

| | methods | abil | avgProbsT | accuracy | avgProbs |
|-----|---------------------|---------|-----------|----------|----------|
| 121 | RandomClass_A | -2.1435 | 0.3313848 | 0.3458 | 0.3314 |
| 51 | svmPoly_d_1_s_0.001 | -2.0747 | 0.3308189 | 0.3551 | 0.3308 |
| 54 | svmPoly_d_2_s_0.001 | -2.0747 | 0.3308189 | 0.3551 | 0.3308 |
| 57 | svmPoly_d_3_s_0.001 | -2.0747 | 0.3308189 | 0.3551 | 0.3308 |
| 45 | svmLinear_C0.01 | -2.0713 | 0.3307626 | 0.3738 | 0.3308 |
| 52 | svmPoly_d_1_s_0.01 | -2.0713 | 0.3307626 | 0.3738 | 0.3308 |
| 41 | svmRadialCost_C0.01 | -2.0654 | 0.3306607 | 0.3364 | 0.3307 |
| 42 | svmRadialCost_C0.1 | -2.0654 | 0.3306607 | 0.3364 | 0.3307 |
| 122 | RandomClass_B | -2.0616 | 0.3305936 | 0.3364 | 0.3306 |
| 127 | PessimialClass | -2.0300 | 0.3300736 | 0.0000 | 0.3301 |
| 125 | MinorityClass | -2.0256 | 0.3300166 | 0.2897 | 0.3300 |
| 70 | bagFDA_prune2 | -1.9985 | 0.3298328 | 0.0841 | 0.3298 |
| 71 | bagFDA_prune4 | -1.9899 | 0.3298472 | 0.1776 | 0.3298 |
| 124 | MajorityClass | -1.9676 | 0.3300692 | 0.3551 | 0.3301 |
| 114 | pls_ncomp1 | -1.9479 | 0.3304846 | 0.4019 | 0.3305 |
| 116 | simpls_ncomp1 | -1.9479 | 0.3304846 | 0.4019 | 0.3305 |
| 28 | mlp_1 | -1.5177 | 0.3597623 | 0.4486 | 0.3598 |
| 11 | ctree_c0.99 | -1.4585 | 0.3663217 | 0.3551 | 0.3663 |
| 12 | JRip | -1.4585 | 0.3663217 | 0.3551 | 0.3663 |
| 123 | RandomClass_C | -1.3745 | 0.3777751 | 0.3551 | 0.3778 |
| 18 | fda_prune2 | -1.3589 | 0.3801654 | 0.4299 | 0.3802 |
| 72 | bagFDA_prune8 | -1.3531 | 0.3810681 | 0.2897 | 0.3811 |
| 55 | svmPoly_d_2_s_0.01 | -1.0900 | 0.4162973 | 0.4299 | 0.4163 |
| 8 | rpart | -0.9686 | 0.4290533 | 0.4206 | 0.4291 |
| 19 | fda_prune9 | -0.7835 | 0.4545233 | 0.4953 | 0.4545 |
| 20 | fda_prune17 | -0.7835 | 0.4545233 | 0.4953 | 0.4545 |
| 118 | gcvEarth_d1 | -0.7723 | 0.4567065 | 0.5047 | 0.4567 |
| 73 | bagFDA_prune16 | -0.7470 | 0.4622897 | 0.4766 | 0.4623 |
| 58 | svmPoly_d_3_s_0.01 | -0.6769 | 0.4808308 | 0.4860 | 0.4808 |
| 40 | SMV | -0.6681 | 0.4829897 | 0.4953 | 0.4830 |
| 46 | svmLineart_C0.1 | -0.6675 | 0.4831298 | 0.4953 | 0.4831 |
| 56 | svmPoly_d_2_s_0.1 | -0.6675 | 0.4831298 | 0.4953 | 0.4831 |
| 22 | mda_subc3 | -0.6667 | 0.4833176 | 0.4673 | 0.4833 |
| 47 | svmLinear_C1 | -0.6649 | 0.4837576 | 0.4953 | 0.4838 |
| 48 | svmLinear_C2 | -0.6649 | 0.4837575 | 0.5047 | 0.4838 |

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| svmLinear_C4 | −0.6649 | 0.4837575 | 0.5047 | 0.4838 |
| svmLinear_C8 | −0.6649 | 0.4837575 | 0.5047 | 0.4838 |
| sda_L0.0 | −0.6582 | 0.4853077 | 0.4953 | 0.4853 |
| gcvEarth_d3 | −0.6582 | 0.4853179 | 0.5327 | 0.4853 |
| ctree_c0.01 | −0.6563 | 0.4857476 | 0.4579 | 0.4857 |
| ctree_c0.05 | −0.6563 | 0.4857476 | 0.4579 | 0.4857 |
| gcvEarth_d2 | −0.6535 | 0.4863720 | 0.5421 | 0.4864 |
| lvq_5 | −0.6448 | 0.4882747 | 0.4953 | 0.4883 |
| knn_k9 | −0.6423 | 0.4887982 | 0.5140 | 0.4888 |
| mda_subc2 | −0.5066 | 0.5061963 | 0.4860 | 0.5062 |
| svmPoly_d_1_s_0.1 | −0.4947 | 0.5072295 | 0.4953 | 0.5072 |
| JRip_Unp | −0.3965 | 0.5151684 | 0.5514 | 0.5152 |
| pls_ncomp2 | −0.3754 | 0.5167697 | 0.5140 | 0.5168 |
| simpls_ncomp2 | −0.3754 | 0.5167697 | 0.5140 | 0.5168 |
| mlp_3 | −0.3284 | 0.5202537 | 0.5701 | 0.5203 |
| mlp_5 | −0.2733 | 0.5242520 | 0.5794 | 0.5243 |
| mlp_9 | −0.1692 | 0.5321735 | 0.5421 | 0.5322 |
| gbm_1_50 | −0.1551 | 0.5333871 | 0.6075 | 0.5334 |
| LMT_AIC | −0.0808 | 0.5416404 | 0.5701 | 0.5416 |
| LMT | −0.0709 | 0.5431181 | 0.5701 | 0.5431 |
| sda_L0.5 | −0.0679 | 0.5435906 | 0.5421 | 0.5436 |
| sda_L1.0 | −0.0679 | 0.5435906 | 0.5421 | 0.5436 |
| W_NB | −0.0617 | 0.5446242 | 0.5888 | 0.5446 |
| cforest_mtry8 | −0.0578 | 0.5452877 | 0.5607 | 0.5453 |
| lbk_k9 | −0.0537 | 0.5460373 | 0.5327 | 0.5460 |
| NB | −0.0437 | 0.5479520 | 0.5981 | 0.5480 |
| NB_laplace | −0.0437 | 0.5479520 | 0.5981 | 0.5480 |
| cforest_mtry2 | −0.0409 | 0.5485230 | 0.6075 | 0.5485 |
| knn_k7 | −0.0383 | 0.5490826 | 0.4953 | 0.5491 |
| cforest_mtry4 | −0.0332 | 0.5501985 | 0.5888 | 0.5502 |
| svmRadialCost_C1 | −0.0247 | 0.5522050 | 0.5234 | 0.5522 |
| cforest_mtry16 | −0.0228 | 0.5526776 | 0.5794 | 0.5527 |
| mlp_7 | −0.0214 | 0.5530200 | 0.5794 | 0.5530 |
| svmPoly_d_3_s_0.1 | −0.0202 | 0.5533501 | 0.5421 | 0.5534 |
| lvq_3 | −0.0180 | 0.5539188 | 0.5421 | 0.5539 |

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| avNNet_decay01 | -0.0174 | 0.5540783 | 0.5701 | 0.5541 |
| lbk_k7 | -0.0162 | 0.5543913 | 0.5234 | 0.5544 |
| lbk_k5 | -0.0132 | 0.5551970 | 0.5514 | 0.5552 |
| mda_subc4 | -0.0121 | 0.5555017 | 0.4953 | 0.5555 |
| cforest_mtry64 | -0.0118 | 0.5555928 | 0.5701 | 0.5556 |
| knn_k5 | 0.0001 | 0.5591539 | 0.6075 | 0.5592 |
| gbm_1_100 | 0.0117 | 0.5629786 | 0.6262 | 0.5630 |
| cforest_mtry128 | 0.0148 | 0.5640505 | 0.5794 | 0.5641 |
| cforest_mtry32 | 0.0183 | 0.5653087 | 0.5888 | 0.5653 |
| c5.0_winnow | 0.0310 | 0.5700028 | 0.5981 | 0.5700 |
| lbk_k2 | 0.0352 | 0.5715835 | 0.6168 | 0.5716 |
| gbm_3_100 | 0.0384 | 0.5728101 | 0.6075 | 0.5728 |
| gbm_3_50 | 0.0495 | 0.5769864 | 0.5888 | 0.5770 |
| gbm_2_50 | 0.0506 | 0.5773863 | 0.5981 | 0.5774 |
| knn_k3 | 0.0569 | 0.5796557 | 0.5234 | 0.5797 |
| lvq_1 | 0.0597 | 0.5806479 | 0.5514 | 0.5806 |
| pcaNNet | 0.0631 | 0.5818377 | 0.5514 | 0.5818 |
| svmRadialCost_C2 | 0.0654 | 0.5825974 | 0.6262 | 0.5826 |
| gbm_1_150 | 0.0698 | 0.5840661 | 0.6355 | 0.5841 |
| lbk_k3 | 0.0738 | 0.5853116 | 0.5140 | 0.5853 |
| avNNet_decay1e04 | 0.0750 | 0.5856839 | 0.6822 | 0.5857 |
| LMT_CV | 0.0908 | 0.5900296 | 0.6168 | 0.5900 |
| avNNet_decay0 | 0.4327 | 0.6239028 | 0.6729 | 0.6239 |
| gbm_2_100 | 0.6208 | 0.6548168 | 0.6542 | 0.6548 |
| PART | 0.6602 | 0.6684166 | 0.6636 | 0.6684 |
| gbm_3_150 | 0.6759 | 0.6745473 | 0.6636 | 0.6745 |
| c5.0 | 0.6772 | 0.6750371 | 0.6168 | 0.6750 |
| J48 | 0.6849 | 0.6781633 | 0.6355 | 0.6782 |
| J48Unp | 0.6849 | 0.6781633 | 0.6355 | 0.6782 |
| knn_k2 | 0.6917 | 0.6809212 | 0.5981 | 0.6809 |
| gbm_2_150 | 0.7322 | 0.6984229 | 0.7103 | 0.6984 |
| rf_mtry2 | 1.2199 | 0.7848774 | 0.8037 | 0.7849 |
| treeBag | 1.2469 | 0.7880709 | 0.7570 | 0.7881 |
| knn_k1 | 1.2790 | 0.7919626 | 0.7944 | 0.7920 |
| parRF_mtry2 | 1.3303 | 0.7971055 | 0.7850 | 0.7971 |

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| rbf | 1.3455 | 0.7982382 | 0.7850 | 0.7982 |
| lbk_k1 | 1.4062 | 0.8012827 | 0.8224 | 0.8013 |
| parRF_mtry128 | 1.6006 | 0.8047663 | 0.7944 | 0.8048 |
| rf_mtry4 | 1.6936 | 0.8055111 | 0.7944 | 0.8055 |
| rf_mtry8 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| rf_mtry16 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| rf_mtry32 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| rf_mtry64 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| rf_mtry128 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| parRF_mtry4 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| parRF_mtry8 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| parRF_mtry16 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| parRF_mtry32 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| parRF_mtry64 | 1.7783 | 0.8060028 | 0.7850 | 0.8060 |
| OptimalClass | 2.1418 | 0.8120206 | 1.0000 | 0.8120 |
| rrf_mtry2 | 2.2705 | 0.8148558 | 0.7757 | 0.8149 |
| rrf_mtry4 | 2.2955 | 0.8150638 | 0.7664 | 0.8151 |
| rrf_mtry8 | 2.2955 | 0.8150638 | 0.7664 | 0.8151 |
| rrf_mtry16 | 2.2955 | 0.8150638 | 0.7664 | 0.8151 |
| rrf_mtry32 | 2.2955 | 0.8150638 | 0.7664 | 0.8151 |
| rrf_mtry64 | 2.2955 | 0.8150638 | 0.7664 | 0.8151 |
| rrf_mtry128 | 2.2955 | 0.8150638 | 0.7664 | 0.8151 |