## models-comparison

Dataset	Model	Architecture	Seq. length Lea	rning rate Epochs	s Test Accuracy
		LSTM (Hidden=32,			
	SingleLabel	Layers=1), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	100	1E-03	250 92.78%
		LSTM (Hidden=32,			
	SingleLabel	Layers=1), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	250 94.40%
		LSTM (Hidden=32,			
	SingleLabel	Layers=1), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	300 93.34%
		LSTM (Hidden=16,			
	SingleLabel	Layers=5), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	250 37.81%
		LSTM (Hidden=16,			
	SingleLabel	Layers=2), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	250 90.99%
		LSTM (Hidden=64,			
	SingleLabel	Layers=1), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	250 46.12%
Dataset	Model	Architecture	Seq. length Lea	rning rate Epochs	
Dalasel	Model		Seq. letigiti Lea	ITIIIII Tale Lipouris	s restricturacy
		CNN(3 convolutions			
		(32,32,1 channels) LSTM (Hidden=32,			
	SingleLabel	Layers=1), 2 fc,			
aa.us.csv	CNN+LSTM	dropout = 0.3	50	1E-03	30 42.98%
	31111 LO / W	CNN (3 convolutions			00 12.0070
		(64,32,1 channels)			
		LSTM (Hidden=32,			
	SingleLabel	Layers=1), 2 fc,			
aa.us.csv	CNN+LSTM	dropout = 0.3	50	1E-04	7 82.44%
		CNN (3 convolutions			
		(64,32,1 channels)			
		LSTM (Hidden=32,			
	SingleLabel	Layers=1), 2 fc,			
aa.us.csv	CNN+LSTM	dropout = 0.4	50	1E-04	9 88.47%
		CNN (3 convolutions			
		(64,32,1 channels)			
		LSTM (Hidden=32,			
	SingleLabel	Layers=1), 2 fc,			
aa.us.csv	CNN+LSTM	dropout = 0.5	50	1E-04	11 77.40%
		CNN (3 convolutions			
		(64,32,1 channels)			
		LSTM (Hidden=32,			
	SingleLabel	Layers=1), 2 fc,	00	45.04	7 05 500/
aa.us.csv	CNN+LSTM	dropout = 0.3	30	1E-04	7 85.59%
		CNN (3 convolutions			
		(64,32,1 channels)			
	Cinalal ab -1	LSTM (Hidden=32,			
aa.us.csv	SingleLabel CNN+LSTM	Layers=3), 2 fc, dropout = 0.3	30	1E-04	7 18.65%
Dataset	Model	Architecture	Seq. length Lea	rning rate Epochs	Test Accuracy
		LSTM (Hidden=32,			
	MultiLabel	Layers=1), 2 fc,		.=	
aa.us.csv	LSTM	dropout = 0.3	100	1E-03	100 79.49%
		LSTM (Hidden=32,			
	MultiLabel	Layers=1), 2 fc,		.=	
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	250 92.18%
		LSTM (Hidden=32,			
	MultiLabel	Layers=1), 2 fc,		.=	05 000/
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	300 <b>95.92%</b>
		LSTM (Hidden=16,			
	MultiLabel	Layers=5), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	60 44.27%
		LSTM (Hidden=16,			
	MultiLabel	Layers=2), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	250 82.21%
		LSTM (Hidden=64,			
	MultiLabel	Layers=1), 2 fc,			
aa.us.csv	LSTM	dropout = 0.3	50	1E-03	250 91.65%













