Model	Accuracy	Precision	Recall	F1
(JITTA + SHIMMER added to MFCC)				
SVM (class balanced)	**87**	**0.87**	**0.89**	**0.86**
SVM (without class balance)	71	0.38	0.55	0.43
Logistic Regression (class balanced)	77	0.81	0.82	0.77
Logistic Regression (without class balance)	63	0.32	0.5	0.39
Random forest (class balanced)	73	0.69	0.74	0.72
Random forest (without class balance)	70	0.69	0.71	0.69
XGBoost (class balanced)	67	0.68	0.67	0.68
XGBoost (without class balance)	67	0.67	0.68	0.66
GMM (2 components)	63	0.35	0.53	0.41
KNN (neighbours = 100)	67	0.83	0.55	0.54
(Pure MFCC 15 - No additions)				
SVM (class balanced)	86	0.87	0.89	0.86
SVM (without class balance)	63	0.31	0.55	0.42
Logistic Regression (class balanced)	76	0.81	0.81	0.76
Logistic Regression (without class balance)	62	0.31	0.5	0.38
Random forest (class balanced)	**90**	**0.93**	**0.86**	**0.88**
Random forest (without class balance)	70	0.69	0.71	0.69
XGBoost (class balanced)	66	0.68	0.69	0.67
XGBoost (without class balance)	66	0.67	0.69	0.67
GMM (2 components)	63	0.35	0.53	0.41
KNN (neighbours = 100)	66	0.82	0.55	0.52
(Pure MFCC 13 - No additions)				
SVM (class balanced)	**90**	**0.89**	**0.92**	**0.89**

SVM (without class balance)	62	0.31	0.5	0.38
Logistic Regression (class balanced)	77	0.81	0.82	0.77
Logistic Regression (without class balance)	63	0.32	0.5	0.39
Random forest (class balanced)	90	0.93	0.86	0.88
Random forest (without class balance)	70	0.69	0.71	0.69
XGBoost (class balanced)	66	0.68	0.69	0.67
XGBoost (without class balance)	66	0.67	0.69	0.67
GMM	63	0.35	0.53	0.41
KNN (neighbours = 100)	66	0.82	0.55	0.52
(Pure MFCC 19 - No additions)				
SVM (class balanced)	**90**	**0.89**	**0.92**	**0.89**
SVM (without class balance)	63	0.31	0.55	0.42
Logistic Regression (class balanced)	77	0.8	0.81	0.76
Logistic Regression (without class balance)	63	0.32	0.5	0.39
Random forest (class balanced)	89	0.93	0.84	0.88
Random forest (without class balance)	70	0.69	0.71	0.69
XGBoost (class balanced)	66	0.68	0.67	0.68
XGBoost (without class balance)	67	0.67	0.68	0.66
GMM	63	0.35	0.53	0.41
KNN (neighbours = 100)	67	0.83	0.55	0.54
(MFCC 15 + HNR values)				
SVM (class balanced)	87	0.86	0.89	0.87
SVM (without class balance)	63	0.31	0.55	0.42
Logistic Regression (class balanced)	79	0.81	0.8	0.76
Logistic Regression (without class balance)	62	0.31	0.5	0.38

Random forest (class balanced)	**90**	**0.93**	**0.86**	**0.88**
Random forest (without class balance)	69	0.69	0.71	0.69
XGBoost (class balanced)	66	0.68	0.69	0.67
XGBoost (without class balance)	66	0.67	0.69	0.67
GMM (2 components)	63	0.35	0.53	0.41
KNN (neighbours = 100)	66	0.82	0.55	0.52