5. Results

5.1 Validation Scores

Classifier	Categories/Data	Data Size	6-Fold Validation Scores	6-Fold Average
SmartCombined	All except SPORTS	1803	0.6824, 0.7770, 0.8209, 0.7872, 0.8041, 0.7492	0.770141271
SmartCombined	All + data	2375	0.67435, 0.7436, 0.8051, 0.7923, 0.7949, 0.7553	0.765593568
LanguageModel	All	2497	0.4585, 0.5049, 0.5195, 0.5341, 0.5341, 0.5503	0.516925847
AutomatedCombined	All including SPORTS	2375	0.6667, 0.6897, 0.7692, 0.7769, 0.7949, 0.7694	0.74447461
AutomatedCombined	All except SPORTS	1803	0.6892, 0.7466, 0.7905, 0.7838, 0.7905, 0.7554	0.759348939
MaxEntFeature	All	2497	0.4975, 0.5463, 0.5537, 0.6171, 0.5390, 0.5660	0.553275677
DecisionTree	All	2497	0.3927, 0.4512, 0.5244, 0.4878, 0.4659, 0.4273	0.458207381
NaiveBayes	All	2497	0.6951, 0.7317, 0.7951, 0.7951, 0.77561, 0.7539	0.757766319
NaiveBayes	~Half	1338	0.6193, 0.6422, 0.8028, 0.7156, 0.7752, 0.7097	0.710787215
NaiveBayes	PERSONAL vs. INSPIRATIONAL	1104	0.3757, 0.4144, 0.4972, 0.4641, 0.5414, 0.5678	0.476776146
DomainLink	Only tweets with links	951	0.3766, 0.4740, 0.5714, 0.5649, 0.3831, 0.4254	0.465924039
DomainLink	All	2375	0.3026, 0.3385, 0.3308, 0.3513, 0.2436, 0.2941	0.310130719
DomainLink	PERSONAL, NEWS, SPAM, only tweets with links	673	0.6455, 0.6909, 0.7818, 0.8273, 0.5727, 0.5854	0.683924612
DomainLink	NEWS, SPAM, only tweets with links	627	0.6311, 0.6990, 0.8058, 0.8252, 0.6893, 0.6071	0.709604716