

Temperature

	MAE	#Params
MLP	0.159	18305
CNN	0.156	16961
LSTM	0.146	17217

Humidity

	MAE	#Params
MLP	0.827	18305
CNN	0.679	16961
LSTM	0.677	17217

Temperature + Humidity

	MAE (T)	MAE (H)	#Params	TFLite (KB)	Inf Lat (ms)
MLP	0.222	0.689	18434	74	0.022
CNN	0.165	0.766	17026	70	0.023
LSTM	0.168	0.650	17282	70	0.161

KeywordSpotting STFT

	Acc.	#Params
MLP	75.25	396040
CNN	86.85	298632
DS-CNN	90.38	143112

KeywordSpotting MFCC

	Acc.	#Params
MLP	76.00	259336
CNN	93.12	298632
DS-CNN	92.75	143112

KeywordSpotting STFT w/ silence

	Acc.	#Params	TFLite (MB)	Inf Lat (ms)	Prep ms
MLP	76.11	396297	1.5	0.41	35
CNN	88.22	298761	1.1	10.37	
DS-CNN	88.78	143369	0.5	6.95	

KeywordSptting MFCC w/ silence

	Acc.	#Params	TFLite (MB)	Inf Lat (ms)	Prep ms
MLP	80.11	259593	1.0	0.26	115
CNN	92.78	298761	1.1	7.44	
DS-CNN	93.11	141833	0.5	4.92	