Table 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Algo Name | Task | Accuracy | Specificity | Sensitivity | AUC |
| DecisionTreeClassifier | DIED | 0.95 | 0.96 | 0.69 | 0.91 |
| DecisionTreeClassifier | LOS | 0.85 | 0.89 | 0.54 | 0.82 |
| DecisionTreeClassifier | anastomotic\_leak | 0.93 | 0.94 | 0.41 | 0.84 |
| RandomForestClassifier | DIED | 0.98 | 0.99 | 0.20 | 0.92 |
| RandomForestClassifier | LOS | 0.85 | 0.91 | 0.43 | 0.81 |
| RandomForestClassifier | anastomotic\_leak | 0.98 | 0.99 | 0.04 | 0.87 |
| LogisticRegression | DIED | 0.93 | 0.94 | 0.55 | 0.86 |
| LogisticRegression | LOS | 0.82 | 0.85 | 0.66 | 0.82 |
| LogisticRegression | anastomotic\_leak | 0.93 | 0.93 | 0.45 | 0.82 |