

Appendix

A Task Description

The dataset is structured as follows: A SOURCE post introduces a rumour. This post is part of a conversation or thread which is formed by a series of hierarchical comments through which users either SUPPORT, DENY, QUERY or COMMENT (SDQC) on the rumour introduced by the source post. This can be seen in Figure 2.

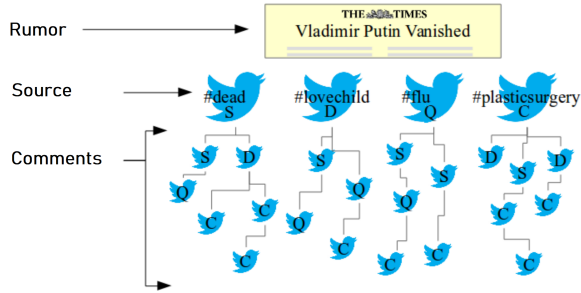


Figure 2: Thread Structure

B Dataset Description

The following tables show the distribution of classes in the RumourEval2019 dataset.

	Supp.	Deny	Query	Comm.	Total
Twitter Train	1004	415	464	3685	5568
Reddit Train	23	45	51	1015	1134
Total Train	1027	460	515	4700	6702
Twitter Test	141	92	62	771	1066
Reddit Test	16	54	31	705	806
Total Test	157	146	93	1476	1872
Total Task A	1184	606	608	6176	8574

Table 5: Task A Corpus

	True	False	Unver.	Total
Twitter Train	145	74	106	325
Reddit Train	9	24	7	40
Total Train	154	98	113	365
Twitter Test	22	30	4	56
Reddit Test	9	10	6	25
Total Test	31	40	10	81
Total Task B	185	138	123	446

Table 6: Task B Corpus