TF-IDF

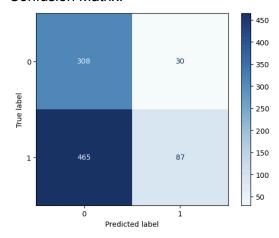
Naive Bayes:

(Q+C):

Best Parameters:

{'alpha': 0.01}

Confusion Matrix:



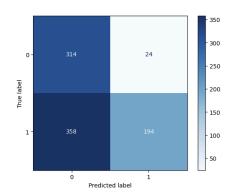
Classification Report:

	preci	lsion	recall	f1-score	support	
	0	0.40	0 .	.91	0.55	338
	1	0.74	0 .	.16	0.26	552
accu	ıracy				0.44	890
macro a	avg	0.57	0 .	.53	0.41	890
weighted a	avg	0.61	0 .	. 44	0.37	890

(LA):

Best Parameters:

{'alpha': 100}



Glassification report.										
	preci	sion	recall	f1-score	e sur	pport				
	0	0.47	0	.93	0.62		38			
	1	0.89	0	.35	0.50	5	52			
accur	асу				0.57	8	90			
macro av	.d	0.68	0	.64	0.56	8	90			
weighted av	g	0.73	0	.57	0.55	8	90			

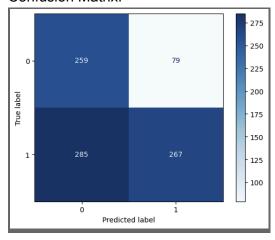
Logistic Regression

(Q+C):

Best Parameters:

```
{'C': 1, 'penalty': 'll', 'solver': 'liblinear'}
```

Confusion Matrix:



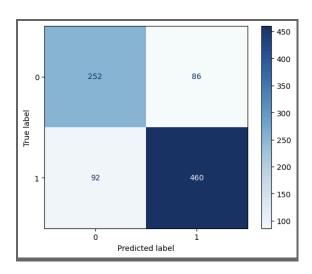
Classification Report:

	preci	sion	recall	f1-score	support	
	0	0.48	0	.77	0.59	338
	1	0.77	0	.48	0.59	552
accur	асу				0.59	890
macro av	7g	0.62	0	.62	0.59	890
weighted av	rg	0.66	0	.59	0.59	890

(LA):

Best Parameters:

```
{'C': 1, 'penalty': 'll', 'solver': 'liblinear'}
```



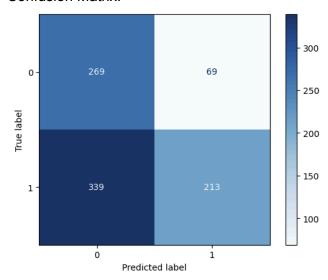
precision		recall	f1-score	support						
0	0.73	0.7	5 0.74	338						
1	0.84	0.8	3 0.84	552						
У			0.80	890						
g	0.79	0.7	9 0.79	890						
g	0.80	0.8	0 0.80	890						
	•	precision 0 0.73 1 0.84 y g 0.79	precision recall 0 0.73 0.7 1 0.84 0.8 y g 0.79 0.7	precision recall f1-score 0 0.73 0.75 0.74 1 0.84 0.83 0.84 y 0.80 g 0.79 0.79 0.79						

SVM (Q+C):

Best Parameters:

{'C': 1, 'kernel': 'rbf'}

Confusion Matrix:



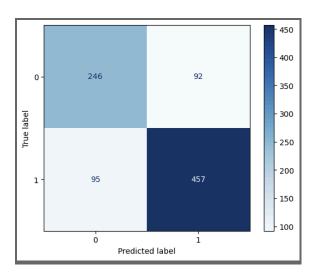
Classification Report:

	preci	sion	recall	f1-score	support	
	0	0.44	0	.80	0.57	338
	1	0.76	0	.39	0.51	552
accui	racy				0.54	890
macro a	vg	0.60	0	.59	0.54	890
weighted a	vg	0.64	0	.54	0.53	890

(LA):

Best Parameters:

{'C': 1, 'kernel': 'rbi'}



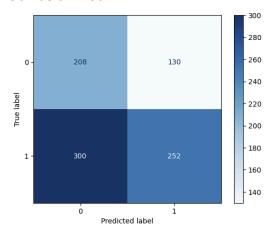
	- 1					
	prec	ision	recall	f1-score	support	
	0	0.72	0	.73	0.72	338
	1	0.83	0	.83	0.83	552
accur	acy				0.79	890
macro av	7g	0.78	0	.78	0.78	890
weighted av	7g	0.79	0	.79	0.79	890

Decision Tree (Q+C):

Best Parameters:

{'criterion': 'entropy', 'max features': None}

Confusion Matrix:



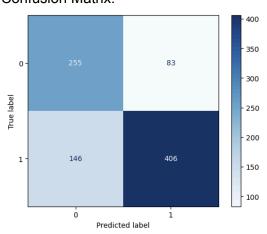
Classification Report:

	preci	sion	recall	f1-score	support	
	0	0.41	0.	. 62	0.49	338
	1	0.66	0.	. 46	0.54	552
accu	racy				0.52	890
macro a	ıvg	0.53	0.	. 54	0.52	890
weighted a	777	0 56	n	52	0.52	890

(LA):

Best Parameters:

{'criterion': 'entropy', 'max_features': None}



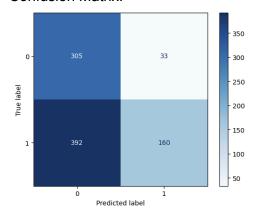
	preci	sion	recall	f1-score	sur	pport	
	0	0.64		0.75	0.69		338
	1	0.83	-	0.74	0.78		552
accur	асу				0.74		890
macro av	g	0.73	-	0.74	0.74		890
weighted av	g	0.76		0.74	0.75		890

Random Forest (Q+C):

Best Parameters:

{'criterion': 'entropy'}

Confusion Matrix:



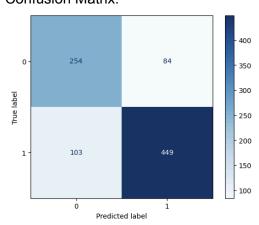
Classification Report:

Clacomoditor report.										
	preci	sion	recall	f1-score	support					
	0	0.44	0.	.90	0.59	338				
	1	0.83	0.	.29	0.43	552				
accur	асу				0.52	890				
macro av	rg	0.63	0.	. 60	0.51	890				
weighted av	7 a	0.68	0.	.52	0.49	890				

(LA):

Best Parameters:

{'criterion': 'entropy'}



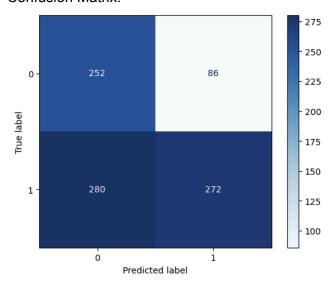
	preci	sion	recall	f1-scor		support	
	0	0.71	(0.75	0	.73	338
	1	0.84	(0.81	0	.83	552
accur	асу				0	.79	890
macro av	g	0.78	(0.78	0	.78	890
weighted av	g	0.79	(0.79	0	.79	890

XGBoost (Q+C):

Best Parameters:

{'criterion': 'friedman mse', 'n estimators': 200}

Confusion Matrix:



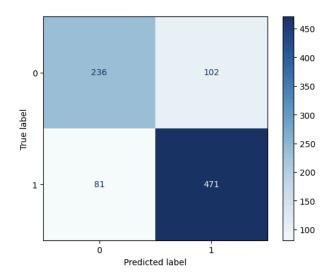
Classification Report:

	precision	recall	f1-score	support
0	0.47	0.75	0.58	338
1	0.76	0.49	0.60	552
accuracy			0.59	890
macro avg	0.62	0.62	0.59	890
weighted avg	0.65	0.59	0.59	890

(LA):

Best Parameters:

{'criterion': 'friedman_mse', 'n_estimators': 200}



	preci	sion	recall	f1-score	support	
	0	0.74	0	.70	0.72	338
	1	0.82	0	.85	0.84	552
accur	acy				0.79	890
macro av	.d	0.78	0	.78	0.78	890
weighted av	g	0.79	0	.79	0.79	890