

| | methods | abil | avgProbsT | accuracy | avgProbs |
|-----|---------------------|---------|-----------|----------|----------|
| 127 | PessimClass | -3.6579 | 0.1956899 | 0.0000 | 0.1957 |
| 125 | MinorityClass | -3.6538 | 0.1957747 | 0.3333 | 0.1958 |
| 124 | MajorityClass | -2.9128 | 0.2354369 | 0.3333 | 0.2354 |
| 123 | RandomClass_C | -2.5669 | 0.2898819 | 0.3333 | 0.2899 |
| 122 | RandomClass_B | -2.1730 | 0.3934855 | 0.3905 | 0.3935 |
| 121 | RandomClass_A | -2.1637 | 0.3962688 | 0.3143 | 0.3963 |
| 114 | pls_ncomp1 | -1.0913 | 0.6988710 | 0.6667 | 0.6989 |
| 116 | simpls_ncomp1 | -1.0913 | 0.6988710 | 0.6667 | 0.6989 |
| 18 | fda_prune2 | -0.7268 | 0.7712189 | 0.7381 | 0.7712 |
| 28 | mlp_1 | -0.5664 | 0.8007847 | 0.8143 | 0.8008 |
| 9 | ctree_c0.01 | -0.0682 | 0.8690128 | 0.8476 | 0.8690 |
| 10 | ctree_c0.05 | -0.0682 | 0.8690128 | 0.8476 | 0.8690 |
| 11 | ctree_c0.99 | -0.0682 | 0.8690128 | 0.8476 | 0.8690 |
| 12 | JRip | -0.0682 | 0.8690128 | 0.8476 | 0.8690 |
| 115 | pls_ncomp2 | 0.1568 | 0.8880025 | 0.9048 | 0.8880 |
| 117 | simpls_ncomp2 | 0.1568 | 0.8880025 | 0.9048 | 0.8880 |
| 8 | rpart | 0.1651 | 0.8887137 | 0.8952 | 0.8887 |
| 120 | gcvEarth_d3 | 0.2711 | 0.8974769 | 0.9048 | 0.8975 |
| 39 | lvq_5 | 0.3968 | 0.9061990 | 0.9095 | 0.9062 |
| 110 | lbk_k3 | 0.4117 | 0.9071090 | 0.9095 | 0.9071 |
| 70 | bagFDA_prune2 | 0.4230 | 0.9077907 | 0.8952 | 0.9078 |
| 108 | lbk_k1 | 0.4236 | 0.9078220 | 0.9286 | 0.9078 |
| 103 | knn_k2 | 0.4462 | 0.9091475 | 0.9048 | 0.9091 |
| 109 | lbk_k2 | 0.4701 | 0.9105125 | 0.9048 | 0.9105 |
| 13 | JRip_Unp | 0.4835 | 0.9112603 | 0.9143 | 0.9113 |
| 24 | W_NB | 0.4918 | 0.9117212 | 0.9048 | 0.9117 |
| 25 | NB | 0.4918 | 0.9117212 | 0.9048 | 0.9117 |
| 26 | NB_laplace | 0.4918 | 0.9117212 | 0.9048 | 0.9117 |
| 119 | gcvEarth_d2 | 0.5081 | 0.9126159 | 0.9048 | 0.9126 |
| 17 | sda_L1.0 | 0.5103 | 0.9127378 | 0.9095 | 0.9127 |
| 88 | cforest_mtry2 | 0.5200 | 0.9132662 | 0.9048 | 0.9133 |
| 37 | lvq_1 | 0.5309 | 0.9138548 | 0.9048 | 0.9139 |
| 89 | cforest_mtry4 | 0.5310 | 0.9138589 | 0.9095 | 0.9139 |
| 1 | c5.0 | 0.5442 | 0.9145666 | 0.9048 | 0.9146 |
| 51 | svmPoly_d_1_s_0.001 | 0.5597 | 0.9153826 | 0.9190 | 0.9154 |

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| rbf | 0.5918 | 0.9170591 | 0.9238 | 0.9171 |
| knn_k3 | 0.6001 | 0.9174811 | 0.9143 | 0.9175 |
| PART | 0.6035 | 0.9176580 | 0.9190 | 0.9177 |
| svmPoly_d_3_s_0.001 | 0.6134 | 0.9181596 | 0.9190 | 0.9182 |
| gbm_1_150 | 0.6145 | 0.9182148 | 0.9381 | 0.9182 |
| J48 | 0.6169 | 0.9183370 | 0.9143 | 0.9183 |
| J48Unp | 0.6169 | 0.9183370 | 0.9143 | 0.9183 |
| c5.0_winnow | 0.6324 | 0.9191120 | 0.9190 | 0.9191 |
| svmPoly_d_2_s_0.001 | 0.6611 | 0.9205163 | 0.9286 | 0.9205 |
| cforest_mtry8 | 0.6654 | 0.9207221 | 0.9190 | 0.9207 |
| cforest_mtry64 | 0.6654 | 0.9207221 | 0.9190 | 0.9207 |
| cforest_mtry128 | 0.6654 | 0.9207221 | 0.9190 | 0.9207 |
| gbm_1_100 | 0.6706 | 0.9209706 | 0.9476 | 0.9210 |
| cforest_mtry16 | 0.6830 | 0.9215584 | 0.9238 | 0.9216 |
| cforest_mtry32 | 0.6830 | 0.9215584 | 0.9238 | 0.9216 |
| pcaNNet | 0.7155 | 0.9230501 | 0.9381 | 0.9231 |
| gcvEarth_d1 | 0.7338 | 0.9238610 | 0.9381 | 0.9239 |
| rff_mtry64 | 0.7358 | 0.9239473 | 0.9190 | 0.9239 |
| knn_k1 | 0.7384 | 0.9240615 | 0.9238 | 0.9241 |
| rff_mtry4 | 0.7439 | 0.9242963 | 0.9238 | 0.9243 |
| rff_mtry8 | 0.7439 | 0.9242963 | 0.9238 | 0.9243 |
| rff_mtry16 | 0.7439 | 0.9242963 | 0.9238 | 0.9243 |
| rff_mtry32 | 0.7439 | 0.9242963 | 0.9238 | 0.9243 |
| rff_mtry128 | 0.7439 | 0.9242963 | 0.9238 | 0.9243 |
| gbm_3_150 | 0.7454 | 0.9243606 | 0.9333 | 0.9244 |
| lbk_k9 | 0.7539 | 0.9247250 | 0.9143 | 0.9247 |
| svmLinear_C0.01 | 0.7766 | 0.9256704 | 0.9190 | 0.9257 |
| svmPoly_d_1_s_0.01 | 0.7766 | 0.9256704 | 0.9190 | 0.9257 |
| rff_mtry2 | 0.7900 | 0.9262148 | 0.9286 | 0.9262 |
| lvq_3 | 0.7949 | 0.9264111 | 0.9143 | 0.9264 |
| gbm_2_100 | 0.7997 | 0.9266037 | 0.9476 | 0.9266 |
| gbm_2_150 | 0.8011 | 0.9266581 | 0.9429 | 0.9267 |
| svmRadialCost_C0.1 | 0.8308 | 0.9278088 | 0.9190 | 0.9278 |
| svmPoly_d_2_s_0.01 | 0.8357 | 0.9279927 | 0.9238 | 0.9280 |
| gbm_3_100 | 0.8398 | 0.9281459 | 0.9476 | 0.9281 |

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| gbm_3_50 | 0.8399 | 0.9281491 | 0.9429 | 0.9281 |
| gbm_1_50 | 0.8437 | 0.9282886 | 0.9286 | 0.9283 |
| gbm_2_50 | 0.8471 | 0.9284167 | 0.9381 | 0.9284 |
| knn_k9 | 0.9107 | 0.9306425 | 0.9143 | 0.9306 |
| bagFDA_prune4 | 0.9148 | 0.9307775 | 0.9238 | 0.9308 |
| mda_subc3 | 1.0103 | 0.9336193 | 0.9429 | 0.9336 |
| knn_k5 | 1.0367 | 0.9343025 | 0.9286 | 0.9343 |
| knn_k7 | 1.0405 | 0.9343971 | 0.9238 | 0.9344 |
| svmRadialCost_C0.01 | 1.0714 | 0.9351335 | 0.9238 | 0.9351 |
| rf_mtry2 | 1.0852 | 0.9354455 | 0.9381 | 0.9354 |
| fda_prune9 | 1.0930 | 0.9356190 | 0.9333 | 0.9356 |
| lbk_k7 | 1.1074 | 0.9359281 | 0.9286 | 0.9359 |
| svmPoly_d_3_s_0.01 | 1.1162 | 0.9361135 | 0.9286 | 0.9361 |
| lbk_k5 | 1.1269 | 0.9363343 | 0.9476 | 0.9363 |
| SMV | 1.1409 | 0.9366140 | 0.9286 | 0.9366 |
| svmLineart_C0.1 | 1.1571 | 0.9369291 | 0.9286 | 0.9369 |
| svmPoly_d_2_s_0.1 | 1.1571 | 0.9369291 | 0.9286 | 0.9369 |
| svmRadialCost_C1 | 1.1834 | 0.9374226 | 0.9429 | 0.9374 |
| svmRadialCost_C2 | 1.1837 | 0.9374270 | 0.9381 | 0.9374 |
| bagFDA_prune8 | 1.2053 | 0.9378173 | 0.9524 | 0.9378 |
| mlp_3 | 1.2219 | 0.9381079 | 0.9476 | 0.9381 |
| svmPoly_d_3_s_0.1 | 1.2923 | 0.9392828 | 0.9429 | 0.9393 |
| svmPoly_d_1_s_0.1 | 1.2927 | 0.9392887 | 0.9381 | 0.9393 |
| parRF_mtry2 | 1.2990 | 0.9393910 | 0.9381 | 0.9394 |
| avNNet_decay01 | 1.3068 | 0.9395156 | 0.9381 | 0.9395 |
| svmLinear_C1 | 1.3392 | 0.9400300 | 0.9381 | 0.9400 |
| LMT_AIC | 1.3422 | 0.9400761 | 0.9429 | 0.9401 |
| sda_L0.5 | 1.5026 | 0.9425169 | 0.9476 | 0.9425 |
| fda_prune17 | 1.5066 | 0.9425745 | 0.9571 | 0.9426 |
| svmLinear_C8 | 1.5595 | 0.9433323 | 0.9381 | 0.9433 |
| svmLinear_C4 | 1.5600 | 0.9433386 | 0.9333 | 0.9433 |
| mda_subc2 | 1.5642 | 0.9433972 | 0.9524 | 0.9434 |
| avNNet_decay0 | 1.5765 | 0.9435670 | 0.9571 | 0.9436 |
| mda_subc4 | 1.6660 | 0.9447230 | 0.9571 | 0.9447 |
| LMT | 1.6797 | 0.9448850 | 0.9429 | 0.9449 |

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| LMT_CV | 1.6797 | 0.9448850 | 0.9429 | 0.9449 |
| mlp_7 | 1.7400 | 0.9455524 | 0.9429 | 0.9456 |
| sda_L0.0 | 1.7535 | 0.9456909 | 0.9667 | 0.9457 |
| mlp_9 | 1.7741 | 0.9458951 | 0.9476 | 0.9459 |
| OptimalClass | 1.7741 | 0.9458952 | 1.0000 | 0.9459 |
| rf_mtry4 | 1.7884 | 0.9460310 | 0.9429 | 0.9460 |
| parRF_mtry4 | 1.7884 | 0.9460310 | 0.9429 | 0.9460 |
| svmLinear_C2 | 1.8031 | 0.9461679 | 0.9476 | 0.9462 |
| rf_mtry8 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| rf_mtry16 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| rf_mtry32 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| rf_mtry64 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| rf_mtry128 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| parRF_mtry8 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| parRF_mtry16 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| parRF_mtry32 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| parRF_mtry64 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| parRF_mtry128 | 1.8410 | 0.9464988 | 0.9381 | 0.9465 |
| treeBag | 1.8486 | 0.9465621 | 0.9476 | 0.9466 |
| bagFDA_prune16 | 1.8895 | 0.9468859 | 0.9619 | 0.9469 |
| mlp_5 | 1.9162 | 0.9470828 | 0.9476 | 0.9471 |
| avNNet_decay1e04 | 1.9581 | 0.9473715 | 0.9619 | 0.9474 |