



Algorithm	Extended	Gene Holdout	Module Holdout
— Random Forest (25 nodes)	0.955	0.956	0.953
— Random Forest (2 nodes)	0.936	0.935	0.932
— Random Forest (10 nodes)	0.950	0.952	0.948
— Random Forest (100 nodes)	0.958	0.958	0.956
— Random Forest (Inf nodes)	0.958	0.958	0.956
--- Logistic Regression	0.942	0.943	0.941
--- Neural Network (1x12 nodes)	0.944	0.941	0.941
--- Neural Network (2x12 nodes)	0.942	0.944	0.940
--- Neural Network (3x12 nodes)	0.943	0.940	0.942
--- Neural Network (4x12 nodes)	0.942	0.942	0.942
--- Neural Network (1x24 nodes)	0.943	0.944	0.942
--- Neural Network (2x24 nodes)	0.947	0.942	0.943
--- Neural Network (3x24 nodes)	0.945	0.944	0.942
--- Neural Network (4x24 nodes)	0.952	0.953	0.951
--- Random Guessing	0.500	0.500	0.500