

Median Pooling Result(f1 score)

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label	classifier	f1 score	support (5 fold CV)
1	xgboost	0.6910	400
2	lda	0.8304	400
3	lda	0.8874	400
4	random_forest	0.6817	400
5	lda	0.7913	400
6	lda	0.8891	400
7	lda	0.9384	400
8	lda	0.7751	400
9	lda	0.8959	400

Table 1: Result for 21k features

label	classifier	f1 score	support (5 fold CV)
1	lda	0.7021	400
2	lda	0.8329	400
3	lda	0.8712	400
4	random_forest	0.6877	400
5	lda	0.7895	400
6	lda	0.8817	400
7	lda	0.9328	400
8	lda	0.7502	400
9	lda	0.8866	400

Table 2: Result for BN features

label	classifier	f1 score	support (5 fold CV)
1	logistic	0.5855	400
2	svm	0.7466	400
3	logistic	0.7749	400
4	huber	0.6676	400
5	logistic	0.6036	400
6	svm	0.8043	400
7	svm	0.8416	400
8	logistic	0.6012	400
9	xgboost	0.8166	400

Table 3: Result for V3 features