Best Runs means stopping the model training when we get maximum test accuracy End Runs means training the model for 50 epochs The avg is calculated by training the model for 15 experimental runs The results are mentioned for cases with maximum training/test accuracy in either case of Best/End runs **Bi-LSTM** Model Number **TestAUC** TestAccuracy TrainAUC TrainAccuracy Max Training Accuracy 0.878 0.741 3 0.862 0.668 **Best Runs** Max Test Accuracy 12 0.915 0.902 0.666 0.613 Avg results 0.864 0.843 0.693 0.635 Max Training Accuracy 0.853 0.838 0.715 0.646 14 **End Runs** Max Test Accuracy 0 0.866 0.849 0.646 0.715 Avg results 0.697 0.697 0.693 0.635 **LSTM** Model Number **TestAUC** TestAccuracy **TrainAUC** TrainAccuracy Max Training Accuracy 13 0.845 0.801 0.668 0.733 **Best Runs** Max Test Accuracy 7 0.902 0.848 0.688 0.637 Avg Results 0.801 0.692 0.828 0.641 Max Training Accuracy 0.829 0.826 0.69 0.64 1 **End Runs** Max Test Accuracy 5 0.804 0.849 0.64 0.694 0.707 0.707 0.747 0.68 Avg Results **SVM TestAUC** TestAccuracy TrainAUC TrainAccuracy 0.74 0.69 0.68 0.62