

Model	AUC-ROC	AUC-PR	Specificity	Sensitivity	PPV	Accuracy
Random Forest	0.7434	0.5551	0.3077	0.9459	0.6667	0.780
SVM	0.5943	0.4016	0.1795	0.9459	0.5385	0.7467
Logistic Regression	0.7829	0.6118	0.4872	0.9009	0.6333	0.7933
Neural Network	0.4002	0.2048	0.077	0.9459	0.3333	0.720
KNN	0.7533	0.6880	0.5385	0.9820	0.9130	0.8667
LACE			0.7647	0.6250	0.5556	0.7826

Table 1: Performance comparison of different models for predicting deterioration. The results shown on the table are based on fixing sensitivity to be around 0.95. In general, KNN is a good model for predicting risk of deterioration.