

| | methods | abil | avgProbs | accuracy |
|----|---------------------|-------------|-----------|-----------|
| 1 | pls_ncomp3 | -3.44154924 | 0.1148425 | 0.0000000 |
| 2 | simpls_ncomp3 | -3.44154924 | 0.1148425 | 0.0000000 |
| 3 | PessimalClass | -3.44154924 | 0.1148425 | 0.0000000 |
| 4 | RandomClass_C | -2.75779686 | 0.2235377 | 0.3433333 |
| 5 | RandomClass_B | -2.75771543 | 0.2237590 | 0.3333333 |
| 6 | treeBag | -2.74478408 | 0.2623813 | 0.3900000 |
| 7 | RandomClass_A | -2.74314416 | 0.2675763 | 0.3666667 |
| 8 | svmRadialCost_C0.01 | -2.33971504 | 0.4291116 | 0.4033333 |
| 9 | svmPoly_d_1_s_0.001 | -2.33971504 | 0.4291116 | 0.4033333 |
| 10 | svmPoly_d_2_s_0.001 | -2.33971504 | 0.4291116 | 0.4033333 |
| 11 | MajorityClass | -2.33971504 | 0.4291116 | 0.4033333 |
| 12 | svmPoly_d_3_s_0.001 | -0.76935279 | 0.6828554 | 0.6933333 |
| 13 | svmPoly_d_3_s_0.01 | -0.37043291 | 0.7110584 | 0.7200000 |
| 14 | svmLinear_C0.01 | -0.37043030 | 0.7110585 | 0.7166667 |
| 15 | svmPoly_d_1_s_0.01 | -0.37043030 | 0.7110585 | 0.7166667 |
| 16 | svmPoly_d_2_s_0.01 | -0.37043030 | 0.7110585 | 0.7166667 |
| 17 | pls_ncomp1 | -0.37043030 | 0.7110585 | 0.7166667 |
| 18 | pls_ncomp2 | -0.37043030 | 0.7110585 | 0.7166667 |
| 19 | simpls_ncomp1 | -0.37043030 | 0.7110585 | 0.7166667 |
| 20 | simpls_ncomp2 | -0.37043030 | 0.7110585 | 0.7166667 |
| 21 | mlp_1 | -0.06313153 | 0.7878803 | 0.8100000 |
| 22 | fda_prune2 | -0.05250330 | 0.7889827 | 0.8200000 |
| 23 | bagFDA_prune2 | -0.03126737 | 0.7943292 | 0.8266667 |
| 24 | sda_L0.0 | 0.02383878 | 0.8283646 | 0.8533333 |
| 25 | sda_L0.5 | 0.02383878 | 0.8283646 | 0.8533333 |
| 26 | sda_L1.0 | 0.02383878 | 0.8283646 | 0.8533333 |
| 27 | SMV | 0.02435963 | 0.8285313 | 0.8566667 |
| 28 | svmLineart_C0.1 | 0.02435963 | 0.8285313 | 0.8566667 |
| 29 | svmPoly_d_2_s_0.1 | 0.02435963 | 0.8285313 | 0.8566667 |
| 30 | MinorityClass | 0.02726237 | 0.8293846 | 0.2300000 |
| 31 | knn_k2 | 0.04433497 | 0.8323711 | 0.8200000 |
| 32 | lbk_k1 | 0.05077429 | 0.8329484 | 0.8200000 |
| 33 | mda_subc2 | 0.45995755 | 0.8521626 | 0.8866667 |
| 34 | svmLinear_C1 | 0.62906437 | 0.8583449 | 0.8733333 |
| 35 | svmLinear_C2 | 0.65022582 | 0.8657982 | 0.8800000 |

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| svmLinear_C4 | 0.6502258 | 0.8657982 | 0.8800000 |
| svmLinear_C8 | 0.6502258 | 0.8657982 | 0.8800000 |
| bagFDA_prune4 | 0.6616377 | 0.8720008 | 0.8933333 |
| W_NB | 0.6624283 | 0.8724229 | 0.8833333 |
| NB | 0.6626228 | 0.8725260 | 0.8866667 |
| NB_laplace | 0.6626228 | 0.8725260 | 0.8866667 |
| mlp_7 | 0.6684163 | 0.8753922 | 0.8933333 |
| rf_mtry8 | 0.6801453 | 0.8795636 | 0.8666667 |
| rf_mtry16 | 0.6801453 | 0.8795636 | 0.8666667 |
| rf_mtry128 | 0.6803042 | 0.8796047 | 0.8700000 |
| rf_mtry64 | 0.6804103 | 0.8796318 | 0.8733333 |
| parRF_mtry32 | 0.6804103 | 0.8796318 | 0.8733333 |
| lbk_k2 | 0.6814485 | 0.8798893 | 0.8666667 |
| rrf_mtry2 | 0.6975445 | 0.8823715 | 0.8300000 |
| rrf_mtry4 | 0.6975445 | 0.8823715 | 0.8300000 |
| rrf_mtry8 | 0.6975445 | 0.8823715 | 0.8300000 |
| rrf_mtry16 | 0.6975445 | 0.8823715 | 0.8300000 |
| rrf_mtry32 | 0.6975445 | 0.8823715 | 0.8300000 |
| rrf_mtry64 | 0.6975445 | 0.8823715 | 0.8300000 |
| rrf_mtry128 | 0.6975445 | 0.8823715 | 0.8300000 |
| rf_mtry4 | 0.6998605 | 0.8825725 | 0.8700000 |
| parRF_mtry16 | 0.6998605 | 0.8825725 | 0.8700000 |
| knn_k1 | 0.7010356 | 0.8826654 | 0.8266667 |
| rf_mtry2 | 0.7013854 | 0.8826920 | 0.8733333 |
| rf_mtry32 | 0.7013854 | 0.8826920 | 0.8733333 |
| parRF_mtry2 | 0.7013854 | 0.8826920 | 0.8733333 |
| parRF_mtry128 | 0.7013854 | 0.8826920 | 0.8733333 |
| parRF_mtry8 | 0.7013854 | 0.8826920 | 0.8766667 |
| parRF_mtry4 | 0.7018256 | 0.8827248 | 0.8766667 |
| parRF_mtry64 | 0.7018256 | 0.8827248 | 0.8766667 |
| rbf | 0.7215132 | 0.8837114 | 0.8566667 |
| gbm_3_150 | 0.8263018 | 0.8858759 | 0.8833333 |
| knn_k3 | 1.0318368 | 0.8896541 | 0.8833333 |
| gbm_1_150 | 1.0379240 | 0.8897462 | 0.8966667 |
| mlp_9 | 1.0418281 | 0.8897944 | 0.8933333 |

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| gcvEarth_d2 | 1.041830 | 0.8897944 | 0.8966667 |
| gcvEarth_d3 | 1.041830 | 0.8897944 | 0.8966667 |
| gbm_3_100 | 1.056634 | 0.8899489 | 0.8800000 |
| gbm_3_50 | 1.085671 | 0.8902337 | 0.8900000 |
| gbm_2_100 | 1.149477 | 0.8921225 | 0.8866667 |
| gbm_2_150 | 1.149477 | 0.8921225 | 0.8866667 |
| lbk_k3 | 1.205331 | 0.8949584 | 0.8900000 |
| JRip_Unp | 1.213286 | 0.8950685 | 0.8966667 |
| gcvEarth_d1 | 1.214832 | 0.8950853 | 0.8933333 |
| pcaNNet | 1.225380 | 0.8951820 | 0.8933333 |
| gbm_2_50 | 1.290607 | 0.8956956 | 0.9000000 |
| avNNet_decay1e04 | 1.290774 | 0.8956970 | 0.9000000 |
| gbm_1_100 | 1.290774 | 0.8956970 | 0.9000000 |
| knn_k5 | 1.361451 | 0.8976527 | 0.8966667 |
| fda_prune9 | 1.362687 | 0.8977064 | 0.9033333 |
| fda_prune17 | 1.362687 | 0.8977064 | 0.9033333 |
| lbk_k9 | 1.438557 | 0.8992460 | 0.9000000 |
| svmRadialCost_C0.1 | 1.450653 | 0.8994043 | 0.9033333 |
| cforest_mtry2 | 1.453813 | 0.8994415 | 0.8966667 |
| cforest_mtry4 | 1.453813 | 0.8994415 | 0.8966667 |
| cforest_mtry8 | 1.453813 | 0.8994415 | 0.8966667 |
| cforest_mtry32 | 1.453813 | 0.8994415 | 0.8966667 |
| cforest_mtry64 | 1.453813 | 0.8994415 | 0.8966667 |
| cforest_mtry128 | 1.453813 | 0.8994415 | 0.8966667 |
| knn_k7 | 1.467544 | 0.8995859 | 0.9000000 |
| lbk_k5 | 1.467544 | 0.8995859 | 0.9000000 |
| lbk_k7 | 1.467544 | 0.8995859 | 0.9000000 |
| lvq_3 | 1.492390 | 0.8997917 | 0.9033333 |
| svmRadialCost_C1 | 1.492390 | 0.8997917 | 0.9033333 |
| mda_subc4 | 1.497832 | 0.8998300 | 0.9000000 |
| mda_subc3 | 1.497832 | 0.8998300 | 0.9033333 |
| lvq_1 | 1.497832 | 0.8998300 | 0.9033333 |
| knn_k9 | 1.497832 | 0.8998300 | 0.9033333 |
| mlp_3 | 1.522024 | 0.8999813 | 0.9000000 |
| mlp_5 | 1.522024 | 0.8999813 | 0.9000000 |

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| avNNet_decay01 | 1.522024 | 0.8999813 | 0.9000000 |
| bagFDA_prune8 | 1.522024 | 0.8999813 | 0.9000000 |
| bagFDA_prune16 | 1.522024 | 0.8999813 | 0.9000000 |
| svmRadialCost_C2 | 1.587867 | 0.9003160 | 0.9066667 |
| gbm_1_50 | 1.587867 | 0.9003160 | 0.9066667 |
| c5.0 | 1.587867 | 0.9003160 | 0.9000000 |
| c5.0_winnow | 1.587867 | 0.9003160 | 0.9000000 |
| J48 | 1.587867 | 0.9003160 | 0.9000000 |
| J48Unp | 1.587867 | 0.9003160 | 0.9000000 |
| LMT | 1.587867 | 0.9003160 | 0.9000000 |
| LMT_CV | 1.587867 | 0.9003160 | 0.9000000 |
| ctree_c0.01 | 1.587867 | 0.9003160 | 0.9000000 |
| ctree_c0.05 | 1.587867 | 0.9003160 | 0.9000000 |
| ctree_c0.99 | 1.587867 | 0.9003160 | 0.9000000 |
| JRip | 1.587867 | 0.9003160 | 0.9000000 |
| PART | 1.587867 | 0.9003160 | 0.9000000 |
| cforest_mtry16 | 1.587867 | 0.9003160 | 0.9000000 |
| LMT_AIC | 1.587867 | 0.9003160 | 0.9033333 |
| rpart | 1.587867 | 0.9003160 | 0.9033333 |
| avNNet_decay0 | 1.587867 | 0.9003160 | 0.9033333 |
| lvq_5 | 1.587867 | 0.9003160 | 0.9033333 |
| svmPoly_d_1_s_0.1 | 1.587867 | 0.9003160 | 0.9033333 |
| svmPoly_d_3_s_0.1 | 1.587867 | 0.9003160 | 0.9033333 |
| OptimalClass | 3.215651 | 0.9216437 | 1.0000000 |