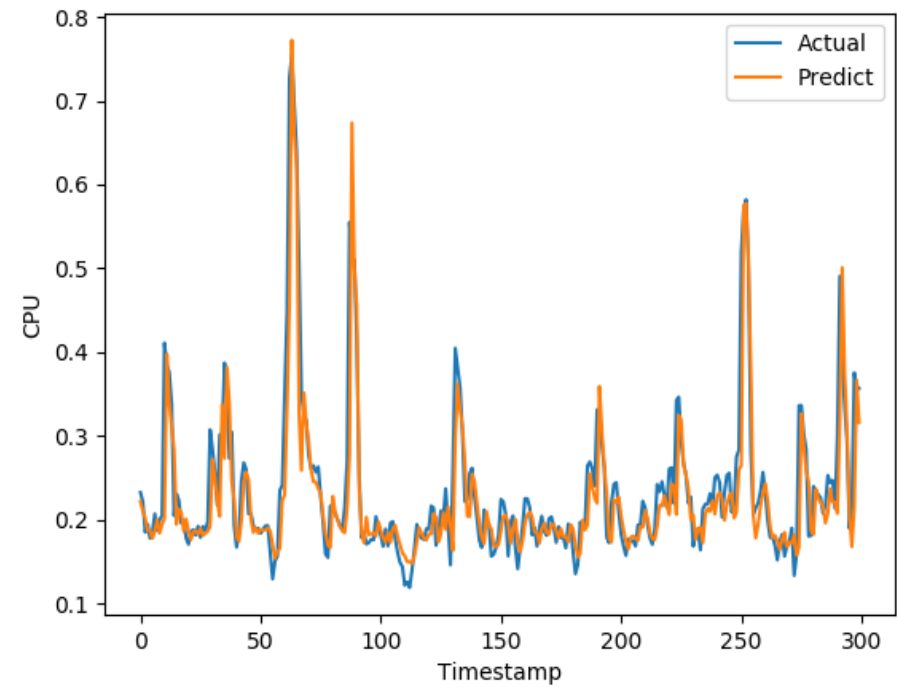
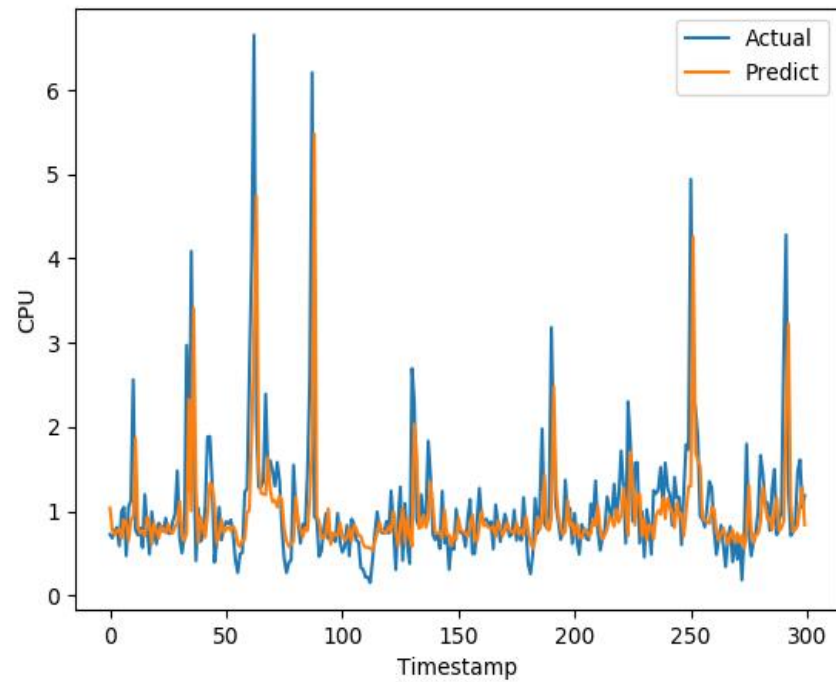
RESULTS



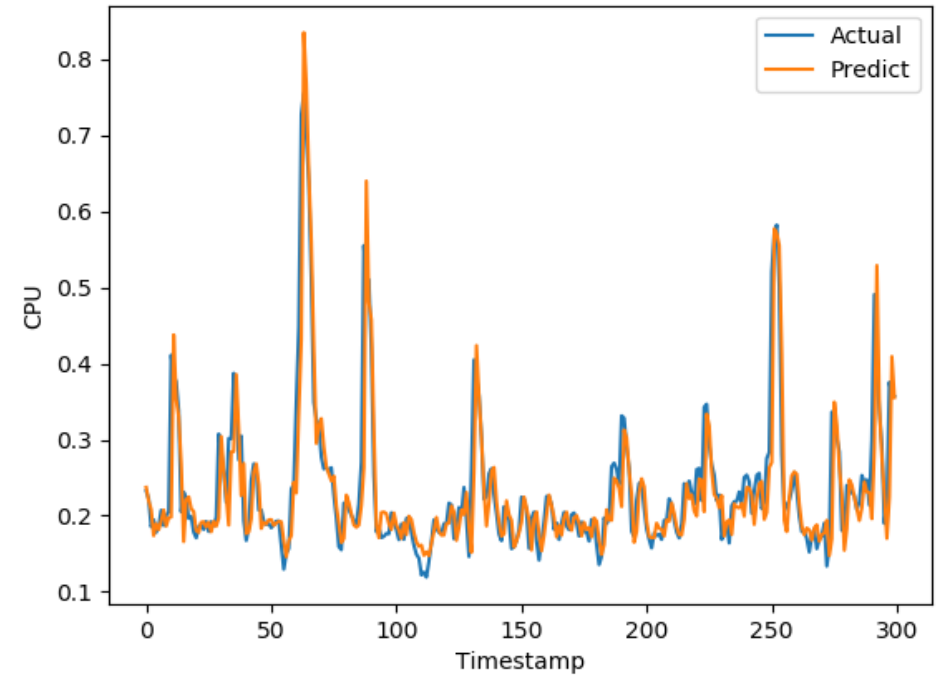
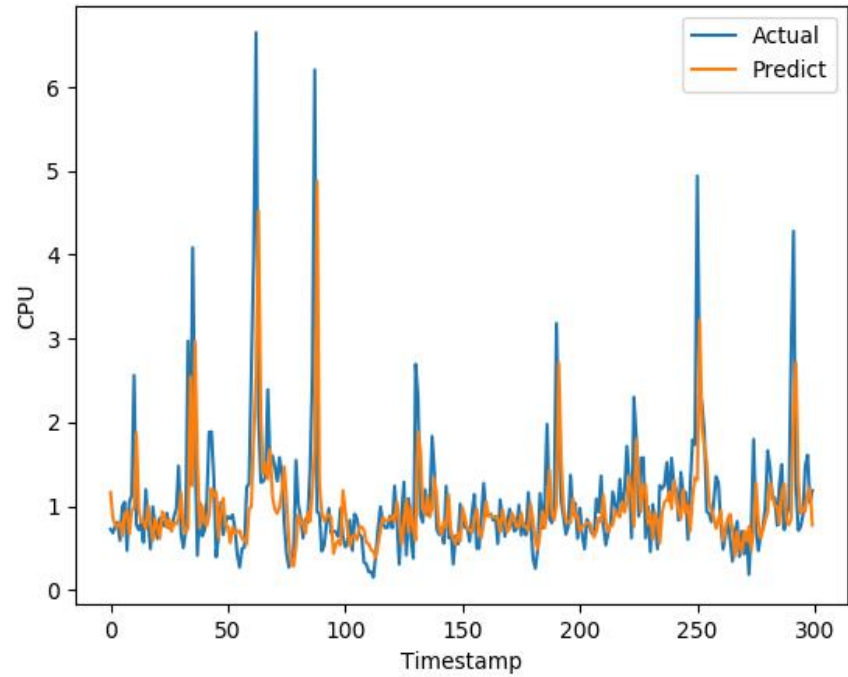
RESULTS



RESULTS

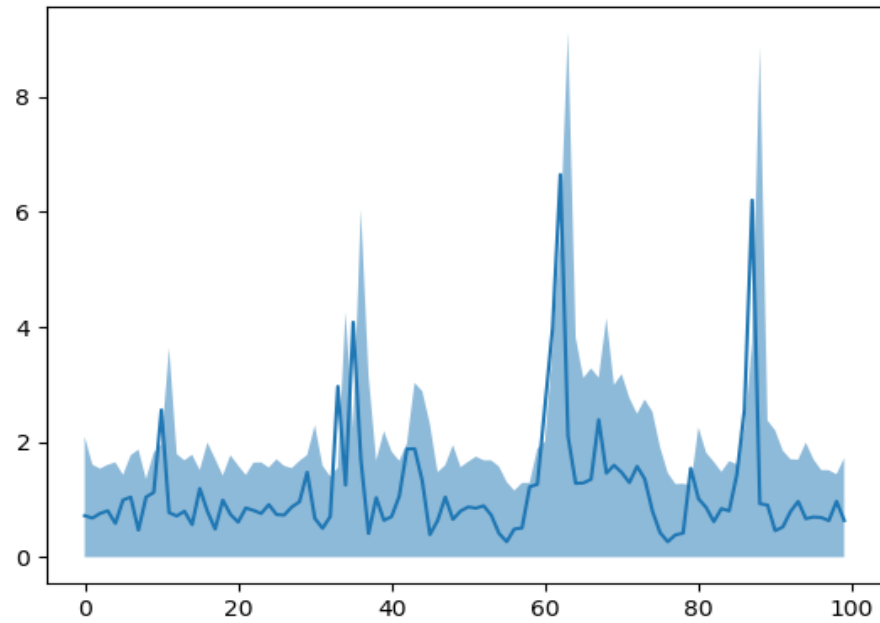


RESULTS

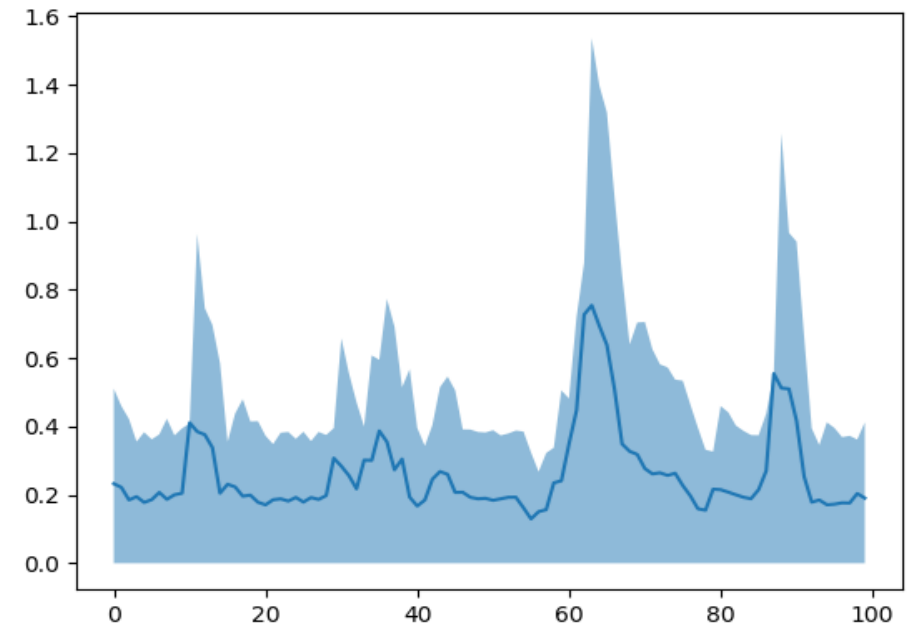


RESULTS

Uncertainty



CPU



Mem

COST EVALUATION

Time for training

CPU	Mem
5520.159829854965	8492.273421287537

QUICK SURVEY

1. LSTM (encoder - decoder) + ANN (forecaster) :
<https://arxiv.org/pdf/1709.01907.pdf>
2. LSTM (encoder - decoder) + LSTM(forecaster):
<https://eng.uber.com/neural-networks/>
3. Time series: <https://github.com/danielgy/Paper-List-of-Time-Series-Forecasting-with-Deep-Learning>