

|     | methods             | abil    | avgProbs | accuracy |
|-----|---------------------|---------|----------|----------|
| 125 | MinorityClass       | -2.7971 | 0.1243   | 0.195    |
| 127 | PessimistClass      | -2.5382 | 0.1190   | 0.000    |
| 123 | RandomClass_C       | -2.0526 | 0.2728   | 0.395    |
| 69  | treeBag             | -2.0490 | 0.2911   | 0.380    |
| 122 | RandomClass_B       | -2.0489 | 0.2916   | 0.385    |
| 121 | RandomClass_A       | -2.0460 | 0.3069   | 0.375    |
| 124 | MajorityClass       | -1.6529 | 0.5044   | 0.405    |
| 41  | svmRadialCost_C0.01 | -1.1251 | 0.5296   | 0.485    |
| 51  | svmPoly_d_1_s_0.001 | -1.1251 | 0.5296   | 0.485    |
| 54  | svmPoly_d_2_s_0.001 | -1.1251 | 0.5296   | 0.485    |
| 57  | svmPoly_d_3_s_0.001 | -0.6424 | 0.7199   | 0.705    |
| 45  | svmLinear_C0.01     | -0.1869 | 0.7932   | 0.780    |
| 52  | svmPoly_d_1_s_0.01  | -0.1869 | 0.7932   | 0.780    |
| 55  | svmPoly_d_2_s_0.01  | -0.1869 | 0.7932   | 0.780    |
| 58  | svmPoly_d_3_s_0.01  | -0.1869 | 0.7932   | 0.780    |
| 114 | pls_ncomp1          | -0.1869 | 0.7932   | 0.780    |
| 115 | pls_ncomp2          | -0.1869 | 0.7932   | 0.780    |
| 116 | simpls_ncomp1       | -0.1869 | 0.7932   | 0.780    |
| 117 | simpls_ncomp2       | -0.1869 | 0.7932   | 0.780    |
| 28  | mlp_1               | 0.2322  | 0.8191   | 0.835    |
| 36  | pcaNNet             | 0.5132  | 0.8437   | 0.910    |
| 70  | bagFDA_prune2       | 0.6694  | 0.8663   | 0.875    |
| 18  | fda_prune2          | 0.6746  | 0.8853   | 0.895    |
| 40  | SMV                 | 0.6748  | 0.8862   | 0.895    |
| 46  | svmLineart_C0.1     | 0.6748  | 0.8862   | 0.895    |
| 56  | svmPoly_d_2_s_0.1   | 0.6748  | 0.8862   | 0.895    |
| 42  | svmRadialCost_C0.1  | 0.6815  | 0.9023   | 0.915    |
| 81  | rrf_mtry2           | 0.6939  | 0.9061   | 0.920    |
| 82  | rrf_mtry4           | 0.6939  | 0.9061   | 0.920    |
| 83  | rrf_mtry8           | 0.6939  | 0.9061   | 0.920    |
| 84  | rrf_mtry16          | 0.6939  | 0.9061   | 0.920    |
| 85  | rrf_mtry32          | 0.6939  | 0.9061   | 0.920    |
| 86  | rrf_mtry64          | 0.6939  | 0.9061   | 0.920    |
| 87  | rrf_mtry128         | 0.6939  | 0.9061   | 0.920    |
| 15  | sda_L0.0            | 0.8757  | 0.9095   | 0.915    |

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| sda_L0.5          | 0.8757 | 0.9095   | 0.915    |
| sda_L1.0          | 0.8757 | 0.9095   | 0.915    |
| svmLinear_C1      | 0.8757 | 0.9095   | 0.915    |
| svmLinear_C2      | 0.8757 | 0.9095   | 0.915    |
| svmLinear_C4      | 0.8757 | 0.9095   | 0.915    |
| svmPoly_d_1_s_0.1 | 0.8757 | 0.9095   | 0.925    |
| LMT               | 0.8912 | 0.9142   | 0.925    |
| avNNet_decay01    | 1.1224 | 0.9170   | 0.930    |
| svmLinear_C8      | 1.1224 | 0.9170   | 0.920    |
| rbf               | 1.1415 | 0.9214   | 0.925    |
| gbm_2_50          | 1.1431 | 0.9214   | 0.940    |
| LMT_AIC           | 1.1462 | 0.9215   | 0.930    |
| JRip_Unp          | 1.1977 | 0.9219   | 0.930    |
| lbk_k3            | 1.2475 | 0.9223   | 0.945    |
| bagFDA_prune4     | 1.3443 | 0.9296   | 0.935    |
| W_NB              | 1.3525 | 0.9349   | 0.940    |
| NB                | 1.3525 | 0.9349   | 0.940    |
| NB_laplace        | 1.3525 | 0.9349   | 0.940    |
| svmPoly_d_3_s_0.1 | 1.3525 | 0.9349   | 0.940    |
| LMT_CV            | 1.3554 | 0.9371   | 0.940    |
| gcvEarth_d1       | 1.3554 | 0.9371   | 0.940    |
| lbk_k9            | 1.3570 | 0.9390   | 0.945    |
| c5.0              | 1.3571 | 0.9390   | 0.940    |
| c5.0_winnow       | 1.3571 | 0.9390   | 0.940    |
| J48               | 1.3571 | 0.9390   | 0.940    |
| J48Unp            | 1.3571 | 0.9390   | 0.940    |
| ctree_c0.01       | 1.3571 | 0.9390   | 0.940    |
| ctree_c0.05       | 1.3571 | 0.9390   | 0.940    |
| ctree_c0.99       | 1.3571 | 0.9390   | 0.940    |
| JRip              | 1.3571 | 0.9390   | 0.940    |
| PART              | 1.3571 | 0.9390   | 0.940    |
| cforest_mtry2     | 1.3571 | 0.9390   | 0.940    |
| cforest_mtry4     | 1.3571 | 0.9390   | 0.940    |
| cforest_mtry8     | 1.3571 | 0.9390   | 0.940    |
| cforest_mtry16    | 1.3571 | 0.9390   | 0.940    |

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| cforest_mtry32  | 1.3571 | 0.9390   | 0.940    |
| cforest_mtry64  | 1.3571 | 0.9390   | 0.940    |
| cforest_mtry128 | 1.3571 | 0.9390   | 0.940    |
| mda_subc3       | 1.3575 | 0.9395   | 0.945    |
| lbk_k2          | 1.3612 | 0.9453   | 0.930    |
| mda_subc2       | 1.3613 | 0.9454   | 0.950    |
| mda_subc4       | 1.3613 | 0.9454   | 0.950    |
| lvq_1           | 1.3613 | 0.9454   | 0.950    |
| knn_k7          | 1.3613 | 0.9454   | 0.950    |
| lbk_k5          | 1.3613 | 0.9454   | 0.950    |
| lbk_k7          | 1.3613 | 0.9454   | 0.950    |
| knn_k2          | 1.3704 | 0.9494   | 0.935    |
| OptimalClass    | 1.3711 | 0.9494   | 1.000    |
| knn_k1          | 1.3712 | 0.9494   | 0.935    |
| lbk_k1          | 1.3719 | 0.9495   | 0.940    |
| gbm_2_100       | 1.3722 | 0.9495   | 0.945    |
| gbm_3_150       | 1.3728 | 0.9495   | 0.945    |
| gbm_1_150       | 1.3735 | 0.9495   | 0.940    |
| gbm_2_150       | 1.3738 | 0.9495   | 0.940    |
| rf_mtry16       | 1.3739 | 0.9495   | 0.945    |
| lvq_5           | 1.3752 | 0.9495   | 0.950    |
| avNNet_decay0   | 1.3759 | 0.9495   | 0.950    |
| gbm_3_50        | 1.3765 | 0.9495   | 0.950    |
| gbm_3_100       | 1.3765 | 0.9495   | 0.950    |
| fda_prune9      | 1.6759 | 0.9517   | 0.940    |
| fda_prune17     | 1.6759 | 0.9517   | 0.940    |
| bagFDA_prune8   | 1.6759 | 0.9517   | 0.950    |
| bagFDA_prune16  | 1.6759 | 0.9517   | 0.950    |
| rf_mtry2        | 1.6814 | 0.9518   | 0.950    |
| rf_mtry4        | 1.6814 | 0.9518   | 0.950    |
| rf_mtry8        | 1.6814 | 0.9518   | 0.950    |
| rf_mtry32       | 1.6814 | 0.9518   | 0.950    |
| rf_mtry64       | 1.6814 | 0.9518   | 0.950    |
| rf_mtry128      | 1.6814 | 0.9518   | 0.950    |
| parRF_mtry2     | 1.6814 | 0.9518   | 0.950    |

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| parRF_mtry4      | 1.6814 | 0.9518   | 0.950    |
| parRF_mtry8      | 1.6814 | 0.9518   | 0.950    |
| parRF_mtry16     | 1.6814 | 0.9518   | 0.950    |
| parRF_mtry32     | 1.6814 | 0.9518   | 0.950    |
| parRF_mtry64     | 1.6814 | 0.9518   | 0.950    |
| parRF_mtry128    | 1.6814 | 0.9518   | 0.950    |
| knn_k3           | 1.6814 | 0.9518   | 0.950    |
| rpart            | 1.6987 | 0.9519   | 0.955    |
| mlp_3            | 1.6987 | 0.9519   | 0.955    |
| mlp_5            | 1.6987 | 0.9519   | 0.955    |
| mlp_7            | 1.6987 | 0.9519   | 0.955    |
| mlp_9            | 1.6987 | 0.9519   | 0.955    |
| avNNet_decay1e04 | 1.6987 | 0.9519   | 0.955    |
| lvq_3            | 1.6987 | 0.9519   | 0.955    |
| svmRadialCost_C1 | 1.6987 | 0.9519   | 0.955    |
| svmRadialCost_C2 | 1.6987 | 0.9519   | 0.955    |
| gbm_1_50         | 1.6987 | 0.9519   | 0.955    |
| gbm_1_100        | 1.6987 | 0.9519   | 0.955    |
| knn_k5           | 1.6987 | 0.9519   | 0.955    |
| knn_k9           | 1.6987 | 0.9519   | 0.955    |
| gcvEarth_d2      | 1.6987 | 0.9519   | 0.955    |
| gcvEarth_d3      | 1.6987 | 0.9519   | 0.955    |