Model	Description	Accuracy
SVM	input_size = 1176, output_size = 6, kernal = 'linear', c = 0.25, model file name 'svm_model.joblib'	0.6176
Ensemble SVM	input_size = 1176, output_size = 6, kernal = 'linear', c = 0.25, estimators = 50, model file name 'random_forest_model.joblib'	0.6227
Dense Neural Net	input_size = 1176, output_size = 6, layers (dense (32,32,16,6)), optimizer = adam(learning_rate=0.001), epochs=100, model file name 'nn_model.h5'	0.6125
SVM (PCA-100)	input_size = 100, output_size = 6, kernal = 'linear', c = 0.5, model file name 'svm_PCA100_model.joblib', PCA file name = 'PCA100_model(svm).joblib'	0.6227
Ensemble SVM (PCA-100)	input_size = 100, output_size = 6, kernal = 'linear', c = 0.8, estimators = 50, model file name = 'random_forest_model_PCA.joblib', PCA file name = 'SVM_ensemble_pca100_model.joblib'	0.623
Dense Neural Net (PCA-100)	input_size = 100, output_size = 6, layers (dense (64,32,16,6)), optimizer = adam(learning_rate=0.001), epochs=200, model file name 'nn_model_PCA_100.h5', PCA file name = 'NN_pca100_model.joblib'	0.6042
SVM (Pairwise(facial features tracing))	input_size = 50, output_size = 6, kernal = 'rbf', c = 2, model file name 'svm_model_pairwise.joblib'	0.5697
Ensemble SVM (Pairwise(facial features tracing))	input_size = 50, output_size = 6, kernal = 'rdf', c = 2, estimators = 50, model file name 'random_forest_model_pairwise.joblib'	0.5691
Dense Neural Net (Pairwise(facial features tracing))	input_size = 50, output_size = 6, layers (dense (64,32,16,6)), optimizer = adam(learning_rate=0.001), epochs=100, model file name 'nn_model_pairwise.h5'	0.5284