Algorithm	Algorithm	AUC	Accuracy	F1 Score	F1 Score
type				Micro	Macro
	Long Short Term Memory	0.88	78.84%	0.80	0.76
	Long Short Term	0.73	70.00%	0.70	0.62
	Memory Auto-				
	Encoders				
Deep	Convolution	0.75	70.98%	0.71	0.66
Learning	Long Short Term				
without	Memory				
Nature					
Inspired					
Algo-					
rithms		0.05	22.2207		
	Convolution	0.87	80.32%	0.80	0.78
	Long Short Term				
	Memory Auto-				
	Encoders	0.07	0004		
	Bi-Directional	0.85	77.99%	0.78	0.75
	Long Short Term				
	Memory Auto-				
	Encoders	0.75	70.4007	0.70	0.69
	Long Short Term Memory with	0.75	70.42%	0.70	0.63
Deep	Memory with Bat Algorithm				
Learn-	Dat Algorithm				
ing with					
Nature					
Inspired	Long Short Term	0.85	81.57%	0.79	0.76
Algo-	Memory with				
rithms	Grey Wolf opti-				
	mizer Algorithm				

Table 1: Comparison among different Models implemented so far

Methods	Area Under ROC Curve	Accuracy
Logistic Regression	0.54	58.09%
Support Vector Machines	0.54	59.37%
Decision Tree	0.52	55.68%
Random Forest	0.53	60.49%

Table 2: Comparison with Baseline Models  $\,$