

Models	F1 Score	F1 Accuracy	Pretain Or No
MLP	0.653 \pm 0.008	0.682 \pm 0.010	No Pretain
TA-MLP	0.722 \pm 0.020	0.734 \pm 0.015	Pretain
LSTM	0.687 \pm 0.013	0.705 \pm 0.014	Pretain
B-LSTM	0.696 \pm 0.007	0.711 \pm 0.008	Pretain
CNN	0.747 \pm 0.011	0.760 \pm 0.016	No Pretain
CNN-LSTM	0.711 \pm 0.017	0.737 \pm 0.022	Pretain
B-CNN-LSTM	0.712 \pm 0.031	0.731 \pm 0.026	Pretain
Random	0.336 \pm 0.001	0.336 \pm 0.001	N/A
Majority	0.243 \pm 0.0	0.415 \pm 0.0	N/A