

| | methods | abil | avgProbs | accuracy |
|-----|---------------------|-------------|-----------|----------|
| 127 | MinorityClass | -4.97745701 | 0.1505889 | 0.220 |
| 116 | pls_ncomp3 | -4.17613362 | 0.1419106 | 0.000 |
| 119 | simpls_ncomp3 | -4.17613362 | 0.1419106 | 0.000 |
| 129 | PessimClass | -4.17613362 | 0.1419106 | 0.000 |
| 69 | treeBag | -3.47920698 | 0.2397442 | 0.345 |
| 123 | RandomClass_A | -3.45201683 | 0.2464240 | 0.310 |
| 124 | RandomClass_B | -3.44081901 | 0.2491711 | 0.390 |
| 125 | RandomClass_C | -3.41173102 | 0.2562733 | 0.430 |
| 41 | svmRadialCost_C0.01 | -2.24609551 | 0.4112542 | 0.410 |
| 51 | svmPoly_d_1_s_0.001 | -2.24609551 | 0.4112542 | 0.410 |
| 54 | svmPoly_d_2_s_0.001 | -2.24609551 | 0.4112542 | 0.410 |
| 126 | MajorityClass | -2.24609551 | 0.4112542 | 0.410 |
| 57 | svmPoly_d_3_s_0.001 | -2.15792516 | 0.4152515 | 0.415 |
| 45 | svmLinear_C0.01 | -0.46017188 | 0.6948595 | 0.720 |
| 52 | svmPoly_d_1_s_0.01 | -0.46017188 | 0.6948595 | 0.720 |
| 55 | svmPoly_d_2_s_0.01 | -0.46017188 | 0.6948595 | 0.720 |
| 58 | svmPoly_d_3_s_0.01 | -0.46017188 | 0.6948595 | 0.720 |
| 114 | pls_ncomp1 | -0.46017188 | 0.6948595 | 0.720 |
| 115 | pls_ncomp2 | -0.46017188 | 0.6948595 | 0.720 |
| 117 | simpls_ncomp1 | -0.46017188 | 0.6948595 | 0.720 |
| 118 | simpls_ncomp2 | -0.46017188 | 0.6948595 | 0.720 |
| 28 | mlp_1 | -0.11008999 | 0.7290177 | 0.750 |
| 40 | SMV | -0.06540650 | 0.7378532 | 0.755 |
| 18 | fda_prune2 | -0.05656863 | 0.7399715 | 0.770 |
| 46 | svmLineart_C0.1 | -0.03858689 | 0.7445832 | 0.765 |
| 56 | svmPoly_d_2_s_0.1 | -0.03858689 | 0.7445832 | 0.765 |
| 70 | bagFDA_prune2 | -0.03233723 | 0.7462604 | 0.780 |
| 15 | sda_L0.0 | 0.09850550 | 0.7779688 | 0.800 |
| 16 | sda_L0.5 | 0.09850550 | 0.7779688 | 0.800 |
| 17 | sda_L1.0 | 0.15238756 | 0.7857371 | 0.810 |
| 48 | svmLinear_C2 | 0.33694841 | 0.8002338 | 0.820 |
| 47 | svmLinear_C1 | 0.50715793 | 0.8233168 | 0.835 |
| 50 | svmLinear_C8 | 0.51375446 | 0.8244842 | 0.835 |
| 49 | svmLinear_C4 | 0.54972149 | 0.8316186 | 0.840 |
| 53 | svmPoly_d_1_s_0.1 | 0.55715419 | 0.8332025 | 0.840 |

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| lbk_k2 | 0.5928285 | 0.8408178 | 0.790 |
| knn_k2 | 0.6168502 | 0.8456099 | 0.765 |
| mda_subc2 | 0.6397760 | 0.8497217 | 0.850 |
| cforest_mtry2 | 0.6459012 | 0.8507336 | 0.860 |
| cforest_mtry4 | 0.6459012 | 0.8507336 | 0.860 |
| cforest_mtry8 | 0.6459012 | 0.8507336 | 0.860 |
| cforest_mtry16 | 0.6459012 | 0.8507336 | 0.860 |
| cforest_mtry32 | 0.6459012 | 0.8507336 | 0.860 |
| cforest_mtry128 | 0.6459012 | 0.8507336 | 0.860 |
| lbk_k1 | 0.6530244 | 0.8518631 | 0.795 |
| knn_k1 | 0.6582219 | 0.8526552 | 0.780 |
| rff_mtry2 | 0.6613733 | 0.8531224 | 0.795 |
| rff_mtry4 | 0.6613733 | 0.8531224 | 0.795 |
| rff_mtry8 | 0.6613733 | 0.8531224 | 0.795 |
| rff_mtry16 | 0.6613733 | 0.8531224 | 0.795 |
| rff_mtry32 | 0.6613733 | 0.8531224 | 0.795 |
| rff_mtry64 | 0.6613733 | 0.8531224 | 0.795 |
| rff_mtry128 | 0.6613733 | 0.8531224 | 0.795 |
| JRip_Unp | 0.6715320 | 0.8545621 | 0.865 |
| cforest_mtry64 | 0.6954929 | 0.8575756 | 0.865 |
| parRF_mtry64 | 0.7025275 | 0.8583648 | 0.845 |
| rf_mtry4 | 0.7060739 | 0.8587472 | 0.850 |
| rf_mtry16 | 0.7060739 | 0.8587472 | 0.850 |
| rf_mtry32 | 0.7060739 | 0.8587472 | 0.850 |
| rf_mtry64 | 0.7060739 | 0.8587472 | 0.850 |
| parRF_mtry128 | 0.7060739 | 0.8587472 | 0.850 |
| rf_mtry2 | 0.7078625 | 0.8589363 | 0.855 |
| rf_mtry8 | 0.7078625 | 0.8589363 | 0.855 |
| rf_mtry128 | 0.7078625 | 0.8589363 | 0.855 |
| parRF_mtry16 | 0.7078625 | 0.8589363 | 0.855 |
| parRF_mtry4 | 0.7079846 | 0.8589491 | 0.855 |
| parRF_mtry2 | 0.7091554 | 0.8590714 | 0.860 |
| parRF_mtry32 | 0.7106273 | 0.8592236 | 0.860 |
| rbf | 0.7318161 | 0.8612357 | 0.835 |
| svmRadialCost_C0.1 | 0.7386327 | 0.8618163 | 0.870 |

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| gbm_3_150 | 0.7514067 | 0.8628242 | 0.840 |
| W_NB | 0.7558430 | 0.8631511 | 0.875 |
| NB | 0.7558430 | 0.8631511 | 0.875 |
| NB_laplace | 0.7558430 | 0.8631511 | 0.875 |
| knn_k5 | 0.7855837 | 0.8650670 | 0.865 |
| knn_k7 | 0.7903458 | 0.8653333 | 0.870 |
| lbk_k3 | 0.8161394 | 0.8666103 | 0.840 |
| OptimalClass | 0.8398181 | 0.8675727 | 1.000 |
| knn_k3 | 0.8584983 | 0.8682176 | 0.850 |
| lvq_1 | 0.8740308 | 0.8686906 | 0.840 |
| LMT | 0.8834441 | 0.8689534 | 0.865 |
| gbm_2_150 | 0.9233934 | 0.8699079 | 0.850 |
| PART | 0.9690841 | 0.8707710 | 0.860 |
| J48 | 1.0077705 | 0.8713792 | 0.865 |
| J48Unp | 1.0077705 | 0.8713792 | 0.865 |
| mda_subc3 | 1.2095123 | 0.8738607 | 0.880 |
| mda_subc4 | 1.2095123 | 0.8738607 | 0.880 |
| gcvEarth_d2 | 1.3850012 | 0.8768132 | 0.870 |
| gcvEarth_d3 | 1.3850012 | 0.8768132 | 0.870 |
| svmPoly_d_3_s_0.1 | 1.4016921 | 0.8770625 | 0.875 |
| gbm_3_100 | 1.4020693 | 0.8770678 | 0.865 |
| gbm_2_100 | 1.4072737 | 0.8771399 | 0.865 |
| c5.0 | 1.4114541 | 0.8771960 | 0.875 |
| c5.0_winnow | 1.4114541 | 0.8771960 | 0.875 |
| ctree_c0.01 | 1.4114541 | 0.8771960 | 0.875 |
| ctree_c0.05 | 1.4114541 | 0.8771960 | 0.875 |
| ctree_c0.99 | 1.4114541 | 0.8771960 | 0.875 |
| JRip | 1.4114541 | 0.8771960 | 0.875 |
| mlp_3 | 1.4195050 | 0.8772996 | 0.875 |
| lvq_3 | 1.4269900 | 0.8773908 | 0.880 |
| svmRadialCost_C1 | 1.4269900 | 0.8773908 | 0.880 |
| svmRadialCost_C2 | 1.4269900 | 0.8773908 | 0.880 |
| knn_k9 | 1.4269900 | 0.8773908 | 0.880 |
| lbk_k5 | 1.4269900 | 0.8773908 | 0.880 |
| lbk_k7 | 1.4269900 | 0.8773908 | 0.880 |

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| lbk_k9 | 1.426990 | 0.8773908 | 0.880 |
| avNNet_decay0 | 1.430134 | 0.8774278 | 0.880 |
| LMT_CV | 1.432724 | 0.8774576 | 0.875 |
| LMT_AIC | 1.432724 | 0.8774576 | 0.875 |
| gbm_3_50 | 1.463172 | 0.8777731 | 0.875 |
| gbm_1_150 | 1.532356 | 0.8783271 | 0.880 |
| mlp_5 | 1.537026 | 0.8783594 | 0.880 |
| mlp_7 | 1.537026 | 0.8783594 | 0.880 |
| mlp_9 | 1.537026 | 0.8783594 | 0.880 |
| avNNet_decay01 | 1.537026 | 0.8783594 | 0.880 |
| pcaNNet | 1.538913 | 0.8783724 | 0.880 |
| rpart | 1.572111 | 0.8785903 | 0.880 |
| gbm_2_50 | 1.572796 | 0.8785946 | 0.880 |
| fda_prune9 | 1.693023 | 0.8792825 | 0.885 |
| fda_prune17 | 1.693023 | 0.8792825 | 0.885 |
| avNNet_decay1e04 | 1.693023 | 0.8792825 | 0.885 |
| lvq_5 | 1.693023 | 0.8792825 | 0.885 |
| gbm_1_50 | 1.693023 | 0.8792825 | 0.885 |
| gbm_1_100 | 1.693023 | 0.8792825 | 0.885 |
| bagFDA_prune4 | 1.693023 | 0.8792825 | 0.885 |
| bagFDA_prune8 | 1.693023 | 0.8792825 | 0.885 |
| bagFDA_prune16 | 1.693023 | 0.8792825 | 0.885 |
| gcvEarth_d1 | 1.693023 | 0.8792825 | 0.885 |
| parRF_mtry8 | 3.466696 | 0.8836327 | 0.860 |