

|     | methods             | abil    | avgProbsT | accuracy | avgProbs |
|-----|---------------------|---------|-----------|----------|----------|
| 125 | MinorityClass       | -3.5752 | 0.1897926 | 0.1935   | 0.1898   |
| 127 | PessimClass         | -3.2457 | 0.1964681 | 0.0000   | 0.1965   |
| 123 | RandomClass_C       | -2.1137 | 0.3706571 | 0.3903   | 0.3707   |
| 121 | RandomClass_A       | -2.1128 | 0.3709647 | 0.4129   | 0.3710   |
| 122 | RandomClass_B       | -2.0460 | 0.3939440 | 0.4129   | 0.3939   |
| 15  | sda_L0.0            | -1.9409 | 0.4310815 | 0.4742   | 0.4311   |
| 41  | svmRadialCost_C0.01 | -1.3636 | 0.5707337 | 0.4839   | 0.5707   |
| 51  | svmPoly_d_1_s_0.001 | -1.3636 | 0.5707337 | 0.4839   | 0.5707   |
| 124 | MajorityClass       | -1.3636 | 0.5707337 | 0.4839   | 0.5707   |
| 54  | svmPoly_d_2_s_0.001 | -1.1287 | 0.6015560 | 0.5903   | 0.6016   |
| 114 | pls_ncomp1          | -0.6109 | 0.6730488 | 0.6871   | 0.6730   |
| 116 | simpls_ncomp1       | -0.6109 | 0.6730488 | 0.6871   | 0.6730   |
| 57  | svmPoly_d_3_s_0.001 | -0.5222 | 0.6819092 | 0.6935   | 0.6819   |
| 45  | svmLinear_C0.01     | -0.1842 | 0.7207886 | 0.7290   | 0.7208   |
| 52  | svmPoly_d_1_s_0.01  | -0.1842 | 0.7207886 | 0.7290   | 0.7208   |
| 18  | fda_prune2          | -0.1575 | 0.7243793 | 0.7548   | 0.7244   |
| 28  | mlp_1               | -0.1395 | 0.7269211 | 0.7710   | 0.7269   |
| 70  | bagFDA_prune2       | -0.1327 | 0.7279096 | 0.7774   | 0.7279   |
| 42  | svmRadialCost_C0.1  | -0.1125 | 0.7309244 | 0.7355   | 0.7309   |
| 81  | rrf_mtry2           | -0.0796 | 0.7360410 | 0.7484   | 0.7360   |
| 108 | lbk_k1              | -0.0188 | 0.7455523 | 0.7710   | 0.7456   |
| 109 | lbk_k2              | -0.0004 | 0.7482051 | 0.7065   | 0.7482   |
| 115 | pls_ncomp2          | 0.0085  | 0.7494300 | 0.7581   | 0.7494   |
| 117 | simpls_ncomp2       | 0.0085  | 0.7494300 | 0.7581   | 0.7494   |
| 102 | knn_k1              | 0.0141  | 0.7501702 | 0.7871   | 0.7502   |
| 40  | SMV                 | 0.0167  | 0.7505046 | 0.7419   | 0.7505   |
| 103 | knn_k2              | 0.0209  | 0.7510477 | 0.8065   | 0.7510   |
| 36  | pcaNNet             | 0.0733  | 0.7570191 | 0.8000   | 0.7570   |
| 111 | lbk_k5              | 0.0739  | 0.7570895 | 0.7452   | 0.7571   |
| 112 | lbk_k7              | 0.0856  | 0.7582531 | 0.7516   | 0.7583   |
| 110 | lbk_k3              | 0.0922  | 0.7588928 | 0.7548   | 0.7589   |
| 113 | lbk_k9              | 0.0994  | 0.7595802 | 0.7516   | 0.7596   |
| 55  | svmPoly_d_2_s_0.01  | 0.1139  | 0.7609290 | 0.7581   | 0.7609   |
| 17  | sda_L1.0            | 0.1595  | 0.7649467 | 0.7613   | 0.7649   |
| 105 | knn_k5              | 0.1610  | 0.7650760 | 0.7806   | 0.7651   |

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| lvq_1              | 0.1642 | 0.7653466 | 0.7871   | 0.7653   |
| lvq_5              | 0.1642 | 0.7653546 | 0.7645   | 0.7654   |
| knn_k3             | 0.1701 | 0.7658621 | 0.7774   | 0.7659   |
| knn_k9             | 0.1826 | 0.7669358 | 0.7935   | 0.7669   |
| knn_k7             | 0.1951 | 0.7680157 | 0.7871   | 0.7680   |
| lvq_3              | 0.2420 | 0.7721843 | 0.7774   | 0.7722   |
| sda_L0.5           | 0.2534 | 0.7732266 | 0.7968   | 0.7732   |
| rbf                | 0.3710 | 0.7835177 | 0.8194   | 0.7835   |
| svmPoly_d_3_s_0.01 | 0.4700 | 0.7922020 | 0.7935   | 0.7922   |
| mda_subc3          | 0.5341 | 0.7985850 | 0.8226   | 0.7986   |
| mda_subc2          | 0.5441 | 0.7996500 | 0.8161   | 0.7996   |
| mda_subc4          | 0.5573 | 0.8010814 | 0.8000   | 0.8011   |
| JRip_Unp           | 0.5781 | 0.8033879 | 0.7742   | 0.8034   |
| svmRadialCost_C1   | 0.6188 | 0.8079675 | 0.8355   | 0.8080   |
| svmLineart_C0.1    | 0.6633 | 0.8128198 | 0.8452   | 0.8128   |
| svmPoly_d_2_s_0.1  | 0.6633 | 0.8128198 | 0.8452   | 0.8128   |
| rff_mtry8          | 0.6737 | 0.8138922 | 0.7677   | 0.8139   |
| rff_mtry128        | 0.6751 | 0.8140421 | 0.7677   | 0.8140   |
| NB                 | 0.6777 | 0.8142984 | 0.8323   | 0.8143   |
| NB_laplace         | 0.6777 | 0.8142984 | 0.8323   | 0.8143   |
| rff_mtry32         | 0.6795 | 0.8144824 | 0.7677   | 0.8145   |
| rff_mtry64         | 0.6881 | 0.8153321 | 0.7806   | 0.8153   |
| rff_mtry4          | 0.6885 | 0.8153716 | 0.7839   | 0.8154   |
| rff_mtry16         | 0.6919 | 0.8156978 | 0.7742   | 0.8157   |
| W_NB               | 0.7487 | 0.8206394 | 0.8387   | 0.8206   |
| bagFDA_prune4      | 0.7595 | 0.8214699 | 0.8452   | 0.8215   |
| gcvEarth_d3        | 0.7815 | 0.8230447 | 0.8290   | 0.8230   |
| c5.0               | 0.7847 | 0.8232653 | 0.8129   | 0.8233   |
| c5.0_winnow        | 0.7860 | 0.8233540 | 0.8000   | 0.8234   |
| cforest_mtry2      | 0.7863 | 0.8233714 | 0.8258   | 0.8234   |
| ctree_c0.99        | 0.8750 | 0.8285644 | 0.8161   | 0.8286   |
| JRip               | 0.8750 | 0.8285644 | 0.8161   | 0.8286   |
| svmRadialCost_C2   | 0.9961 | 0.8340523 | 0.8484   | 0.8341   |
| ctree_c0.01        | 1.0597 | 0.8365476 | 0.8323   | 0.8365   |
| ctree_c0.05        | 1.0597 | 0.8365476 | 0.8323   | 0.8365   |

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| PART              | 1.0632 | 0.8366805 | 0.8323   | 0.8367   |
| avNNet_decay0     | 1.1056 | 0.8382365 | 0.8387   | 0.8382   |
| svmPoly_d_1_s_0.1 | 1.1158 | 0.8386000 | 0.8613   | 0.8386   |
| svmPoly_d_3_s_0.1 | 1.1310 | 0.8391334 | 0.8613   | 0.8391   |
| gbm_3_50          | 1.1557 | 0.8399847 | 0.8194   | 0.8400   |
| OptimalClass      | 1.1899 | 0.8411199 | 1.0000   | 0.8411   |
| gbm_1_150         | 1.2713 | 0.8436319 | 0.8226   | 0.8436   |
| mlp_5             | 1.2815 | 0.8439250 | 0.8581   | 0.8439   |
| treeBag           | 1.3063 | 0.8446194 | 0.8258   | 0.8446   |
| gbm_1_50          | 1.3320 | 0.8453091 | 0.8516   | 0.8453   |
| cforest_mtry4     | 1.3504 | 0.8457864 | 0.8581   | 0.8458   |
| rpart             | 1.3893 | 0.8467423 | 0.8419   | 0.8467   |
| cforest_mtry32    | 1.4156 | 0.8473510 | 0.8516   | 0.8474   |
| J48               | 1.4196 | 0.8474413 | 0.8387   | 0.8474   |
| J48Unp            | 1.4196 | 0.8474413 | 0.8387   | 0.8474   |
| gcvEarth_d2       | 1.4204 | 0.8474591 | 0.8516   | 0.8475   |
| gbm_2_100         | 1.4331 | 0.8477412 | 0.8226   | 0.8477   |
| gbm_3_150         | 1.4333 | 0.8477457 | 0.8226   | 0.8477   |
| gbm_2_150         | 1.4527 | 0.8481627 | 0.8419   | 0.8482   |
| avNNet_decay1e04  | 1.4662 | 0.8484469 | 0.8419   | 0.8484   |
| gcvEarth_d1       | 1.4759 | 0.8486456 | 0.8419   | 0.8486   |
| gbm_1_100         | 1.5063 | 0.8492472 | 0.8323   | 0.8492   |
| cforest_mtry16    | 1.5108 | 0.8493341 | 0.8548   | 0.8493   |
| svmLinear_C1      | 1.5134 | 0.8493840 | 0.8742   | 0.8494   |
| gbm_3_100         | 1.5185 | 0.8494820 | 0.8290   | 0.8495   |
| svmLinear_C4      | 1.5218 | 0.8495433 | 0.8677   | 0.8495   |
| svmLinear_C8      | 1.5218 | 0.8495433 | 0.8677   | 0.8495   |
| cforest_mtry64    | 1.5320 | 0.8497341 | 0.8548   | 0.8497   |
| mlp_3             | 1.5429 | 0.8499332 | 0.8613   | 0.8499   |
| svmLinear_C2      | 1.5525 | 0.8501059 | 0.8677   | 0.8501   |
| gbm_2_50          | 1.5625 | 0.8502843 | 0.8355   | 0.8503   |
| cforest_mtry8     | 1.5649 | 0.8503261 | 0.8581   | 0.8503   |
| LMT               | 1.5823 | 0.8506267 | 0.8645   | 0.8506   |
| LMT_CV            | 1.5823 | 0.8506267 | 0.8645   | 0.8506   |
| LMT_AIC           | 1.5827 | 0.8506343 | 0.8645   | 0.8506   |

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| mlp_7           | 1.6324 | 0.8514503 | 0.8645   | 0.8515   |
| cforest_mtry128 | 1.6651 | 0.8519544 | 0.8548   | 0.8520   |
| mlp_9           | 1.6673 | 0.8519881 | 0.8581   | 0.8520   |
| bagFDA_prune8   | 1.6867 | 0.8522766 | 0.8710   | 0.8523   |
| fda_prune9      | 1.7549 | 0.8532331 | 0.8452   | 0.8532   |
| fda_prune17     | 1.7549 | 0.8532331 | 0.8452   | 0.8532   |
| avNNet_decay01  | 1.8753 | 0.8547603 | 0.8742   | 0.8548   |
| bagFDA_prune16  | 1.9116 | 0.8551945 | 0.8516   | 0.8552   |
| parRF_mtry2     | 2.1733 | 0.8584362 | 0.8452   | 0.8584   |
| rf_mtry2        | 2.5925 | 0.8654022 | 0.8581   | 0.8654   |
| rf_mtry64       | 2.6352 | 0.8659815 | 0.8419   | 0.8660   |
| parRF_mtry32    | 2.6560 | 0.8662484 | 0.8387   | 0.8662   |
| parRF_mtry8     | 2.6587 | 0.8662830 | 0.8516   | 0.8663   |
| parRF_mtry4     | 2.8045 | 0.8679095 | 0.8452   | 0.8679   |
| parRF_mtry64    | 2.8536 | 0.8683754 | 0.8419   | 0.8684   |
| parRF_mtry128   | 2.8573 | 0.8684087 | 0.8484   | 0.8684   |
| rf_mtry8        | 3.0916 | 0.8701648 | 0.8484   | 0.8702   |
| rf_mtry4        | 3.0946 | 0.8701834 | 0.8516   | 0.8702   |
| rf_mtry32       | 3.1928 | 0.8707269 | 0.8484   | 0.8707   |
| parRF_mtry16    | 3.2149 | 0.8708355 | 0.8452   | 0.8708   |
| rf_mtry128      | 3.2175 | 0.8708478 | 0.8484   | 0.8708   |
| rf_mtry16       | 3.2493 | 0.8709956 | 0.8452   | 0.8710   |