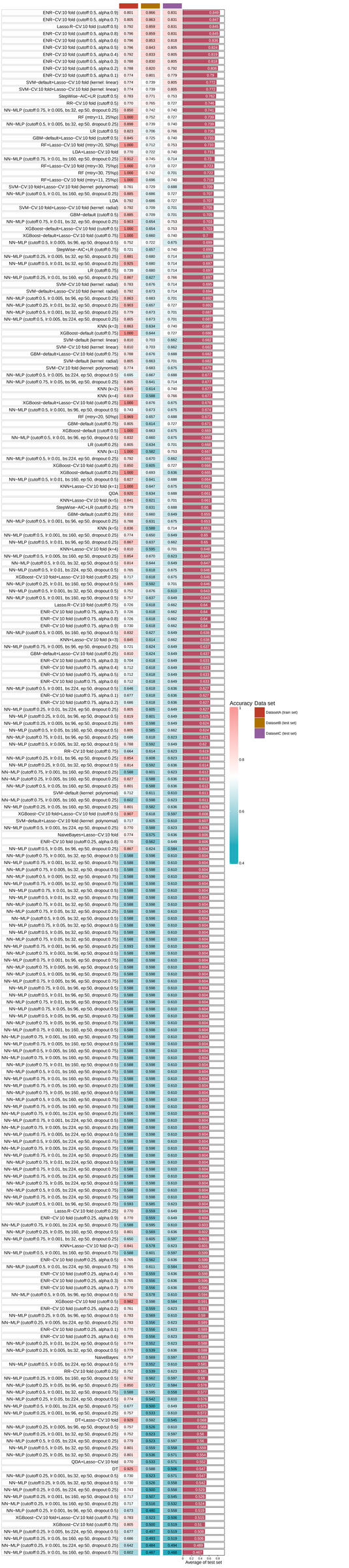
ENR−CV:10 fold (cutoff:0.5, alpha:0.9) 0.801 0.866 0.831 0.849
ENR−CV:10 fold (cutoff:0.5, alpha:0.7) 0.805 0.863 0.831 0.847
Lasso.R−CV:10 fold (cutoff:0.5) 0.792 0.859 0.831 0.845
ENR−CV:10 fold (cutoff:0.5, alpha:0.8) 0.796 0.859 0.831 0.845
ENR−CV:10 fold (cutoff:0.5, alpha:0.6) 0.796 0.853 0.818 0.836
ENR−CV:10 fold (cutoff:0.5, alpha:0.5) 0.796 0.843 0.805 0.824
ENR−CV:10 fold (cutoff:0.5, alpha:0.4) 0.792 0.833 0.805 0.819
ENR−CV:10 fold (cutoff:0.5, alpha:0.3) 0.788 0.830 0.805 0.817
ENR−CV:10 fold (cutoff:0.5, alpha:0.2) 0.788 0.820 0.792 0.806
ENR−CV:10 fold (cutoff:0.5, alpha:0.1) 0.774 0.801 0.779 0.79
SVM−default+Lasso−CV:10 fold (kernel: linear) 0.774 0.739 0.805 0.772
SVM−CV:10 fold+Lasso−CV:10 fold (kernel: linear) 0.774 0.739 0.805 0.772
StepWise−AIC+LR (cutoff:0.5) 0.783 0.771 0.753 0.762
RR−CV:10 fold (cutoff:0.5) 0.770 0.765 0.727 0.746
NN−MLP (cutoff:0.75, lr:0.005, bs:32, ep:50, dropout:0.25) 0.850 0.742 0.740 0.741
RF (mtry=11, 25%tp) 1.000 0.752 0.727 0.739
NN−MLP (cutoff:0.5, lr:0.005, bs:32, ep:50, dropout:0.25) 0.899 0.739 0.740 0.739
LR (cutoff:0.5) 0.823 0.706 0.766 0.736
GBM−default+Lasso−CV:10 fold (cutoff:0.5) 0.845 0.725 0.740 0.733
RF+Lasso−CV:10 fold (mtry=20, 50%tp) 1.000 0.712 0.753 0.732
LDA+Lasso−CV:10 fold 0.770 0.722 0.740 0.731
NN−MLP (cutoff:0.75, lr:0.01, bs:160, ep:50, dropout:0.25) 0.912 0.745 0.714 0.73
RF+Lasso−CV:10 fold (mtry=30, 75%tp) 1.000 0.719 0.727 0.723
RF (mtry=30, 75%tp) 1.000 0.742 0.701 0.722
RF+Lasso−CV:10 fold (mtry=11, 25%tp) 1.000 0.696 0.740 0.716
SVM−CV:10 fold+Lasso−CV:10 fold (kernel: polynomial) 0.761 0.729 0.688 0.709
NN−MLP (cutoff:0.5, lr:0.01, bs:160, ep:50, dropout:0.25) 0.885 0.686 0.727 0.707
LDA 0.792 0.686 0.727 0.707
SVM−CV:10 fold+Lasso−CV:10 fold (kernel: radial) 0.792 0.709 0.701 0.705
GBM−default (cutoff:0.5) 0.885 0.709 0.701 0.705
NN−MLP (cutoff:0.75, lr:0.01, bs:32, ep:50, dropout:0.25) 0.903 0.654 0.753 0.703
XGBoost−default+Lasso−CV:10 fold (cutoff:0.5) 1.000 0.654 0.753 0.703
XGBoost−default+Lasso−CV:10 fold (cutoff:0.75) 1.000 0.660 0.740 0.7
NN−MLP (cutoff:0.5, lr:0.005, bs:96, ep:50, dropout:0.5) 0.752 0.722 0.675 0.699
StepWise−AIC+LR (cutoff:0.75) 0.721 0.657 0.740 0.699
NN−MLP (cutoff:0.25, lr:0.01, bs:32, ep:50, dropout:0.25) 0.881 0.680 0.714 0.697
NN−MLP (cutoff:0.5, lr:0.01, bs:32, ep:50, dropout:0.25) 0.925 0.680 0.714 0.697
LR (cutoff:0.75) 0.739 0.680 0.714 0.697
NN−MLP (cutoff:0.25, lr:0.01, bs:160, ep:50, dropout:0.25) 0.867 0.627 0.766 0.697
SVM−CV:10 fold (kernel: radial) 0.783 0.676 0.714 0.695
SVM−default+Lasso−CV:10 fold (kernel: radial) 0.792 0.673 0.714 0.694
NN−MLP (cutoff:0.5, lr:0.005, bs:96, ep:50, dropout:0.25) 0.863 0.683 0.701 0.692
NN−MLP (cutoff:0.25, lr:0.01, bs:32, ep:50, dropout:0.25) 0.903 0.657 0.727 0.692
NN−MLP (cutoff:0.5, lr:0.001, bs:32, ep:50, dropout:0.25) 0.779 0.673 0.701 0.687
NN−MLP (cutoff:0.5, lr:0.005, bs:224, ep:50, dropout:0.25) 0.805 0.673 0.701 0.687
KNN (k=3) 0.863 0.634 0.740 0.685
XGBoost−default (cutoff:0.75) 1.000 0.644 0.727 0.685
SVM−default (kernel: linear) 0.810 0.703 0.662 0.682
SVM−CV:10 fold (kernel: linear) 0.810 0.703 0.662 0.682
GBM−default+Lasso−CV:10 fold (cutoff:0.75) 0.788 0.676 0.688 0.682
SVM−default (kernel: radial) 0.805 0.663 0.701 0.682
SVM−CV:10 fold (kernel: polynomial) 0.774 0.683 0.675 0.679
NN−MLP (cutoff:0.5, lr:0.005, bs:224, ep:50, dropout:0.5) 0.695 0.667 0.688 0.677
NN−MLP (cutoff:0.75, lr:0.05, bs:96, ep:50, dropout:0.25) 0.805 0.641 0.714 0.677
KNN (k=2) 0.845 0.614 0.740 0.672
KNN (k=4) 0.819 0.588 0.766 0.672
XGBoost−default+Lasso−CV:10 fold (cutoff:0.25) 1.000 0.676 0.675 0.676
NN−MLP (cutoff:0.5, lr:0.001, bs:96, ep:50, dropout:0.5) 0.743 0.673 0.675 0.674
RF (mtry=20, 50%tp) 0.969 0.657 0.688 0.672
GBM−default (cutoff:0.75) 0.805 0.614 0.727 0.671
XGBoost−default (cutoff:0.5) 1.000 0.663 0.675 0.669
NN−MLP (cutoff:0.5, lr:0.01, bs:96, ep:50, dropout:0.5) 0.832 0.660 0.675 0.668
LR (cutoff:0.25) 0.805 0.634 0.701 0.668
KNN (k=1) 1.000 0.582 0.753 0.667
NN−MLP (cutoff:0.5, lr:0.01, bs:224, ep:50, dropout:0.25) 0.792 0.670 0.662 0.666
XGBoost−CV:10 fold (cutoff:0.25) 0.850 0.605 0.727 0.666
XGBoost−default (cutoff:0.25) 1.000 0.693 0.636 0.663
NN−MLP (cutoff:0.5, lr:0.01, bs:160, ep:50, dropout:0.5) 0.827 0.641 0.688 0.664
KNN+Lasso−CV:10 fold (k=1) 1.000 0.647 0.675 0.661
QDA 0.920 0.634 0.688 0.661
KNN+Lasso−CV:10 fold (k=5) 0.841 0.621 0.701 0.661
StepWise−AIC+LR (cutoff:0.25) 0.779 0.631 0.688 0.659
GBM−default (cutoff:0.25) 0.810 0.660 0.649 0.655
NN−MLP (cutoff:0.5, lr:0.001, bs:96, ep:50, dropout:0.25) 0.788 0.631 0.675 0.653
KNN (k=5) 0.836 0.588 0.714 0.651
NN−MLP (cutoff:0.5, lr:0.001, bs:160, ep:50, dropout:0.25) 0.774 0.650 0.649 0.65
NN−MLP (cutoff:0.5, lr:0.01, bs:96, ep:50, dropout:0.25) 0.867 0.637 0.662 0.65
KNN+Lasso−CV:10 fold (k=4) 0.810 0.595 0.701 0.648
NN−MLP (cutoff:0.5, lr:0.005, bs:160, ep:50, dropout:0.25) 0.854 0.670 0.623 0.647
NN−MLP (cutoff:0.5, lr:0.01, bs:32, ep:50, dropout:0.5) 0.814 0.644 0.649 0.646
NN−MLP (cutoff:0.5, lr:0.01, bs:224, ep:50, dropout:0.5) 0.765 0.618 0.675 0.646
XGBoost−CV:10 fold+Lasso−CV:10 fold (cutoff:0.25) 0.717 0.618 0.675 0.646
NN−MLP (cutoff:0.25, lr:0.01, bs:160, ep:50, dropout:0.5) 0.805 0.592 0.701 0.645
NN−MLP (cutoff:0.5, lr:0.001, bs:32, ep:50, dropout:0.5) 0.752 0.676 0.610 0.643
NN−MLP (cutoff:0.5, lr:0.01, bs:160, ep:50, dropout:0.5) 0.757 0.637 0.649 0.643
Lasso.R−CV:10 fold (cutoff:0.75) 0.726 0.618 0.662 0.64
ENR−CV:10 fold (cutoff:0.75, alpha:0.7) 0.726 0.618 0.662 0.64
ENR−CV:10 fold (cutoff:0.75, alpha:0.8) 0.726 0.618 0.662 0.64
ENR−CV:10 fold (cutoff:0.75, alpha:0.9) 0.726 0.618 0.662 0.64
NN−MLP (cutoff:0.5, lr:0.005, bs:160, ep:50, dropout:0.5) 0.832 0.627 0.649 0.638
KNN+Lasso−CV:10 fold (k=3) 0.845 0.614 0.662 0.638
NN−MLP (cutoff:0.75, lr:0.005, bs:96, ep:50, dropout:0.25) 0.721 0.624 0.649 0.637
GBM−default+Lasso−CV:10 fold (cutoff:0.25) 0.810 0.624 0.649 0.637
ENR−CV:10 fold (cutoff:0.75, alpha:0.3) 0.704 0.618 0.649 0.633
ENR−CV:10 fold (cutoff:0.75, alpha:0.4) 0.712 0.618 0.649 0.633
ENR−CV:10 fold (cutoff:0.75, alpha:0.5) 0.712 0.618 0.649 0.633
ENR−CV:10 fold (cutoff:0.75, alpha:0.6) 0.712 0.618 0.649 0.633
NN−MLP (cutoff:0.5, lr:0.001, bs:224, ep:50, dropout:0.5) 0.646 0.618 0.636 0.627
ENR−CV:10 fold (cutoff:0.75, alpha:0.1) 0.677 0.618 0.636 0.627
ENR−CV:10 fold (cutoff:0.75, alpha:0.2) 0.686 0.618 0.636 0.627
NN−MLP (cutoff:0.5, lr:0.01, bs:224, ep:50, dropout:0.25) 0.805 0.605 0.649 0.626
NN−MLP (cutoff:0.25, lr:0.01, bs:96, ep:50, dropout:0.5) 0.819 0.601 0.649 0.625
NN−MLP (cutoff:0.25, lr:0.005, bs:96, ep:50, dropout:0.25) 0.805 0.598 0.649 0.624
NN−MLP (cutoff:0.5, lr:0.05, bs:160, ep:50, dropout:0.5) 0.805 0.585 0.662 0.624
NN−MLP (cutoff:0.5, lr:0.01, bs:96, ep:50, dropout:0.25) 0.686 0.618 0.623 0.621
NN−MLP (cutoff:0.5, lr:0.005, bs:32, ep:50, dropout:0.5) 0.788 0.592 0.649 0.62
RR−CV:10 fold (cutoff:0.75) 0.664 0.614 0.623 0.619
NN−MLP (cutoff:0.25, lr:0.01, bs:96, ep:50, dropout:0.25) 0.854 0.608 0.623 0.616
NN−MLP (cutoff:0.25, lr:0.01, bs:32, ep:50, dropout:0.5) 0.814 0.592 0.636 0.614
NN−MLP (cutoff:0.75, lr:0.001, bs:160, ep:50, dropout:0.25) 0.588 0.601 0.623 0.612
NN−MLP (cutoff:0.25, lr:0.005, bs:160, ep:50, dropout:0.25) 0.827 0.588 0.636 0.612
NN−MLP (cutoff:0.5, lr:0.05, bs:160, ep:50, dropout:0.25) 0.801 0.588 0.636 0.612
SVM−default (kernel: polynomial) 0.712 0.611 0.610 0.611
NN−MLP (cutoff:0.75, lr:0.005, bs:160, ep:50, dropout:0.25) 0.602 0.598 0.623 0.61
NN−MLP (cutoff:0.25, lr:0.05, bs:160, ep:50, dropout:0.25) 0.801 0.582 0.636 0.609
XGBoost−CV:10 fold+Lasso−CV:10 fold (cutoff:0.5) 0.907 0.618 0.597 0.606
SVM−default+Lasso−CV:10 fold (kernel: polynomial) 0.717 0.605 0.610 0.607
NN−MLP (cutoff:0.5, lr:0.001, bs:224, ep:50, dropout:0.25) 0.770 0.588 0.623 0.605
NaiveBayes+Lasso−CV:10 fold 0.774 0.575 0.636 0.605
ENR−CV:10 fold (cutoff:0.25, alpha:0.8) 0.770 0.562 0.649 0.605
NN−MLP (cutoff:0.5, lr:0.05, bs:96, ep:50, dropout:0.25) 0.867 0.624 0.584 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:32, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:32, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.005, bs:32, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.005, bs:32, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.005, bs:32, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.01, bs:32, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.01, bs:32, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.01, bs:32, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.05, bs:32, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.05, bs:32, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:96, ep:50, dropout:0.5) 0.593 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:96, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:96, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.005, bs:96, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.005, bs:96, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.005, bs:96, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.01, bs:96, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.01, bs:96, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.01, bs:96, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.05, bs:96, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.05, bs:96, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.05, bs:96, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:160, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:160, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.005, bs:160, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.005, bs:160, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.005, bs:160, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.01, bs:160, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.01, bs:160, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.01, bs:160, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.05, bs:160, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.05, bs:160, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.05, bs:160, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:224, ep:50, dropout:0.5) 0.606 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:224, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.005, bs:224, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.005, bs:224, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.005, bs:224, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.01, bs:224, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.01, bs:224, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.05, bs:224, ep:50, dropout:0.5) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.75, lr:0.05, bs:224, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.05, bs:224, ep:50, dropout:0.75) 0.588 0.598 0.610 0.604
NN−MLP (cutoff:0.5, lr:0.001, bs:96, ep:50, dropout:0.75) 0.593 0.585 0.623 0.604
Lasso.R−CV:10 fold (cutoff:0.25) 0.770 0.559 0.649 0.604
ENR−CV:10 fold (cutoff:0.25, alpha:0.9) 0.770 0.559 0.649 0.604
NN−MLP (cutoff:0.75, lr:0.001, bs:224, ep:50, dropout:0.75) 0.588 0.595 0.610 0.603
NN−MLP (cutoff:0.25, lr:0.05, bs:160, ep:50, dropout:0.5) 0.801 0.569 0.636 0.602
NN−MLP (cutoff:0.75, lr:0.001, bs:32, ep:50, dropout:0.25) 0.650 0.605 0.597 0.601
KNN+Lasso−CV:10 fold (k=2) 0.841 0.578 0.623 0.601
NN−MLP (cutoff:0.5, lr:0.001, bs:160, ep:50, dropout:0.75) 0.588 0.601 0.597 0.599
ENR−CV:10 fold (cutoff:0.25, alpha:0.5) 0.765 0.562 0.636 0.599
NN−MLP (cutoff:0.5, lr:0.01, bs:224, ep:50, dropout:0.75) 0.765 0.611 0.584 0.598
ENR−CV:10 fold (cutoff:0.25, alpha:0.4) 0.765 0.559 0.636 0.598
ENR−CV:10 fold (cutoff:0.25, alpha:0.3) 0.765 0.556 0.636 0.596
ENR−CV:10 fold (cutoff:0.25, alpha:0.7) 0.770 0.556 0.636 0.596
NN−MLP (cutoff:0.5, lr:0.05, bs:96, ep:50, dropout:0.75) 0.792 0.578 0.610 0.594
XGBoost−CV:10 fold (cutoff:0.5) 0.982 0.598 0.584 0.591
ENR−CV:10 fold (cutoff:0.25, alpha:0.2) 0.761 0.559 0.623 0.591
NN−MLP (cutoff:0.25, lr:0.05, bs:96, ep:50, dropout:0.5) 0.783 0.569 0.610 0.59
NN−MLP (cutoff:0.25, lr:0.005, bs:224, ep:50, dropout:0.25) 0.783 0.556 0.623 0.589
ENR−CV:10 fold (cutoff:0.25, alpha:0.1) 0.770 0.556 0.623 0.589
ENR−CV:10 fold (cutoff:0.25, alpha:0.6) 0.765 0.556 0.623 0.589
NN−MLP (cutoff:0.25, lr:0.01, bs:224, ep:50, dropout:0.5) 0.774 0.552 0.623 0.588
NN−MLP (cutoff:0.25, lr:0.005, bs:32, ep:50, dropout:0.5) 0.779 0.539 0.636 0.587
NaiveBayes 0.757 0.569 0.597 0.583
NN−MLP (cutoff:0.5, lr:0.05, bs:224, ep:50, dropout:0.5) 0.779 0.552 0.610 0.581
RR−CV:10 fold (cutoff:0.25) 0.752 0.539 0.623 0.581
NN−MLP (cutoff:0.25, lr:0.05, bs:160, ep:50, dropout:0.5) 0.792 0.562 0.597 0.579
NN−MLP (cutoff:0.25, lr:0.05, bs:96, ep:50, dropout:0.25) 0.850 0.572 0.584 0.578
NN−MLP (cutoff:0.5, lr:0.001, bs:32, ep:50, dropout:0.75) 0.588 0.595 0.558 0.577
NN−MLP (cutoff:0.25, lr:0.05, bs:224, ep:50, dropout:0.5) 0.774 0.542 0.610 0.576
NN−MLP (cutoff:0.5, lr:0.001, bs:224, ep:50, dropout:0.75) 0.677 0.500 0.649 0.574
NN−MLP (cutoff:0.25, lr:0.001, bs:96, ep:50, dropout:0.25) 0.757 0.533 0.610 0.571
DT+Lasso−CV:10 fold 0.929 0.592 0.545 0.568
NN−MLP (cutoff:0.25, lr:0.005, bs:96, ep:50, dropout:0.5) 0.757 0.526 0.610 0.568
NN−MLP (cutoff:0.25, lr:0.001, bs:32, ep:50, dropout:0.25) 0.752 0.523 0.597 0.56
NN−MLP (cutoff:0.5, lr:0.05, bs:224, ep:50, dropout:0.25) 0.779 0.523 0.597 0.56
NN−MLP (cutoff:0.5, lr:0.05, bs:32, ep:50, dropout:0.25) 0.801 0.559 0.558 0.559
NN−MLP (cutoff:0.25, lr:0.05, bs:32, ep:50, dropout:0.25) 0.801 0.536 0.571 0.554
QDA+Lasso−CV:10 fold 0.770 0.533 0.571 0.552
DT 0.805 0.588 0.506 0.547
NN−MLP (cutoff:0.25, lr:0.001, bs:32, ep:50, dropout:0.5) 0.730 0.523 0.571 0.547
NN−MLP (cutoff:0.25, lr:0.05, bs:32, ep:50, dropout:0.5) 0.730 0.526 0.558 0.541
NN−MLP (cutoff:0.25, lr:0.05, bs:224, ep:50, dropout:0.25) 0.743 0.500 0.558 0.529
NN−MLP (cutoff:0.25, lr:0.001, bs:160, ep:50, dropout:0.5) 0.717 0.507 0.545 0.525
NN−MLP (cutoff:0.25, lr:0.01, bs:160, ep:50, dropout:0.25) 0.717 0.518 0.532 0.524
NN−MLP (cutoff:0.25, lr:0.001, bs:96, ep:50, dropout:0.5) 0.673 0.480 0.558 0.519
XGBoost−CV:10 fold+Lasso−CV:10 fold (cutoff:0.75) 0.783 0.523 0.506 0.515
XGBoost−CV:10 fold (cutoff:0.75) 0.805 0.500 0.519 0.51
NN−MLP (cutoff:0.25, lr:0.005, bs:224, ep:50, dropout:0.5) 0.677 0.497 0.519 0.508
NN−MLP (cutoff:0.25, lr:0.05, bs:160, ep:50, dropout:0.75) 0.686 0.493 0.519 0.506
NN−MLP (cutoff:0.25, lr:0.001, bs:224, ep:50, dropout:0.25) 0.642 0.484 0.494 0.489
NN−MLP (cutoff:0.25, lr:0.01, bs:160, ep:50, dropout:0.75) 0.602 0.467 0.468 0.467
0 0.2 0.4 0.6 0.8
Average of test set
Accuracy Data set
1
0.8
0.6
0.4
DatasetA (train set)
DatasetB (test set)
DatasetC (test set)