

Hyperparameters	F1-Score on 'deceased'	Recall on 'deceased'	Overall Accuracy	Overall Recall
n_estimators=800 learning_rate=0.01 Max_depth=10 gamma=0.5	0.15	0.90	0.84	0.84
n_estimators=800 learning_rate=0.01 Max_depth=10 gamma=0.1	0.16	0.91	0.84	0.84
n_estimators=800 learning_rate=0.01 Max_depth=20 gamma=0.7	0.15	0.89	0.84	0.84
n_estimators=800 learning_rate=0.01 Max_depth=12 gamma=0.7	0.18	0.89	0.84	0.84
n_estimators=800 learning_rate=0.1 Max_depth=15 gamma=0.7	0.22	0.92	0.84	0.85
n_estimators=800 learning_rate=1 Max_depth=15 gamma=0.7	0.26	0.92	0.84	0.85
n_estimators=1000 learning_rate=1 Max_depth=15 gamma=0.7	0.26	0.92	0.84	0.85
n_estimators=1500 learning_rate=1 Max_depth=15 gamma=0.7	0.26	0.92	0.84	0.85
<b>n_estimators=2500 learning_rate=0.01 Max_depth=12 gamma=0.1</b>	<b>0.26</b>	<b>0.95</b>	<b>0.84</b>	<b>0.86</b>
n_estimators=2500 learning_rate=0.01 Max_depth=12 gamma=0.2	0.25	0.94	0.84	0.85
n_estimators=2500	0.24	0.94	0.84	0.85

learning_rate=0.01 Max_depth=12 gamma=0.3				
n_estimators=2500 learning_rate=0.01 Max_depth=12 gamma=0.4	0.23	0.94	0.84	0.85
n_estimators=2500 learning_rate=0.01 Max_depth=12 gamma=0.5	0.22	0.93	0.84	0.85
n_estimators=250 learning_rate=0.001 Max_depth=12 gamma=0.5	0.14	0.88	0.83	0.84
n_estimators=1000 learning_rate=1 Max_depth=15 gamma=0.7	0.26	0.92	0.84	0.85
n_estimators=1500 learning_rate=1 Max_depth=15 gamma=0.7	0.26	0.92	0.84	0.85