

Features	Class	Precision	Recall	F1
MELA	Ham	<b>0.66</b>	0.99	<b>0.79</b>
	Spam	0.98	<b>0.48</b>	<b>0.64</b>
	avg.	<b>0.82</b>	<b>0.73</b>	<b>0.72</b>
SGRAM	Ham	0.65	1	0.79
	Spam	0.99	0.47	0.63
	avg.	0.82	0.73	0.71
SGRAM NORM.	Ham	0.65	1	0.79
	Spam	0.99	0.47	0.64
	avg.	0.82	0.73	0.71
NGRAM	Ham	0.63	1	0.77
	Spam	0.99	0.42	0.59
	avg.	0.81	0.71	0.69
NGRAM NORM.	Ham	0.64	1	0.78
	Spam	0.99	0.45	0.62
	avg.	0.82	0.72	0.70

Table 1: Message classification results for Youtube comment spam.