Model: ID3Classifier

| model | dataset | averaging | accuracy_m | accuracy_s | recall_mea | recall_std | precision_m | precision_s | f_measure_m | f_measure_s | specificity_m | specificity_s | tp_rate_mea | tp_rate_std | fp_rate_mea | fp_rate_std |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID3Classifier | car.data | micro | 0.96 | 0.011 | 0.922 | 0.02 | 0.922 | 0.02 | 0.922 | 0.02 | 0.973 | 0.007 | 0.922 | 0.02 | 0.027 | 0.007 |
| ID3Classifier | car.data | macro | 0.96 | 0.011 | 0.829 | 0.065 | 0.838 | 0.06 | 0.827 | 0.057 | 0.962 | 0.008 | 0.829 | 0.065 | 0.038 | 0.008 |
| ID3Classifier | lasa | micro | 0.744 | 0.043 | 0.661 | 0.051 | 0.661 | 0.051 | 0.661 | 0.051 | 0.795 | 0.037 | 0.661 | 0.051 | 0.205 | 0.037 |
| ID3Classifier | lasa | macro | 0.753 | 0.04 | 0.478 | 0.046 | 0.453 | 0.027 | 0.462 | 0.037 | 0.774 | 0.038 | 0.478 | 0.046 | 0.226 | 0.038 |
| ID3Classifier | NPHA-doctor-vi | micro | 0.487 | 0.051 | 0.388 | 0.048 | 0.388 | 0.048 | 0.388 | 0.048 | 0.558 | 0.051 | 0.388 | 0.048 | 0.442 | 0.051 |
| ID3Classifier | NPHA-doctor-vi | macro | 0.492 | 0.048 | 0.342 | 0.046 | 0.345 | 0.049 | 0.34 | 0.047 | 0.541 | 0.049 | 0.342 | 0.046 | 0.459 | 0.049 |

Model: OneVsOneClassifier

| model | dataset | averaging | accuracy_m | accuracy_s | recall_mea | recall_std | precision_m | precision_s | f_measure_m | f_measure_s | specificity_m | specificity_s | fp_rate_mea | fp_rate_std | fn_rate_mea | fn_rate_std |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VsOneCla | car.data | micro | 0.978 | 0.007 | 0.957 | 0.013 | 0.957 | 0.013 | 0.957 | 0.013 | 0.985 | 0.005 | 0.957 | 0.013 | 0.015 | 0.005 |
| VsOneCla | car.data | macro | 0.978 | 0.007 | 0.944 | 0.017 | 0.936 | 0.038 | 0.937 | 0.027 | 0.982 | 0.008 | 0.944 | 0.017 | 0.018 | 0.008 |
| VsOneCla | nce-scale | micro | 0.774 | 0.021 | 0.696 | 0.025 | 0.696 | 0.025 | 0.696 | 0.025 | 0.821 | 0.018 | 0.696 | 0.025 | 0.179 | 0.018 |
| VsOneCla | nce-scale | macro | 0.776 | 0.022 | 0.503 | 0.015 | 0.505 | 0.017 | 0.501 | 0.011 | 0.802 | 0.017 | 0.503 | 0.015 | 0.198 | 0.017 |
| VsOneCla | octor-vi | micro | 0.497 | 0.038 | 0.398 | 0.036 | 0.398 | 0.036 | 0.398 | 0.036 | 0.568 | 0.037 | 0.398 | 0.036 | 0.432 | 0.037 |
| VsOneCla | octor-vi | macro | 0.502 | 0.038 | 0.345 | 0.037 | 0.345 | 0.032 | 0.343 | 0.035 | 0.546 | 0.037 | 0.345 | 0.037 | 0.454 | 0.037 |

Model: OneVsRestClassifier

| model | dataset | averaging | accuracy_m | accuracy_s | recall_mea | recall_std | precision_m | precision_s | f_measure_m | f_measure_s | specificity_m | specificity_s | tp_rate_mea | tp_rate_std | fp_rate_mea | fp_rate_std |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OneVsRestCla | car.data | micro | 0.961 | 0.003 | 0.925 | 0.006 | 0.925 | 0.006 | 0.925 | 0.006 | 0.974 | 0.002 | 0.925 | 0.006 | 0.026 | 0.002 |
| OneVsRestCla | car.data | macro | 0.961 | 0.003 | 0.869 | 0.044 | 0.834 | 0.039 | 0.849 | 0.036 | 0.964 | 0.004 | 0.869 | 0.044 | 0.036 | 0.004 |
| OneVsRestCla | balance-scale | micro | 0.767 | 0.044 | 0.688 | 0.053 | 0.688 | 0.053 | 0.688 | 0.053 | 0.814 | 0.037 | 0.688 | 0.053 | 0.186 | 0.037 |
| OneVsRestCla | balance-scale | macro | 0.769 | 0.044 | 0.497 | 0.043 | 0.503 | 0.03 | 0.499 | 0.036 | 0.799 | 0.04 | 0.497 | 0.043 | 0.201 | 0.04 |
| OneVsRestCla | [illegible]octor-vi | micro | 0.467 | 0.05 | 0.37 | 0.046 | 0.37 | 0.046 | 0.37 | 0.046 | 0.539 | 0.05 | 0.37 | 0.046 | 0.461 | 0.05 |
| OneVsRestCla | [illegible]octor-vi | macro | 0.469 | 0.05 | 0.339 | 0.032 | 0.348 | 0.034 | 0.333 | 0.034 | 0.531 | 0.049 | 0.339 | 0.032 | 0.469 | 0.049 |