Accuracy

SNo	Representation	Classification	Accuracy
1	Binary bag of words	Naive Bayes	84.716%
2	Binary bag of words	Logistic Regression	85.284%
3	Binary bag of words	Support Vector Machine (SVM)	84.172%
4	Binary bag of words	Feed Forward Neural Network	87.388%
5	Normalized Term frequency (tf)	Naive Bayes	84.864%
6	Normalized Term frequency (tf)	Logistic Regression	87.216%
7	Normalized Term frequency (tf)	Support Vector Machine (SVM)	60.504%
8	Normalized Term frequency (tf)	Feed Forward Neural Network	87.308%
9	Tfidf representation	Naive Bayes	86.424%
10	Tfidf representation	Logistic Regression	88.948%
11	Tfidf representation	Support Vector Machine (SVM)	67.972%
12	Tfidf representation	Feed Forward Neural Network	87.904%
13	Average Word2Vec (without tfidf)	Logistic Regression	79.892%
14	Average Word2Vec (without tfidf)	Support Vector Machine (SVM)	68.604%
15	Average Word2Vec (without tfidf)	Feed Forward Neural Network	79.772%
16	Average Word2Vec (with tfidf)	Logistic Regression	79.268%
17	Average Word2Vec (with tfidf)	Support Vector Machine (SVM)	71.636%
18	Average Word2Vec (with tfidf)	Feed Forward Neural Network	79.26%
19	Average GloVe (without tfidf)	Logistic Regression	80.38%
20	Average GloVe (without tfidf)	Support Vector Machine (SVM)	78.46%
21	Average GloVe (without tfidf)	Feed Forward Neural Network	78.056%
22	Average GloVe (with tfidf)	Logistic Regression	78.728%
23	Average GloVe (with tfidf)	Support Vector Machine (SVM)	77.292%
24	Average GloVe (with tfidf)	Feed Forward Neural Network	78.132%
25	Average Gensim Word2Vec (without tfidf)	Logistic Regression	87.888%
26	Average Gensim Word2Vec (without tfidf)	Support Vector Machine (SVM)	87.672%
27	Average Gensim Word2Vec (without tfidf)	Feed Forward Neural Network	87.344%
28	Average Gensim Word2Vec (with tfidf)	Logistic Regression	87.152%
29	Average Gensim Word2Vec (with tfidf)	Support Vector Machine (SVM)	87.052%
30	Average Gensim Word2Vec (with tfidf)	Feed Forward Neural Network	86.948%
31	Averaged Sentence Vectors	Logistic Regression	69.264%
32	Averaged Sentence Vectors	Support Vector Machine (SVM)	56.472%
33	Averaged Sentence Vectors	Feed Forward Neural Network	70.348%
34	Paragraph Vector	Logistic Regression	84.88%
35	Paragraph Vector	Support Vector Machine (SVM)	85.32%
36	Paragraph Vector	Feed Forward Neural Network	84.736%
37	GloVe	LSTM	84.454%
38	GloVe	GRU	84.228%
39	Word2Vec	LSTM	86.476%
40	Word2Vec	GRU	85.516%

SNo	Representation	Classification	Accuracy
41	Gensim Word2Vec	LSTM	84.736%
42	Gensim Word2Vec	GRU	84.728%
43	None(Embedding)	LSTM	83.216%
44	None(Embedding)	GRU	86.404%