CT22 dataset dataset with tweets about COVID-19

Partition	Model	Uncleaned Text				Cleaned Text			
		Acc.	Prec.	F1	Rec.	Acc.	Prec.	F1	Rec.
Test	random	0.604	0.237	0.234	0.231	0.604	0.237	0.24	0.2301
	n-gram	0.772	0.692	0.346	0.2307	0.758	0.58	0.357	0.256
	LSTM	0.714	0.398	**0.492**	0.544	0.680	0.405	**0.413**	0.446
Dev-Test	random	0.658	0.226	0.221	0.217	0.657	0.226	0.221	0.217
	n-gram	0.805	0.673	0.371	0.256	0.801	0.660	0.352	0.240
	LSTM	0.775	0.509	**0.498**	0.521	0.786	0.546	**0.422**	0.364

Table 5: Performance of random, n-gram, and LSTM models on cleaned and uncleaned tweets for Test and Dev-Test sets

Embeddings	Model	Uncleaned Text				Cleaned Text			
		Acc.	Prec.	F1	Rec.	Acc.	Prec.	F1	Rec.
SentEmbeddings	LogReg	0.793	0.609	0.320	0.217	0.803	0.643	0.389	0.279
	SVM	0.780	0.646	0.350	0.240	0.810	0.679	0.411	0.295
	XGBoost	0.756	0.438	**0.358**	0.302	0.742	0.422	0.408	0.395
	AdaBoost	0.760	0.446	0.349	0.287	0.807	0.602	**0.488**	0.411
BoW	LogReg	0.798	0.578	**0.453**	0.370	0.788	0.543	0.419	0.341
	XGBoost	0.793	0.561	0.436	0.357	0.789	0.549	**0.427**	0.349
	AdaBoost	0.780	0.615	0.11	**0.062**	0.779	0.545	0.159	**0.093**
GloVe	LogReg	0.803	0.682	**0.347**	0.233	0.807	0.688	0.373	0.256
	XGBoost	0.744	0.4	0.329	0.279	0.772	0.489	**0.396**	0.333
	AdaBoost	0.784	0.544	0.333	0.240	0.768	0.471	0.332	0.256
Word2Vec	LogReg	0.803	0.7	0.331	0.217	0.806	0.737	0.335	0.217
	SVM	0.794	0.690	0.253	0.155	0.798	0.686	0.293	0.186
	XGBoost	0.775	0.5	0.416	0.357	0.791	0.562	**0.406**	0.318
	AdaBoost	0.793	0.562	**0.431**	0.349	0.767	0.469	0.362	0.294

Table 6: Performance of Linear expiriments on dev Test

Embeddings	Model	Uncleaned Text				Cleaned Text			
		Acc.	Prec.	F1	Rec.	Acc.	Prec.	F1	Rec.
SentEmbeddings	LogReg	0.732	0.474	0.310	0.231	0.752	0.545	0.393	0.307
	SVM	0.745	0.556	0.208	0.128	0.711	0.409	0.295	0.237
	XGBoost	0.698	0.417	0.4	0.385	0.718	0.459	0.447	0.436
	AdaBoost	0.718	0.460	**0.447**	0.436	0.758	0.543	**0.512**	0.487
BoW	LogReg	0.725	0.475	**0.481**	0.487	0.732	0.487	0.474	0.462
	XGBoost	0.711	0.444	0.427	0.410	0.725	0.475	**0.481**	0.487
	AdaBoost	0.725	0.4	0.163	0.103	0.725	0.333	**0.089**	**0.051**
GloVe	LogReg	0.732	0.467	0.260	0.180	0.725	0.45	0.305	0.231
	XGBoost	0.711	0.429	0.358	0.308	0.617	0.286	0.296	0.308
	AdaBoost	0.758	0.579	**0.379**	0.282	0.725	0.45	0.305	0.231
Word2Vec	LogReg	0.738	0.5	0.339	0.256	0.725	0.375	0.128	**0.077**
	SVM	0.745	0.556	0.208	0.128	0.732	0.445	0.167	0.103
	XGBoost	0.712	0.454	**0.482**	0.513	0.638	0.333	0.357	0.385
	AdaBoost	0.732	0.486	0.460	**0.436**	0.705	0.436	0.436	0.436

Table 7: Performance of Linear expiriments on gold test.