Binary Classification

Example: binary models for Titanic dataset

Models comparison based on Accuracy

Model	Train	CV	Test
LgR (default: C=1, penalty=l2,…)	0.81	0.8128	0.78
LgR (best grid: C=10, penalty=l1)	0.82	0.8144	0.77
RF (default: n_estimators=10, max_depth=None,…)	0.97	0.78	0.82
RF (best grid: n_estimators=10, max_depth=3)	0.88	0.8368	0.8
GB (default: n_estimators=100, max_depth=3,…)	0.906	0.8188	0.8
GB (default: n_estimators=30, max_depth=3)	0.87	0.84	0.789