## Settings

**Sampling type:** Stratified 5-fold Cross validation
**Target class:** Average over classes

## Scores

| Model | AUC | CA | F1 | Precision | Recall | Specificity |
|---|---|---|---|---|---|---|
| Neural Network | -35.45592727649546 | 0.9884855611380052 | 0.9883873080255339 | 0.9884785403879898 | 0.9884855611380052 | 0.9995820092273466 |
| AdaBoost | -25.899494835228772 | 0.4747186292625567 | 0.4756091711185651 | 0.47693789956762594 | 0.4747186292625567 | 0.9888568990054317 |
| Random Forest | -34.21278458410799 | 0.4518119206511614 | 0.4290115337084922 | 0.4253439621459388 | 0.4518119206511614 | 0.9817261582580883 |
| SVM | -34.919969329412105 | 0.3979506131362338 | 0.34176253666894724 | 0.3582390126499507 | 0.3979506131362338 | 0.9756033737616769 |
| Tree | -30.871615602043725 | 0.3903150435991021 | 0.38713865764874783 | 0.387901644735566 | 0.3903150435991021 | 0.9876959520289139 |
| kNN | -29.045447148290965 | 0.27732388558862603 | 0.27751501008427826 | 0.30216823632341494 | 0.27732388558862603 | 0.9867264106100794 |
| CN2 rule inducer | -32.338558321940056 | 0.23442725592901975 | 0.19216080391922274 | 0.19149481234713503 | 0.23442725592901975 | 0.964990193285692 |
| Naive Bayes | -28.560343028652987 | 0.1449231098147611 | 0.05313835218661381 | 0.044558632821148726 | 0.1449231098147611 | 0.8862022514161574 |
| Logistic Regression | -20.774919954525824 | 0.13924224607913505 | 0.03403736678461557 | 0.019388403093162396 | 0.13924224607913505 | 0.8607577539208651 |
| RIDGEL2 | -20.698965957555604 | 0.13924224607913505 | 0.03403736678461557 | 0.019388403093162396 | 0.13924224607913505 | 0.8607577539208651 |
| SGD | -17.832301467853757 | 0.04793610555411328 | 0.03453797957430706 | 0.032535525401501696 | 0.04793610555411328 | 0.95785591644254 |