|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Reported information | Test type | Decision Tree | Logistic Regression | Naïve Bayes |  |  |
| Accuracy with default parameters | Entire dataset | 67.05 | 71.06 |  |  |  |
| 50% | 66.20% |  |  |  |  |
| Cross-validation | 66.55% +/- 0.38% |  |  |  |  |
| Accuracy with best parameters | Entire dataset | 67.58 | 72.04 |  |  |  |
| 50% | 66.7 |  |  |  |  |
| Cross-validation | 66.66% +/- 0.29% |  |  |  |  |
| List names of parameters | | Maximal Depth  Apply Pruning  Confidence  Apply Prepruning  Minimal Gain  Minimal leaf size  Minimal Size for split  Number of Prepruning | Reproducible  Use Regularization  Standardize  Non-neg Coefficients  Add intercept  Compute p-values  Remove collinear columns  Missing values handling  Max iterations  Max runtime Second |  |  |  |
| List selected best values of parameters (in the same order as in the list of names) | Entire dataset | 25  On  0.25  Off | On  Max Number: 2  Off  Off  Off  Off  Off  Off  Skip  10 |  |  |  |
| 50% | 25  On  0.3  On  0.1  3  3  2 |  |  |  |  |
| Cross-validation | 20  On  0.2  On  0.142  2  4  2 |  |  |  |  |