

Method	AG	Sogou	DBP	Yelp Po	Yelp Full	Amz Full	Amz Po
Dataset size (1000)	120	450	560	560	650	3000	3600
Traditional Methods							
BoW	88.81	92.85	96.61	92.24	57.91	54.64	90.40
TF-IDF	89.64	93.45	97.36	93.66	59.86	55.26	91.00
Word-Based Models							
Bag-of-Means	83.09	89.21	90.45	87.33	52.54	44.13	81.61
Lg. w2v Conv	90.08	95.61	98.58	95.40	59.84	55.60	94.12
Sm. w2v Conv	88.65	95.46	98.29	94.44	57.87	57.41	94.00
LSTM-GRNN	-	-	-	-	67.6	-	-
HN-ATT	-	-	-	-	71.0	63.6	-
Character-Based Models							
Lg. Conv	87.18	95.12	98.27	94.11	60.38	58.69	94.49
Sm. Conv	84.35	91.35	98.02	93.47	59.16	59.47	94.50
TDSM	90.51	96.17	98.72	94.81	61.62	60.02	95.08