Table 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Algo Name | Task | Accuracy | Specificity | Sensitivity | AUC |
| DecisionTreeClassifier | DIED | 0.97 | 0.97 | 0.57 | 0.92 |
| DecisionTreeClassifier | LOS | 0.88 | 0.89 | 0.73 | 0.89 |
| DecisionTreeClassifier | anastomotic\_leak | 0.95 | 0.95 | 0.63 | 0.84 |
| RandomForestClassifier | DIED | 0.99 | 1.00 | 0.06 | 0.92 |
| RandomForestClassifier | LOS | 0.93 | 0.96 | 0.44 | 0.89 |
| RandomForestClassifier | anastomotic\_leak | 0.99 | 1.00 | 0.13 | 0.91 |
| LogisticRegression | DIED | 0.97 | 0.97 | 0.56 | 0.89 |
| LogisticRegression | LOS | 0.90 | 0.91 | 0.69 | 0.87 |
| LogisticRegression | anastomotic\_leak | 0.97 | 0.97 | 0.57 | 0.89 |