

|     | methods             | abil    | avgProbs | accuracy |
|-----|---------------------|---------|----------|----------|
| 125 | MinorityClass       | -3.3047 | 0.0995   | 0.215    |
| 127 | PessimClass         | -2.6334 | 0.1013   | 0.000    |
| 69  | treeBag             | -2.0520 | 0.2716   | 0.400    |
| 121 | RandomClass_A       | -2.0517 | 0.2725   | 0.410    |
| 123 | RandomClass_C       | -2.0471 | 0.2857   | 0.330    |
| 122 | RandomClass_B       | -2.0454 | 0.2909   | 0.410    |
| 124 | MajorityClass       | -1.6614 | 0.5026   | 0.395    |
| 41  | svmRadialCost_C0.01 | -1.1614 | 0.5396   | 0.470    |
| 51  | svmPoly_d_1_s_0.001 | -1.1614 | 0.5396   | 0.470    |
| 54  | svmPoly_d_2_s_0.001 | -1.1614 | 0.5396   | 0.470    |
| 57  | svmPoly_d_3_s_0.001 | -0.8327 | 0.7252   | 0.690    |
| 45  | svmLinear_C0.01     | -0.4045 | 0.7974   | 0.780    |
| 52  | svmPoly_d_1_s_0.01  | -0.4045 | 0.7974   | 0.780    |
| 55  | svmPoly_d_2_s_0.01  | -0.4045 | 0.7974   | 0.780    |
| 58  | svmPoly_d_3_s_0.01  | -0.4045 | 0.7974   | 0.780    |
| 114 | pls_ncomp1          | -0.4045 | 0.7974   | 0.780    |
| 115 | pls_ncomp2          | -0.4045 | 0.7974   | 0.780    |
| 116 | simpls_ncomp1       | -0.4045 | 0.7974   | 0.780    |
| 117 | simpls_ncomp2       | -0.4045 | 0.7974   | 0.780    |
| 28  | mlp_1               | -0.0165 | 0.8632   | 0.855    |
| 36  | pcaNNet             | -0.0132 | 0.8721   | 0.905    |
| 18  | fda_prune2          | -0.0008 | 0.9119   | 0.930    |
| 35  | avNNet_decay0       | 0.0027  | 0.9207   | 0.950    |
| 40  | SMV                 | 0.0109  | 0.9343   | 0.935    |
| 46  | svmLineart_C0.1     | 0.0109  | 0.9343   | 0.935    |
| 56  | svmPoly_d_2_s_0.1   | 0.0109  | 0.9343   | 0.935    |
| 70  | bagFDA_prune2       | 0.0125  | 0.9359   | 0.955    |
| 42  | svmRadialCost_C0.1  | 0.2765  | 0.9502   | 0.965    |
| 15  | sda_L0.0            | 0.2780  | 0.9502   | 0.960    |
| 16  | sda_L0.5            | 0.2780  | 0.9502   | 0.960    |
| 17  | sda_L1.0            | 0.2780  | 0.9502   | 0.960    |
| 47  | svmLinear_C1        | 0.2780  | 0.9502   | 0.965    |
| 48  | svmLinear_C2        | 0.2780  | 0.9502   | 0.965    |
| 118 | gcvEarth_d1         | 0.2839  | 0.9503   | 0.960    |
| 5   | LMT                 | 0.4499  | 0.9523   | 0.970    |

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| LMT_CV            | 0.4499 | 0.9523   | 0.970    |
| mda_subc3         | 0.4499 | 0.9523   | 0.970    |
| svmLinear_C4      | 0.4499 | 0.9523   | 0.970    |
| svmPoly_d_1_s_0.1 | 0.4499 | 0.9523   | 0.965    |
| c5.0              | 0.4854 | 0.9526   | 0.965    |
| c5.0_winnow       | 0.4854 | 0.9526   | 0.965    |
| J48               | 0.4854 | 0.9526   | 0.965    |
| J48Unp            | 0.4854 | 0.9526   | 0.965    |
| PART              | 0.4854 | 0.9526   | 0.965    |
| JRip_Unp          | 0.5770 | 0.9536   | 0.960    |
| avNNet_decay01    | 0.6318 | 0.9549   | 0.970    |
| bagFDA_prune4     | 0.6647 | 0.9646   | 0.970    |
| gcvEarth_d2       | 0.6659 | 0.9653   | 0.965    |
| gcvEarth_d3       | 0.6659 | 0.9653   | 0.965    |
| cforest_mtry4     | 0.6701 | 0.9678   | 0.965    |
| cforest_mtry16    | 0.6701 | 0.9678   | 0.965    |
| cforest_mtry32    | 0.6701 | 0.9678   | 0.965    |
| cforest_mtry64    | 0.6701 | 0.9678   | 0.965    |
| cforest_mtry128   | 0.6701 | 0.9678   | 0.965    |
| mlp_5             | 0.6713 | 0.9684   | 0.970    |
| gbm_2_50          | 0.6713 | 0.9684   | 0.970    |
| LMT_AIC           | 0.6853 | 0.9722   | 0.965    |
| ctree_c0.01       | 0.6862 | 0.9723   | 0.970    |
| ctree_c0.05       | 0.6862 | 0.9723   | 0.970    |
| ctree_c0.99       | 0.6862 | 0.9723   | 0.970    |
| JRip              | 0.6862 | 0.9723   | 0.970    |
| cforest_mtry2     | 0.6862 | 0.9723   | 0.970    |
| cforest_mtry8     | 0.6862 | 0.9723   | 0.970    |
| knn_k2            | 0.7367 | 0.9748   | 0.960    |
| lbk_k1            | 0.7508 | 0.9751   | 0.970    |
| mda_subc4         | 0.7510 | 0.9751   | 0.970    |
| svmLinear_C8      | 0.7671 | 0.9754   | 0.975    |
| lvq_3             | 0.7681 | 0.9754   | 0.975    |
| lbk_k2            | 0.7681 | 0.9754   | 0.975    |
| lbk_k3            | 0.7681 | 0.9754   | 0.975    |

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| lbk_k5            | 0.7681 | 0.9754   | 0.975    |
| lbk_k7            | 0.7681 | 0.9754   | 0.975    |
| lbk_k9            | 0.7681 | 0.9754   | 0.975    |
| fda_prune9        | 0.7730 | 0.9755   | 0.970    |
| fda_prune17       | 0.7730 | 0.9755   | 0.970    |
| gbm_1_150         | 0.7731 | 0.9755   | 0.970    |
| rrf_mtry2         | 0.7731 | 0.9755   | 0.970    |
| rrf_mtry4         | 0.7731 | 0.9755   | 0.970    |
| rrf_mtry8         | 0.7731 | 0.9755   | 0.970    |
| rrf_mtry16        | 0.7731 | 0.9755   | 0.970    |
| rrf_mtry32        | 0.7731 | 0.9755   | 0.970    |
| rrf_mtry64        | 0.7731 | 0.9755   | 0.970    |
| rrf_mtry128       | 0.7731 | 0.9755   | 0.970    |
| gbm_2_100         | 0.7822 | 0.9756   | 0.970    |
| OptimalClass      | 0.7932 | 0.9757   | 1.000    |
| knn_k1            | 0.7950 | 0.9757   | 0.975    |
| gbm_3_100         | 0.8073 | 0.9758   | 0.975    |
| mlp_3             | 0.8162 | 0.9759   | 0.975    |
| mlp_7             | 0.8162 | 0.9759   | 0.975    |
| mlp_9             | 0.8162 | 0.9759   | 0.975    |
| avNNet_decay1e04  | 0.8162 | 0.9759   | 0.975    |
| gbm_3_50          | 0.8398 | 0.9760   | 0.975    |
| bagFDA_prune8     | 0.8398 | 0.9760   | 0.975    |
| rpart             | 1.0027 | 0.9768   | 0.980    |
| mda_subc2         | 1.0027 | 0.9768   | 0.980    |
| W_NB              | 1.0027 | 0.9768   | 0.980    |
| NB                | 1.0027 | 0.9768   | 0.980    |
| NB_laplace        | 1.0027 | 0.9768   | 0.980    |
| rbf               | 1.0027 | 0.9768   | 0.980    |
| lvq_1             | 1.0027 | 0.9768   | 0.980    |
| lvq_5             | 1.0027 | 0.9768   | 0.980    |
| svmRadialCost_C1  | 1.0027 | 0.9768   | 0.980    |
| svmRadialCost_C2  | 1.0027 | 0.9768   | 0.980    |
| svmPoly_d_3_s_0.1 | 1.0027 | 0.9768   | 0.980    |
| gbm_1_50          | 1.0027 | 0.9768   | 0.980    |

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| gbm_1_100      | 1.0027 | 0.9768   | 0.98     |
| gbm_2_150      | 1.0027 | 0.9768   | 0.98     |
| gbm_3_150      | 1.0027 | 0.9768   | 0.98     |
| bagFDA_prune16 | 1.0027 | 0.9768   | 0.98     |
| rf_mtry2       | 1.0027 | 0.9768   | 0.98     |
| rf_mtry4       | 1.0027 | 0.9768   | 0.98     |
| rf_mtry8       | 1.0027 | 0.9768   | 0.98     |
| rf_mtry16      | 1.0027 | 0.9768   | 0.98     |
| rf_mtry32      | 1.0027 | 0.9768   | 0.98     |
| rf_mtry64      | 1.0027 | 0.9768   | 0.98     |
| rf_mtry128     | 1.0027 | 0.9768   | 0.98     |
| parRF_mtry2    | 1.0027 | 0.9768   | 0.98     |
| parRF_mtry4    | 1.0027 | 0.9768   | 0.98     |
| parRF_mtry8    | 1.0027 | 0.9768   | 0.98     |
| parRF_mtry16   | 1.0027 | 0.9768   | 0.98     |
| parRF_mtry32   | 1.0027 | 0.9768   | 0.98     |
| parRF_mtry64   | 1.0027 | 0.9768   | 0.98     |
| parRF_mtry128  | 1.0027 | 0.9768   | 0.98     |
| knn_k3         | 1.0027 | 0.9768   | 0.98     |
| knn_k5         | 1.0027 | 0.9768   | 0.98     |
| knn_k7         | 1.0027 | 0.9768   | 0.98     |
| knn_k9         | 1.0027 | 0.9768   | 0.98     |