

ROC curve comparing various machine learning models. The y-axis is TPR (or Recall) and the x-axis is FPR. The models are: Random (dashed black line), SVM (blue line), Regularized Gradient Boosting (orange line), Logistic regression (green line), Extremely Randomized Trees (red line), Ensemble Model (purple line), and Two-layer NN (brown line). The Two-layer NN shows the highest performance, followed by the Ensemble Model, Regularized Gradient Boosting, Extremely Randomized Trees, Logistic regression, SVM, and finally the Random baseline.

