

Appendix 4: Document level classification accuracy with different machine learning algorithms

	Decision Tree	Rule Learner	Naïve Bayes	Bayesian Network	Support Vector Machine
True positives					
	29	38	48	51	30
True negatives					
	206	196	188	192	206
False positives					
	7	17	25	21	7
False negatives					
	40	31	21	18	39
Sensitivity					
	0.420	0.551	0.696	0.739	0.435
Positive predictive value					
	0.806	0.691	0.658	0.708	0.811
F₁-measure*					
	0.552	0.613	0.676	0.723	0.566
Specificity					
	0.967	0.920	0.883	0.901	0.967
Accuracy					
	0.833	0.830	0.837	0.862	0.837

