

Performance Evaluation

Logistic Regression

1. Logistic Regression on Telco Customer Churn Dataset:

Performance Measure	Training (tanh)	Test (tanh)
Accuracy	0.79	0.79
TPR/Sensitivity/Recall	0.83	0.84
TNR/Specificity	0.63	0.61
PPV/Precision	0.88	0.89
False Discovery Rate	0.12	0.10
F1 Score	0.86	0.87