|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **fillna** | **normalizado** | **RandomOverSampler** | **RandomUnderSampler** |  |
| LogReg | 0.75 | 0.76 | 0.65 | 0.65 |  |
| RF | 0.79 | 0.79 | 0.93 | 0.67 |  |
| KNN | 0.74 | 0.73 | 0.84 | 0.57 |  |
| SVM | 0.80 | 0.80 | 0.70 | 0.65 |  |
| GNB | 0.38 | 0.38 | 0.50 | 0.51 |  |
| XGB | 0.82 | 0.82 | 0.72 | 0.69 |  |
| DecisionTree |  | 72.0% | 0.90 | 0.61 |  |
| SGDClassifier |  | 71.0% | 0.62 | 0.57 |  |
| NearestCentroid |  | 62.0% | 0.51 | 0.50 |  |
| MLPClassifier |  | 81.0% | 0.73 | 0.69 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **RandomOverSampler com balanceamento somente de \*\_train** | **scaled** | **Treino balanceado, teste full** |  |
| LogReg | 0.72 | 0.76 | 0.73 |  |
| RF | 0.78 | 0.79 | 0.93 |  |
| KNN | 0.69 | 0.73 | 0.79 |  |
| SVM | 0.75 | 0.80 | 0.76 |  |
| GNB | 0.37 | 0.38 | 0.37 |  |
| XGB | 0.78 | 0.82 | 0.79 |  |
| DecisionTree | 0.72 | 72.0% | 0.92 |  |
| SGDClassifier | 0.69 | 0.76 | 0.72 |  |
| NearestCentroid | 0.62 | 0.61 | 0.61 |  |
| MLPClassifier | 0.76 | 0.81 | 0.79 |  |





