OVERALL ACCURACY USING OVERSAMPLING TECHNIQUES

	SMOTE	ADASYN	RUS	ROS
LR	0.81	0.81	0.73	0.75
SGD	0.50	0.76	0.49	0.72
PsvAgr	0.51	0.51	0.49	0.62
KNN	0.85	0.85	0.53	0.87
DT	0.91	0.92	0.66	0.96
ExTr	0.92	0.93	0.71	0.98
GB	0.85	0.86	0.75	0.79
GNB	0.70	0.75	0.74	0.68
LSVC	0.79	0.76	0.50	0.75
AdaBoost	0.84	0.84	0.74	0.76
Bagging	0.92	0.92	0.72	0.97
RF	0.93	0.93	0.76	0.98
LDA	0.80	0.81	0.77	0.75
QDA	0.56	0.76	0.48	0.50

BEST PARAMETERS & ACCURACY WITHOUT USING OVERSAMPLING TECHNIQUES

	PARAMETES		OVERALL_ACCURACY	MEAN
LR	C=0.001		0.94	0.938
SGD	loss=hinge	penalty=elasticnet	0.94	0.763
PsvAgr	C=0.001		0.06	0.763
KNN	n_neighbors= 19	weights=uniform	0.94	0.937
DT	max_depth=10		0.94	0.919
ExTr	max_depth=10	n_estimators=200	0.94	0.936
GB	learning_rate=0.1	n_estimators=200	0.94	0.937
GNB	NA		0.60	0.509
LSVC	C=1000		0.94	0.938
AdaBoost	n_estimators=10		0.93	0.934
Bagging	n_estimators=200		0.93	0.928
RF	max_depth=10	n_estimators=10	0.94	0.937
LDA	tol=0.0001		0.94	0.932
QDA	reg_param=0.5	tol=0.0001	0.92	0.801

DEFAULT PARAMETERS WITHOUT USING OVERSAMPLING TECHNIQUES- ACCURACY

	OVERALL_ACCURACY	MEAN_ACCURACY
LR	0.94	0.938
SGD	0.90	0.761
PsvAgr	0.94	0.938
KNN	0.94	0.935
DT	0.90	0.887
ExTr	0.92	0.924
GB	0.94	0.934
GNB	0.60	0.509
LSVC	0.94	0.938
AdaBoost	0.93	0.933
Bagging	0.92	0.924
RF	0.93	0.933
LDA	0.94	0.932
QDA	0.93	0.684

BEST PARAMETERS & ACCURACY USING OVERSAMPLING TECHNIQUES