

| | methods | abil | avgProbs | accuracy |
|----|---------------------|---------------|------------|-----------|
| 1 | MinorityClass | -3.5099547860 | 0.06717116 | 0.2000000 |
| 2 | pls_ncomp3 | -3.1248928506 | 0.06850518 | 0.0000000 |
| 3 | simpls_ncomp3 | -3.1248928506 | 0.06850518 | 0.0000000 |
| 4 | PessimClass | -3.1248928506 | 0.06850518 | 0.0000000 |
| 5 | RandomClass_A | -2.0587880255 | 0.31049797 | 0.3666667 |
| 6 | RandomClass_C | -2.0587148754 | 0.31091600 | 0.3866667 |
| 7 | treeBag | -2.0502373090 | 0.36231808 | 0.4033333 |
| 8 | RandomClass_B | -2.0500755502 | 0.36332230 | 0.3900000 |
| 9 | svmRadialCost_C0.01 | -2.0415467283 | 0.41415596 | 0.4100000 |
| 10 | svmPoly_d_1_s_0.001 | -2.0415467283 | 0.41415596 | 0.4100000 |
| 11 | MajorityClass | -2.0415467283 | 0.41415596 | 0.4100000 |
| 12 | svmPoly_d_2_s_0.001 | -1.6896209803 | 0.60518817 | 0.5433333 |
| 13 | svmLinear_C0.01 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 14 | svmPoly_d_1_s_0.01 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 15 | svmPoly_d_2_s_0.01 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 16 | svmPoly_d_3_s_0.001 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 17 | svmPoly_d_3_s_0.01 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 18 | pls_ncomp1 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 19 | pls_ncomp2 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 20 | simpls_ncomp1 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 21 | simpls_ncomp2 | -0.3324708800 | 0.75925690 | 0.7633333 |
| 22 | mlp_1 | -0.0044413280 | 0.83699385 | 0.8466667 |
| 23 | fda_prune2 | -0.0038753437 | 0.84108409 | 0.8666667 |
| 24 | bagFDA_prune2 | -0.0014119858 | 0.85979721 | 0.8833333 |
| 25 | pcaNNet | -0.0009239339 | 0.86334459 | 0.9000000 |
| 26 | sda_L0.5 | 0.0008836191 | 0.87517998 | 0.8933333 |
| 27 | sda_L1.0 | 0.0008836191 | 0.87517998 | 0.8933333 |
| 28 | sda_L0.0 | 0.0008847255 | 0.87518652 | 0.8900000 |
| 29 | SMV | 0.0027815473 | 0.88504103 | 0.9033333 |
| 30 | svmLineart_C0.1 | 0.0027815473 | 0.88504103 | 0.9033333 |
| 31 | svmPoly_d_2_s_0.1 | 0.0027815473 | 0.88504103 | 0.9033333 |
| 32 | knn_k2 | 0.1433959512 | 0.90311664 | 0.9166667 |
| 33 | lbk_k2 | 0.1473040779 | 0.90320253 | 0.9133333 |
| 34 | svmLinear_C1 | 0.6652593216 | 0.91466887 | 0.9233333 |
| 35 | svmLinear_C8 | 0.6693916882 | 0.91784922 | 0.9266667 |

| methods | abil | avgProbs | accuracy |
|---------------|-----------|-----------|-----------|
| svmLinear_C2 | 0.6717950 | 0.9205943 | 0.9300000 |
| svmLinear_C4 | 0.6717950 | 0.9205943 | 0.9300000 |
| lvq_5 | 0.6754558 | 0.9276092 | 0.9300000 |
| NB | 0.6770425 | 0.9306240 | 0.9400000 |
| NB_laplace | 0.6770425 | 0.9306240 | 0.9400000 |
| rrf_mtry2 | 0.6848420 | 0.9343097 | 0.8933333 |
| rrf_mtry4 | 0.6848420 | 0.9343097 | 0.8933333 |
| rrf_mtry8 | 0.6848420 | 0.9343097 | 0.8933333 |
| rrf_mtry16 | 0.6848420 | 0.9343097 | 0.8933333 |
| rrf_mtry32 | 0.6848420 | 0.9343097 | 0.8933333 |
| rrf_mtry64 | 0.6848420 | 0.9343097 | 0.8933333 |
| rrf_mtry128 | 0.6848420 | 0.9343097 | 0.8933333 |
| lbk_k1 | 0.6849109 | 0.9343133 | 0.9033333 |
| knn_k1 | 0.6851336 | 0.9343244 | 0.9066667 |
| OptimalClass | 0.6856057 | 0.9343453 | 1.0000000 |
| rf_mtry8 | 0.6876970 | 0.9344106 | 0.9200000 |
| rf_mtry16 | 0.6876970 | 0.9344106 | 0.9200000 |
| rf_mtry64 | 0.6876970 | 0.9344106 | 0.9200000 |
| rf_mtry128 | 0.6876970 | 0.9344106 | 0.9200000 |
| parRF_mtry4 | 0.6876970 | 0.9344106 | 0.9200000 |
| parRF_mtry64 | 0.6876970 | 0.9344106 | 0.9200000 |
| parRF_mtry128 | 0.6876970 | 0.9344106 | 0.9200000 |
| lvq_1 | 0.6880456 | 0.9344187 | 0.9300000 |
| LMT_AIC | 0.6900375 | 0.9344570 | 0.9366667 |
| rf_mtry2 | 0.6901075 | 0.9344581 | 0.9233333 |
| rf_mtry4 | 0.6901075 | 0.9344581 | 0.9233333 |
| parRF_mtry2 | 0.6901075 | 0.9344581 | 0.9233333 |
| parRF_mtry32 | 0.6901075 | 0.9344581 | 0.9233333 |
| rf_mtry32 | 0.6906076 | 0.9344661 | 0.9233333 |
| parRF_mtry8 | 0.6906076 | 0.9344661 | 0.9233333 |
| parRF_mtry16 | 0.6906076 | 0.9344661 | 0.9233333 |
| rbf | 0.6926605 | 0.9344955 | 0.9266667 |
| gbm_3_150 | 0.7013783 | 0.9345947 | 0.9300000 |
| mda_subc4 | 0.7635169 | 0.9352059 | 0.9366667 |
| W_NB | 0.7752937 | 0.9353171 | 0.9433333 |

| methods | abil | avgProbs | accuracy |
|--------------------|-----------|-----------|-----------|
| cforest_mtry2 | 0.7938743 | 0.9354898 | 0.9366667 |
| cforest_mtry4 | 0.7938743 | 0.9354898 | 0.9366667 |
| cforest_mtry8 | 0.7938743 | 0.9354898 | 0.9366667 |
| cforest_mtry16 | 0.7938743 | 0.9354898 | 0.9366667 |
| cforest_mtry32 | 0.7938743 | 0.9354898 | 0.9366667 |
| cforest_mtry64 | 0.7938743 | 0.9354898 | 0.9366667 |
| cforest_mtry128 | 0.7938743 | 0.9354898 | 0.9366667 |
| LMT | 0.9323611 | 0.9366754 | 0.9366667 |
| LMT_CV | 0.9326206 | 0.9366775 | 0.9366667 |
| mlp_3 | 0.9395756 | 0.9367325 | 0.9366667 |
| bagFDA_prune8 | 0.9395756 | 0.9367325 | 0.9366667 |
| gcvEarth_d1 | 0.9395756 | 0.9367325 | 0.9366667 |
| gcvEarth_d2 | 0.9395756 | 0.9367325 | 0.9366667 |
| gcvEarth_d3 | 0.9395756 | 0.9367325 | 0.9366667 |
| avNNet_decay01 | 0.9395756 | 0.9367325 | 0.9333333 |
| bagFDA_prune4 | 0.9395756 | 0.9367325 | 0.9333333 |
| lbk_k3 | 1.0064563 | 0.9372408 | 0.9333333 |
| svmRadialCost_C1 | 1.0482994 | 0.9375404 | 0.9400000 |
| knn_k5 | 1.0482994 | 0.9375404 | 0.9400000 |
| lbk_k5 | 1.0482994 | 0.9375404 | 0.9400000 |
| knn_k3 | 1.0642251 | 0.9376509 | 0.9333333 |
| gbm_2_100 | 1.0674383 | 0.9376729 | 0.9333333 |
| gbm_2_150 | 1.0674384 | 0.9376729 | 0.9366667 |
| mlp_5 | 1.1474983 | 0.9381980 | 0.9400000 |
| mlp_7 | 1.1474983 | 0.9381980 | 0.9400000 |
| mlp_9 | 1.1474983 | 0.9381980 | 0.9400000 |
| avNNet_decay1e04 | 1.1474983 | 0.9381980 | 0.9400000 |
| bagFDA_prune16 | 1.1474983 | 0.9381980 | 0.9400000 |
| gbm_3_50 | 1.2257852 | 0.9386685 | 0.9366667 |
| svmRadialCost_C0.1 | 1.2287308 | 0.9386854 | 0.9433333 |
| gbm_1_150 | 1.3115487 | 0.9391393 | 0.9400000 |
| gbm_3_100 | 1.3115487 | 0.9391393 | 0.9366667 |
| JRip_Unp | 1.3496775 | 0.9393348 | 0.9366667 |
| svmPoly_d_1_s_0.1 | 1.3496777 | 0.9393348 | 0.9400000 |
| c5.0 | 1.3496780 | 0.9393348 | 0.9400000 |

| methods | abil | avgProbs | accuracy |
|-------------------|----------|-----------|-----------|
| c5.0_winnow | 1.349678 | 0.9393348 | 0.9400000 |
| J48 | 1.349678 | 0.9393348 | 0.9400000 |
| J48Unp | 1.349678 | 0.9393348 | 0.9400000 |
| ctree_c0.01 | 1.349678 | 0.9393348 | 0.9400000 |
| ctree_c0.05 | 1.349678 | 0.9393348 | 0.9400000 |
| ctree_c0.99 | 1.349678 | 0.9393348 | 0.9400000 |
| JRip | 1.349678 | 0.9393348 | 0.9400000 |
| PART | 1.349678 | 0.9393348 | 0.9400000 |
| gbm_1_50 | 1.349678 | 0.9393348 | 0.9400000 |
| mda_subc2 | 1.365922 | 0.9394157 | 0.9466667 |
| mda_subc3 | 1.503516 | 0.9400460 | 0.9433333 |
| lvq_3 | 1.503516 | 0.9400460 | 0.9433333 |
| svmRadialCost_C2 | 1.503516 | 0.9400460 | 0.9433333 |
| svmPoly_d_3_s_0.1 | 1.503516 | 0.9400460 | 0.9433333 |
| knn_k7 | 1.503516 | 0.9400460 | 0.9433333 |
| knn_k9 | 1.503516 | 0.9400460 | 0.9433333 |
| lbk_k7 | 1.503516 | 0.9400460 | 0.9433333 |
| lbk_k9 | 1.503516 | 0.9400460 | 0.9433333 |
| gbm_1_100 | 1.516890 | 0.9401024 | 0.9433333 |
| gbm_2_50 | 1.516890 | 0.9401024 | 0.9433333 |
| rpart | 1.681310 | 0.9407343 | 0.9433333 |
| fda_prune9 | 1.681310 | 0.9407343 | 0.9433333 |
| fda_prune17 | 1.681310 | 0.9407343 | 0.9433333 |
| avNNet_decay0 | 1.681310 | 0.9407343 | 0.9433333 |