

	XGBoost				CN2				inTrees			
	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time
glass	0.7278+0.01 σ	0.6649+0.06 σ	458.0+294.8 σ	0.2189+0.12 σ	0.6994+0.03 σ	0.6565+0.02 σ	23.3333+1.89 σ	0.623+0.33 σ	0.7145+0.07 σ	0.645+0.08 σ	22.0+2.45 σ	23.6579+1.51 σ

	QUESTGilles				CART				QUESTLoh			
	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time
glass	0.5866+0.01 σ	0.4624+0.11 σ	26.3333+7.36 σ	0.4812+0.1 σ	0.6901+0.05 σ	0.6097+0.08 σ	52.3333+27.92 σ	0.0019+0.0 σ	0.6378+0.04 σ	0.4635+0.08 σ	22.3333+17.46 σ	0.1978+0.03 σ

	Genetic				RF				ISM_pruned			
	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time
glass	0.723+0.02 σ	0.7097+0.06 σ	21.6667+6.18 σ	293.2186+21.54 σ	0.7655+0.04 σ	0.7401+0.06 σ	432.0+313.26 σ	1.3327+0.94 σ	0.6761+0.02 σ	0.6026+0.06 σ	65.6667+31.93 σ	562.5044+191.66 σ

	C4.5				GUIDE				ISM			
	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time
glass	0.6536+0.04 σ	0.5733+0.13 σ	41.6667+2.49 σ	0.0066+0.0 σ	0.6866+0.05 σ	0.6037+0.09 σ	22.3333+4.99 σ	0.1194+0.01 σ	0.7146+0.05 σ	0.6863+0.14 σ	157.6667+14.64 σ	409.0429+118.42 σ

Accuracy on glass dataset using 3 folds

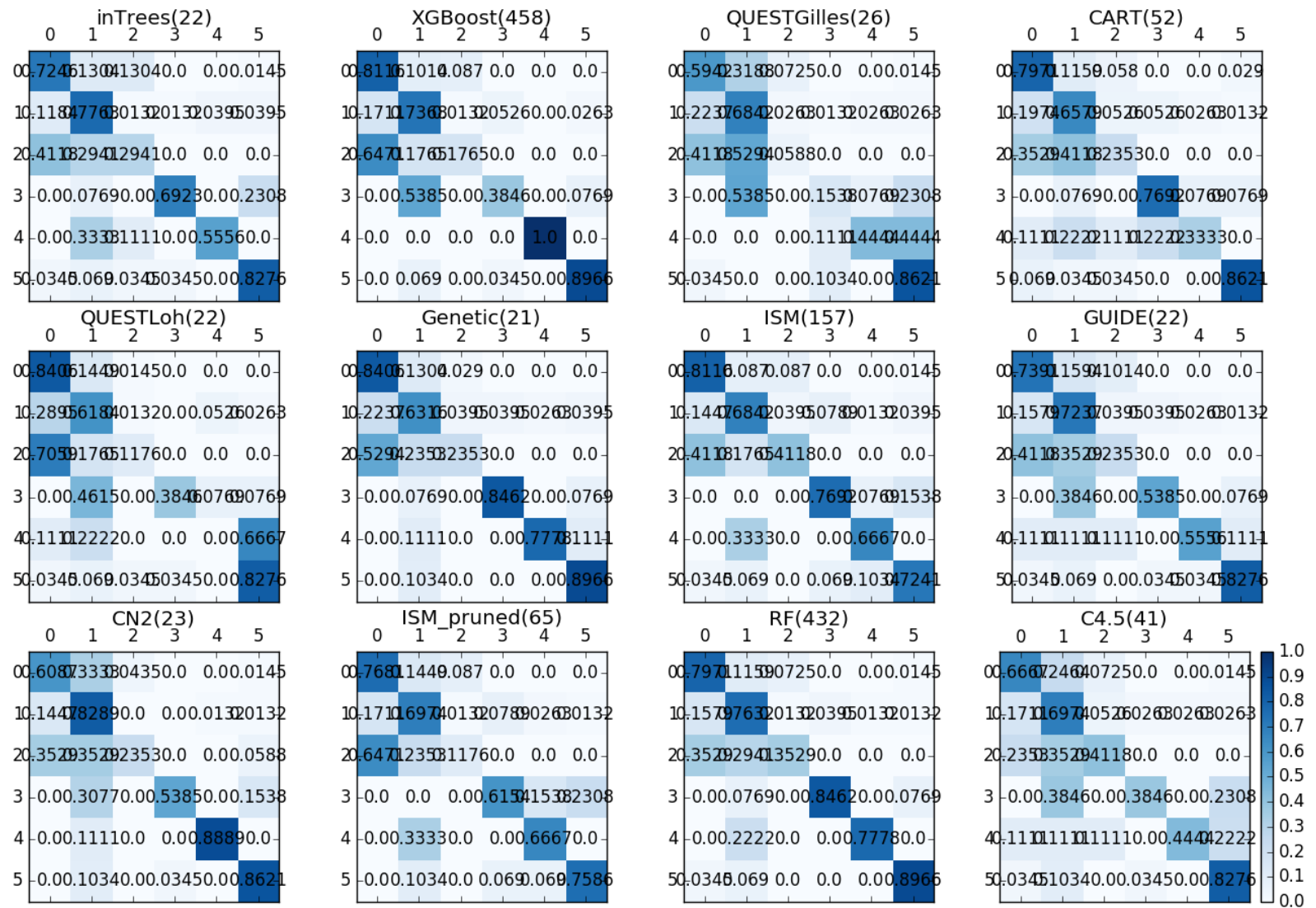


Figure 1: Confusion matrix for glass