

	CN2				QUESTGilles				ISM_pruned			
	acc	bal_acc	nodes	time	acc	bal_acc	nodes	time	acc	bal_acc	nodes	time
heart	0.7584+0.02 σ	0.7478+0.02 σ	18.3333+2.05 σ	0.5526+0.15 σ	0.7433+0.04 σ	0.7405+0.05 σ	10.3333+3.4 σ	0.5639+0.07 σ	0.7958+0.04 σ	0.7899+0.04 σ	44.3333+17.46 σ	251.9917+76.09 σ

	Genetic				CART				QUESTLoh			
	acc	bal_acc	nodes	time	acc	bal_acc	nodes	time	acc	bal_acc	nodes	time
heart	0.8292+0.04 σ	0.8279+0.04 σ	14.3333+2.49 σ	384.232+42.82 σ	0.7211+0.01 σ	0.7129+0.0 σ	25.0+23.15 σ	0.002+0.0 σ	0.7547+0.02 σ	0.7469+0.01 σ	7.6667+4.11 σ	0.2109+0.06 σ

	C4.5				GUIDE				ISM			
	acc	bal_acc	nodes	time	acc	bal_acc	nodes	time	acc	bal_acc	nodes	time
heart	0.7546+0.02 σ	0.7459+0.03 σ	39.6667+8.22 σ	0.0088+0.0 σ	0.777+0.03 σ	0.7749+0.02 σ	9.0+2.83 σ	0.1762+0.03 σ	0.7661+0.07 σ	0.7634+0.07 σ	137.6667+13.89 σ	382.2921+191.83 σ

Accuracy on heart dataset using 3 folds

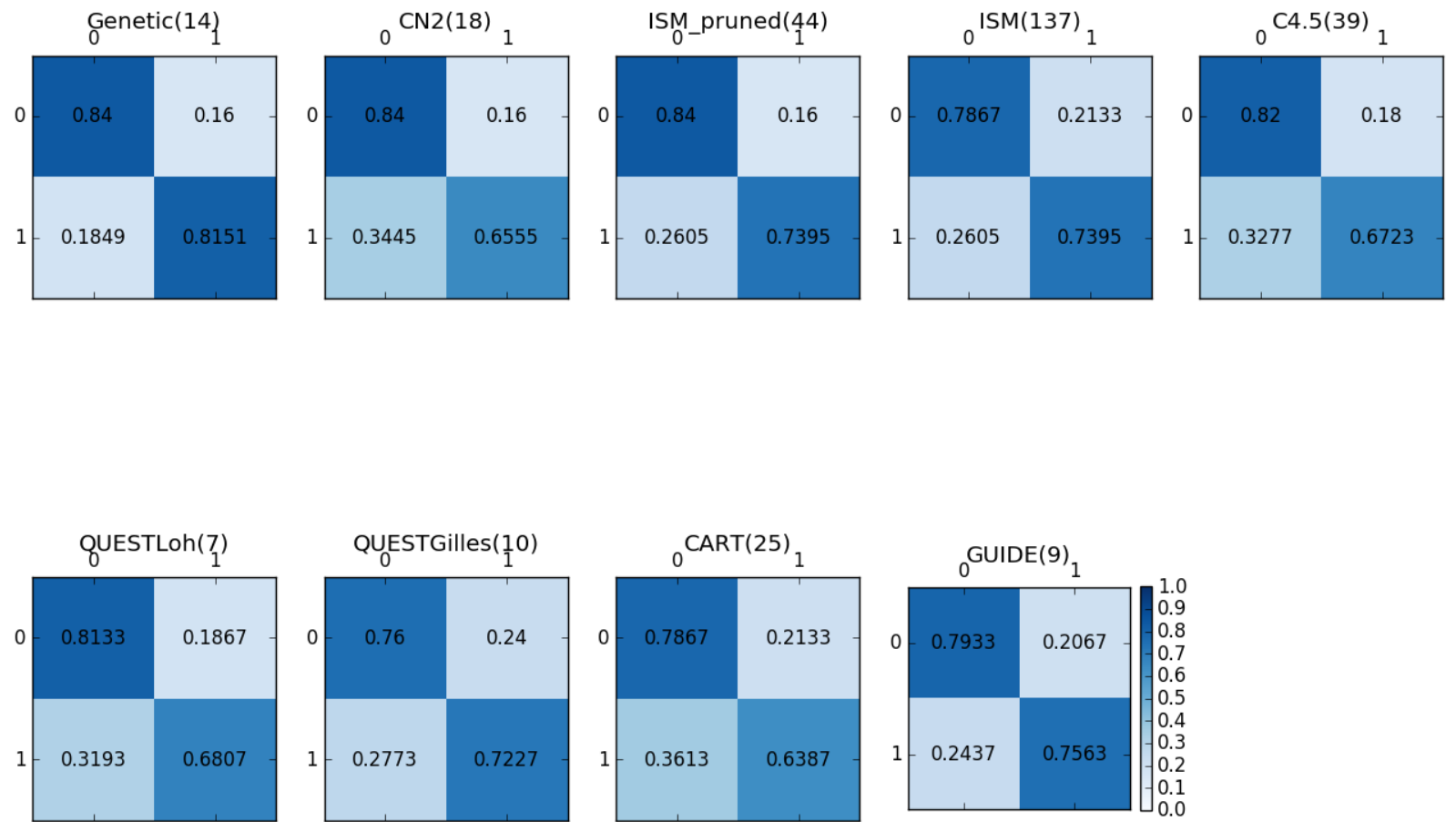


Figure 1: Confusion matrix for heart