	SMOTE Tomek				ROS				Tomek				SMOTE ENN				SMOTE			
	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time
iris	0.9467+0.05σ	0.9467+0.05σ	7.4+1.5σ	0.23+0.0σ	0.9467+0.05σ	0.9467+0.05σ	7.4+1.5σ	0.0+0.0σ	0.9467+0.05σ	0.9467+0.05σ	7.4+1.5σ	0.12+0.0σ	0.94+0.01σ	0.94+0.01σ	5.0+0.0σ	0.35+0.0σ	0.9467+0.05σ	0.9467+0.05σ	7.4+1.5σ	0.12+0.0σ
heart	0.7921+0.05σ	0.7838+0.06σ	33.0+3.58σ	0.24+0.0σ	0.7807+0.02σ	0.7751+0.02σ	22.6+7.63σ	0.0+0.0σ	0.7546+0.05σ	0.7484+0.04σ	26.6+10.07σ	0.12+0.0σ	0.7698+0.05σ	0.7471+0.05σ	12.6+6.37σ	0.24+0.0σ	0.8143+0.04σ	0.8086+0.05σ	26.2+6.65σ	0.12+0.0σ
cars	0.9739+0.0σ	0.9394+0.01σ	112.2+2.71σ	0.26+0.0σ	0.9786+0.0σ	0.9654+0.02σ	136.6+6.5σ	0.0+0.0σ	0.9728+0.01σ	0.9372+0.01σ	109.0+4.56σ	0.13+0.0σ	0.9166+0.01σ	0.9181+0.02σ	53.4+4.63σ	0.49+0.0σ	0.9745+0.0σ	0.9401+0.01σ	113.8+0.98σ	0.12+0.0σ
ecoli	0.8384+0.05σ	0.7891+0.05σ	25.0+3.58σ	0.24+0.0σ	0.7735+0.08σ	0.7422+0.05σ	61.0+4.2σ	0.0+0.0σ	0.8563+0.03σ	0.7885+0.06σ	27.4+4.08σ	0.12+0.0σ	0.8353+0.05σ	0.807+0.06σ	18.6+3.67σ	0.59+0.0σ	0.8356+0.06σ	0.7871+0.06σ	31.4+8.8σ	0.12+0.0σ
wisconsinBreast	0.9484+0.01σ	0.9489+0.01σ	19.0+8.39σ	0.24+0.0σ	0.9585+0.01σ	0.9585+0.01σ	27.4+10.07σ	0.0+0.0σ	0.9628+0.02σ	0.9638+0.02σ	21.8+7.0σ	0.12+0.0σ	0.9556+0.01σ	0.9524+0.01σ	17.0+4.0σ	0.24+0.0σ	0.9484+0.01σ	0.9488+0.02σ	17.8+3.49σ	0.12+0.0σ
wine	0.9214+0.04σ	0.9266+0.03σ	8.6+0.8σ	0.24+0.0σ	0.9155+0.03σ	0.9205+0.02σ	9.0+0.0σ	0.0+0.0σ	0.9047+0.03σ	0.9108+0.02σ	9.0+1.26σ	0.12+0.0σ	0.7693+0.09σ	0.7759+0.08σ	6.2+1.6σ	0.35+0.0σ	0.9155+0.03σ	0.9205+0.02σ	9.0+0.0σ	0.12+0.0σ

	ENN				Cluster				INN				Imbalanced				RUS				SMOTE SVM			
	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time	acc	balacc	nodes	time
iris	0.9467+0.05σ	0.9467+0.05σ	7.4+1.5σ	0.23+0.0σ	0.9467+0.05σ	0.9467+0.05σ	7.4+1.5σ	0.11+0.0σ	0.9467+0.05σ	0.9467+0.05σ	7.4+1.5σ	0.01+0.0σ	0.94+0.04σ	0.94+0.04σ	6.6+1.5σ	0.0+0.0σ	0.94+0.02σ	0.94+0.02σ	7.0+1.79σ	0.0+0.0σ	0.9467+0.05σ	0.9467+0.05σ	7.4+1.5σ	0.35+0.0σ
heart	0.7993+0.04σ	0.7934+0.04σ	29.8+10.17σ	0.12+0.0σ	0.7511+0.05σ	0.7488+0.05σ	21.8+8.91σ	0.14+0.0σ	0.7882+0.04σ	0.7804+0.04σ	29.0+8.39σ	0.06+0.0σ	0.8067+0.02σ	0.8009+0.03σ	21.4+9.75σ	0.0+0.0σ	0.7995+0.07σ	0.7988+0.07σ	30.6+12.09σ	0.0+0.0σ	0.7808+0.05σ	0.7743+0.05σ	21.4+9.16σ	0.47+0.0σ
cars	0.9716+0.01σ	0.9324+0.02σ	108.2+6.27σ	0.36+0.0σ	0.5691+0.03σ	0.7644+0.05σ	35.0+1.26σ	0.55+0.01σ	0.6091+0.05σ	0.3098+0.03σ	3.8+0.98σ	0.76+0.0σ	0.9716+0.01σ	0.9366+0.01σ	104.6+14.93σ	0.0+0.0σ	0.8345+0.02σ	0.9017+0.01σ	41.0+4.9σ	0.0+0.0σ	0.9745+0.0σ	0.9401+0.01σ	114.2+2.4σ	0.53+0.0σ
ecoli	0.8295+0.07σ	0.7756+0.07σ	23.4+5.28σ	0.47+0.0σ	0.7654+0.1σ	0.7429+0.07σ	15.8+2.99σ	0.11+0.0σ	0.445+0.06σ	0.3457+0.06σ	5.0+1.26σ	0.07+0.0σ	0.8356+0.07σ	0.7745+0.07σ	23.8+2.71σ	0.0+0.0σ	0.7521+0.08σ	0.7443+0.07σ	14.2+2.71σ	0.0+0.0σ	0.8444+0.04σ	0.7957+0.06σ	29.4+5.43σ	0.48+0.0σ
wisconsinBreast	0.9556+0.01σ	0.9592+0.01σ	13.4+1.5σ	0.37+0.08σ	0.9556+0.02σ	0.9534+0.02σ	23.0+7.16σ	0.65+0.27σ	0.9384+0.02σ	0.9481+0.01σ	10.6+2.94σ	0.14+0.0σ	0.947+0.02σ	0.9439+0.02σ	19.0+4.9σ	0.0+0.0σ	0.9398+0.01σ	0.9423+0.01σ	15.0+2.83σ	0.0+0.0σ	0.9484+0.01σ	0.9527+0.01σ	17.8+3.92σ	0.48+0.0σ
wine	0.9101+0.03σ	0.9161+0.02σ	9.4+0.8σ	0.24+0.0σ	0.8867+0.06σ	0.8935+0.06σ	9.8+2.4σ	0.11+0.0σ	0.8928+0.05σ	0.8975+0.04σ	8.6+1.5σ	0.03+0.0σ	0.9101+0.03σ	0.9161+0.02σ	9.4+0.8σ	0.0+0.0σ	0.8985+0.04σ	0.908+0.03σ	8.6+1.5σ	0.0+0.0σ	0.9155+0.03σ	0.9232+0.03σ	9.8+0.98σ	0.47+0.0σ

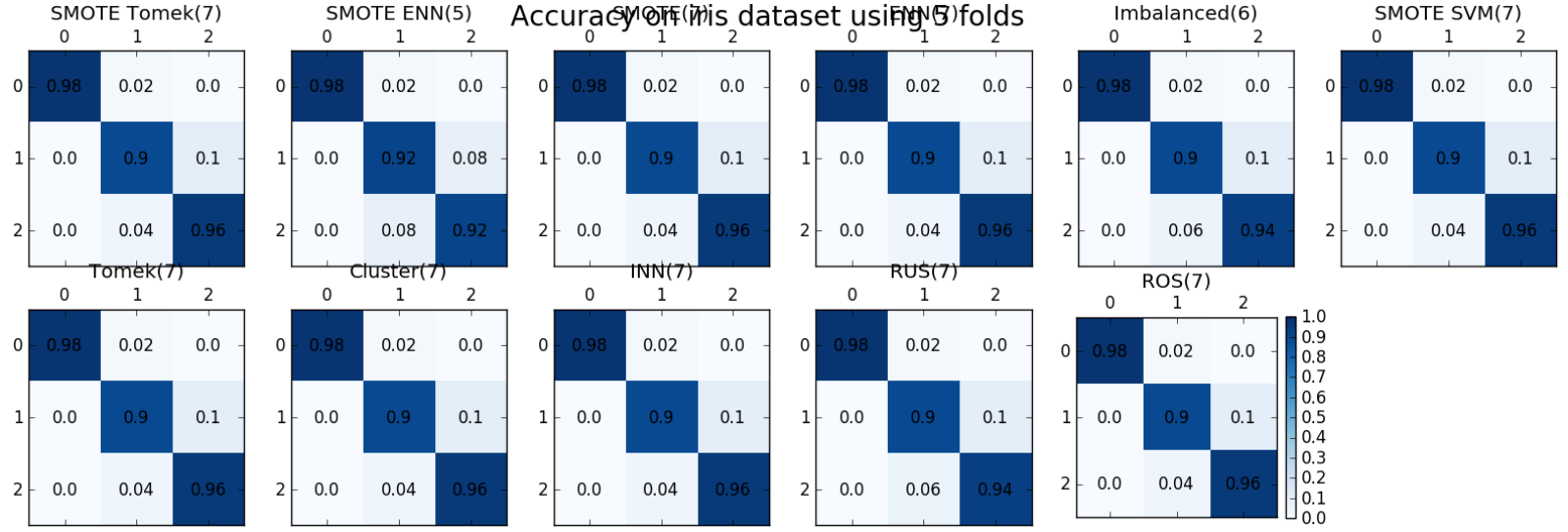

Figure 1: Confusion matrix for iris

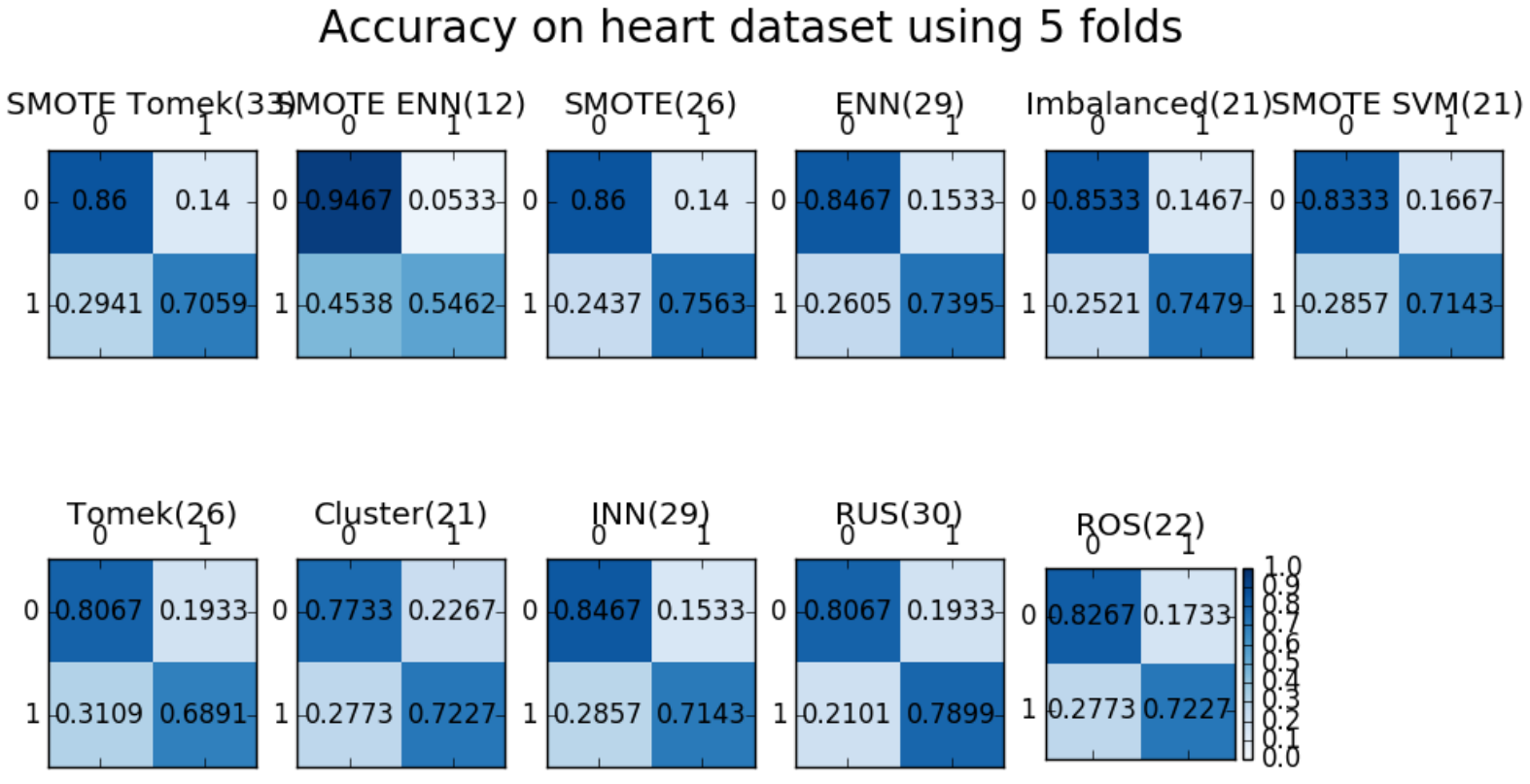

Figure 2: Confusion matrix for heart

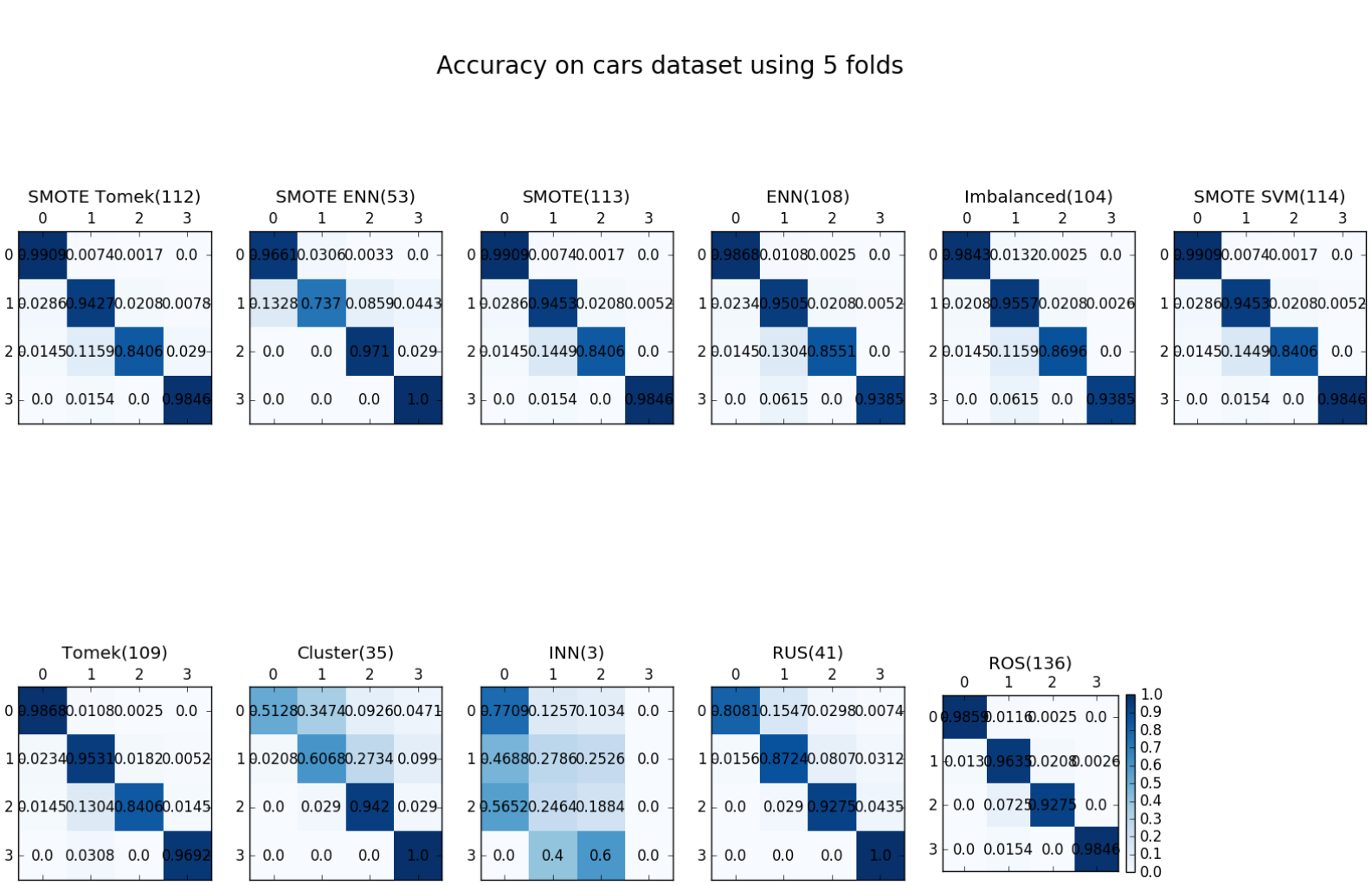

Figure 3: Confusion matrix for cars

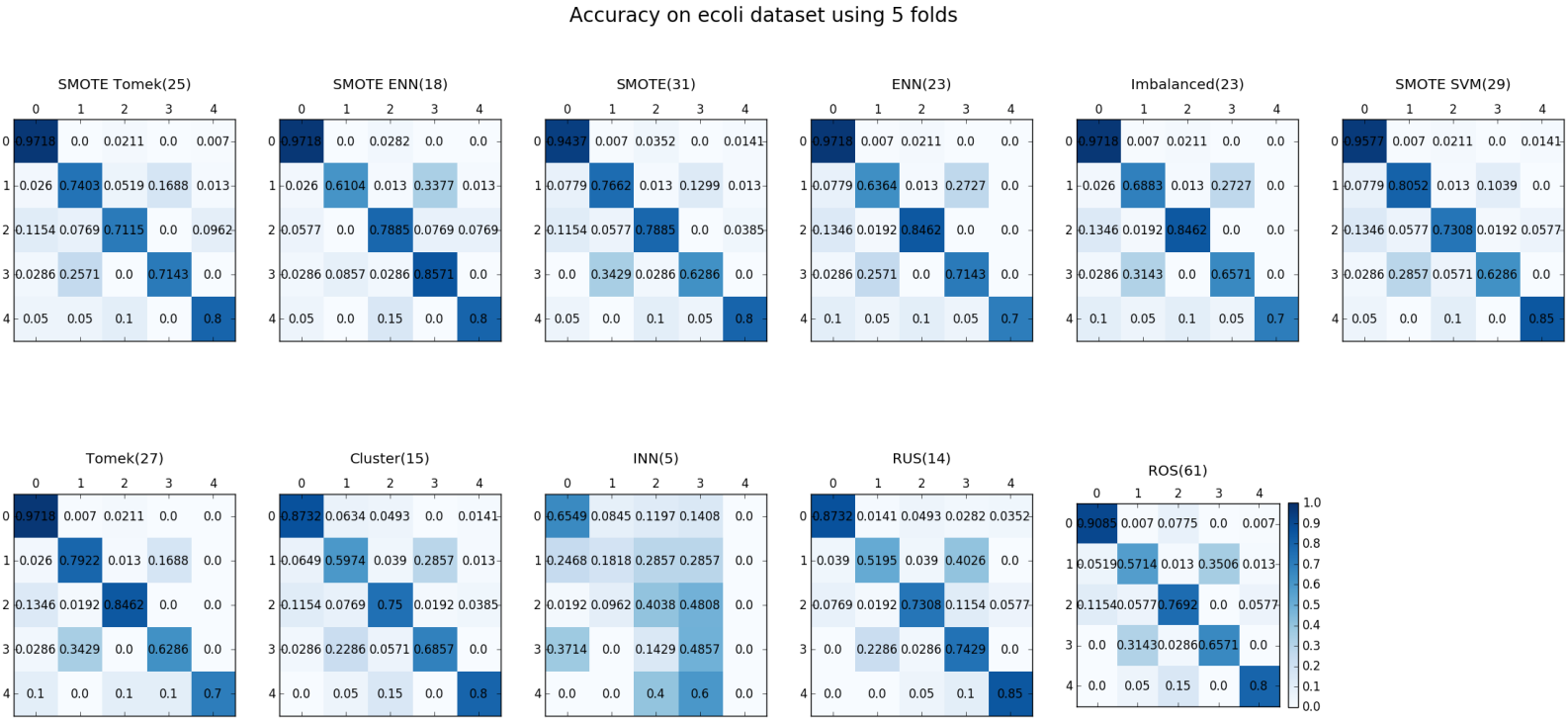

Figure 4: Confusion matrix for ecoli

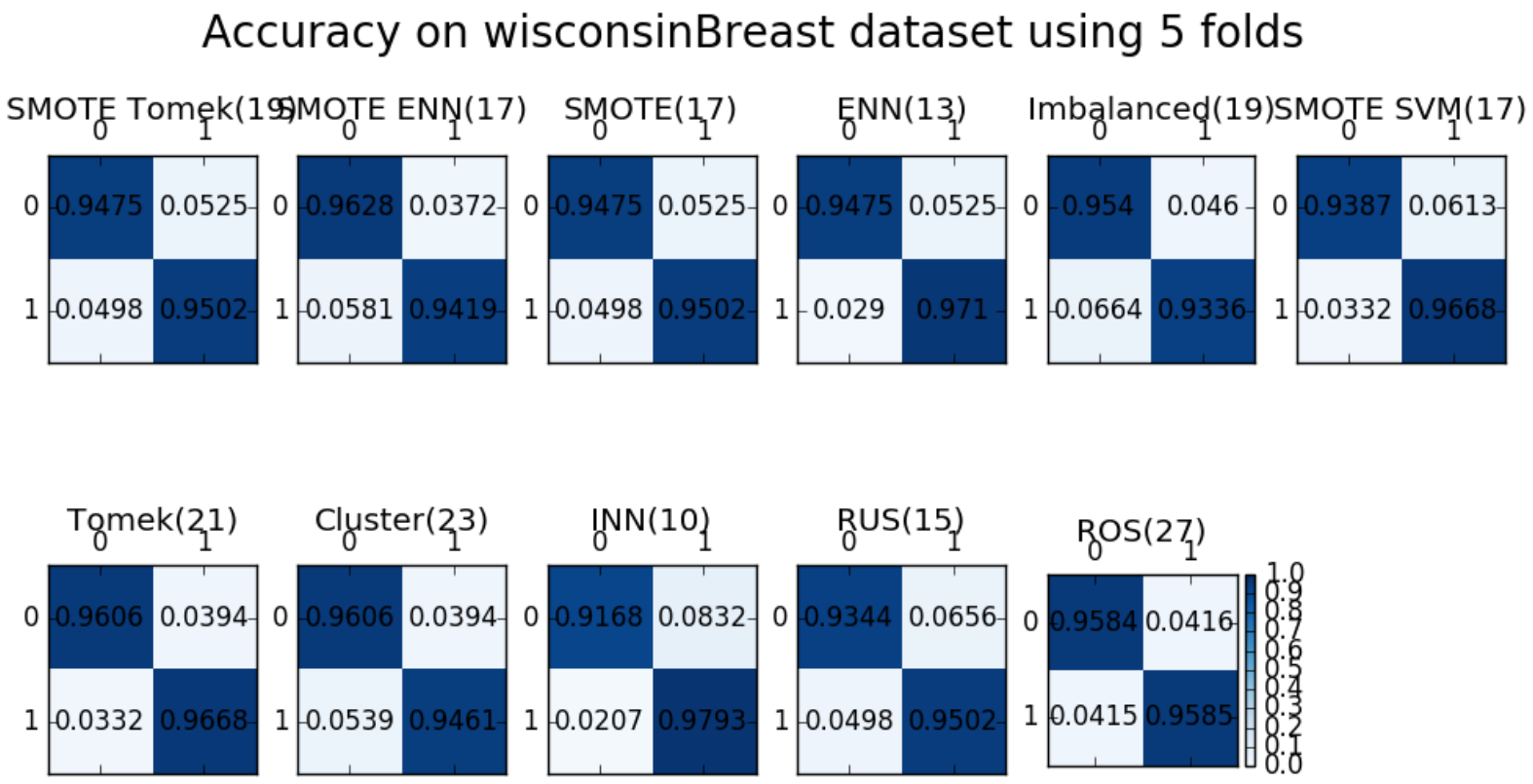

Figure 5: Confusion matrix for wisconsinBreast

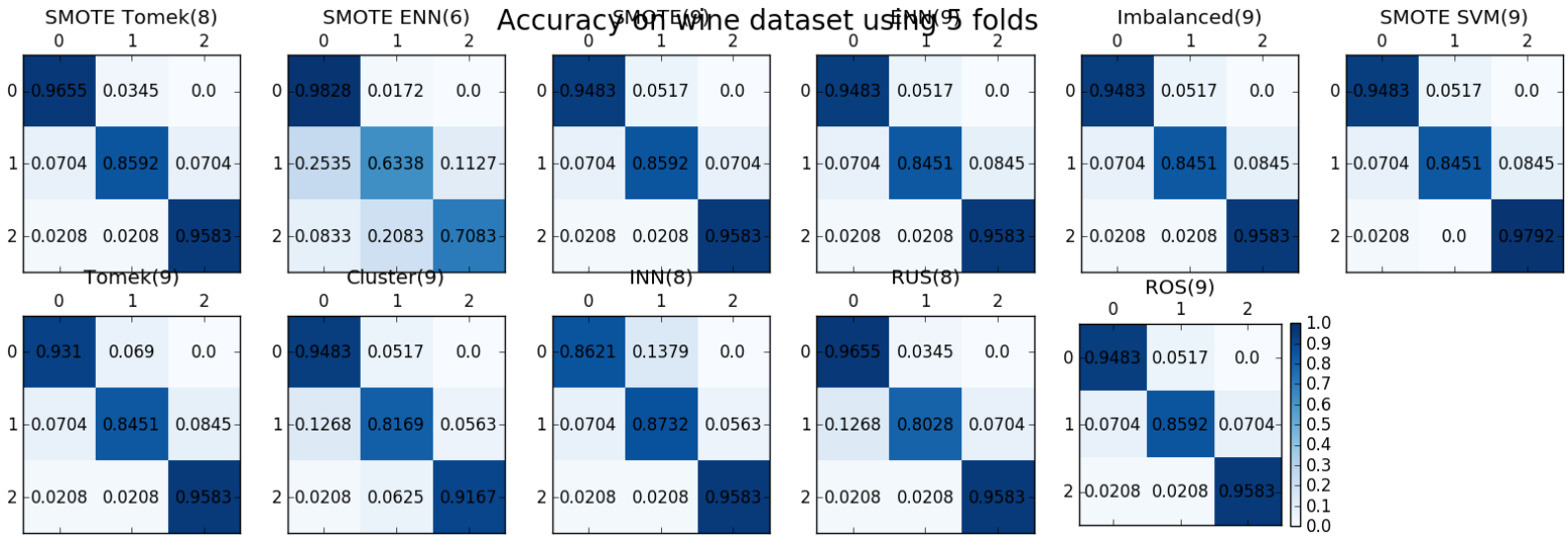

Figure 6: Confusion matrix for wine