

	Feature	Model	Accuracy	Precision	Recall	F1 Score	K-Fold Score	Stratified Score
0	W100_O25	Logistic Regression	0.35	0.34	0.35	0.32	0.319708764	0.314450574
1	W100_O25	Decision Tree Classifier	0.53	0.53	0.53	0.53	0.620816001	0.618992093
2	W100_O25	Random Forest Classifier	0.65	0.65	0.65	0.64	0.734933161	0.736940759
3	W100_O25	Gaussian Naive Bayes	0.22	0.24	0.22	0.18	0.20014846	0.200095355
4	W100_O25	Support Vector Classifier	0.59	0.57	0.59	0.58	0.168097657	0.169947362
5	W100_O25	K-Nearest Neighbors	0.52	0.54	0.52	0.5	0.358865856	0.3600549
6	W100_O25	AdaBoost Classifier	0.35	0.4	0.35	0.29	0.331651024	0.331466335
7	W100_O25	Gradient Boost	0.62	0.62	0.62	0.62	0.696198428	0.694876522
8	W100_O25	XGBoost Classifier	0.63	0.63	0.63	0.62	0.67918212	0.67897064
9	W100_O25	Artificial Neural Network	0.51	0.5	0.51	0.5	0.258831	0.251036
10	W100_O50	Logistic Regression	0.36	0.35	0.36	0.33	0.183764755	0.184046832
11	W100_O50	Decision Tree Classifier	0.57	0.57	0.57	0.57	0.663171259	0.660404202
12	W100_O50	Random Forest Classifier	0.66	0.67	0.66	0.66	0.74269054	0.74332494
13	W100_O50	Gaussian Naive Bayes	0.25	0.24	0.25	0.21	0.132990218	0.132303009
14	W100_O50	Support Vector Classifier	0.62	0.61	0.62	0.61	0.181438515	0.180081577
15	W100_O50	K-Nearest Neighbors	0.55	0.56	0.55	0.53	0.377310918	0.376676467
16	W100_O50	AdaBoost Classifier	0.26	0.24	0.26	0.22	0.309282405	0.312789641
17	W100_O50	Gradient Boost	0.63	0.62	0.63	0.62	0.671154927	0.670449923
18	W100_O50	XGBoost Classifier	0.66	0.66	0.66	0.66	0.70102746	0.699053547

	Feature	Model	Accuracy	Precision	Recall	F1 Score	K-Fold Score	Stratified Score
19	W100_O50	Artificial Neural Network	0.53	0.52	0.53	0.52	0.275673	0.265328
20	W200_O25	Logistic Regression	0.39	0.39	0.39	0.37	0.184396033	0.18444904
21	W200_O25	Decision Tree Classifier	0.5	0.51	0.5	0.5	0.580060423	0.579477397
22	W200_O25	Random Forest Classifier	0.62	0.62	0.62	0.61	0.69740817	0.696401123
23	W200_O25	Gaussian Naive Bayes	0.24	0.27	0.24	0.21	0.239041713	0.236603593
24	W200_O25	Support Vector Classifier	0.58	0.57	0.58	0.57	0.11575767	0.11755976
25	W200_O25	K-Nearest Neighbors	0.49	0.51	0.49	0.47	0.336460483	0.340912703
26	W200_O25	AdaBoost Classifier	0.23	0.23	0.23	0.21	0.25934171	0.25345842
27	W200_O25	Gradient Boost	0.59	0.59	0.59	0.59	0.65813325	0.66242646
28	W200_O25	XGBoost Classifier	0.63	0.62	0.63	0.62	0.69470504	0.6958711
29	W200_O25	Artificial Neural Network	0.49	0.48	0.49	0.48	0.227964	0.234165
30	W200_O50	Logistic Regression	0.39	0.39	0.39	0.37	0.176068237	0.17532352
31	W200_O50	Decision Tree Classifier	0.54	0.54	0.54	0.54	0.633292013	0.63747562
32	W200_O50	Random Forest Classifier	0.66	0.66	0.66	0.65	0.74398171	0.742669827
33	W200_O50	Gaussian Naive Bayes	0.27	0.28	0.27	0.23	0.159014987	0.15841247
34	W200_O50	Support Vector Classifier	0.61	0.61	0.61	0.61	0.125084377	0.12696325
35	W200_O50	K-Nearest Neighbors	0.52	0.55	0.52	0.51	0.359262633	0.359581527
36	W200_O50	AdaBoost Classifier	0.25	0.28	0.25	0.23	0.272008703	0.271405953

	Feature	Model	Accuracy	Precision	Recall	F1 Score	K-Fold Score	Stratified Score
37	W200_O50	Gradient Boost	0.63	0.63	0.63	0.62	0.68714805	0.685091593
38	W200_O50	XGBoost Classifier	0.66	0.66	0.66	0.66	0.716114417	0.71852519
39	W200_O50	Artificial Neural Network	0.52	0.51	0.52	0.51	0.252224	0.2477923
40	W300_O25	Logistic Regression	0.41	0.41	0.41	0.39	0.198911823	0.20043226
41	W300_O25	Decision Tree Classifier	0.48	0.47	0.48	0.47	0.582086203	0.567677697
42	W300_O25	Random Forest Classifier	0.6	0.6	0.6	0.59	0.697110623	0.694788617
43	W300_O25	Gaussian Naive Bayes	0.26	0.28	0.26	0.23	0.15440678	0.17713802
44	W300_O25	Support Vector Classifier	0.57	0.57	0.57	0.57	0.099255377	0.105419073
45	W300_O25	K-Nearest Neighbors	0.47	0.5	0.47	0.45	0.33890982	0.338268523
46	W300_O25	AdaBoost Classifier	0.25	0.26	0.25	0.23	0.271271967	0.25814485
47	W300_O25	Gradient Boost	0.59	0.58	0.59	0.58	0.660529417	0.6685341
48	W300_O25	XGBoost Classifier	0.62	0.61	0.62	0.61	0.695669643	0.701752263
49	W300_O25	Artificial Neural Network	0.46	0.44	0.46	0.44	0.113666	0.12975
50	W300_O50	Logistic Regression	0.42	0.42	0.42	0.4	0.20304673	0.202618513
51	W300_O50	Decision Tree Classifier	0.53	0.53	0.53	0.53	0.627899547	0.62934249
52	W300_O50	Random Forest Classifier	0.65	0.65	0.65	0.64	0.746766207	0.746713087
53	W300_O50	Gaussian Naive Bayes	0.25	0.29	0.25	0.23	0.246979903	0.24719395
54	W300_O50	Support Vector Classifier	0.62	0.61	0.62	0.61	0.11175822	0.111918777

	Feature	Model	Accuracy	Precision	Recall	F1 Score	K-Fold Score	Stratified Score
55	W300_O50	K-Nearest Neighbors	0.51	0.54	0.51	0.49	0.366595087	0.369054247
56	W300_O50	AdaBoost Classifier	0.19	0.21	0.19	0.17	0.25708202	0.267451333
57	W300_O50	Gradient Boost	0.62	0.62	0.62	0.62	0.696312123	0.698503277
58	W300_O50	XGBoost Classifier	0.66	0.66	0.66	0.66	0.72725814	0.730411323
59	W300_O50	Artificial Neural Network	0.52	0.51	0.52	0.5	0.229342	0.243934
60	W400_O25	Logistic Regression	0.43	0.43	0.43	0.42	0.217246563	0.21875
61	W400_O25	Decision Tree Classifier	0.49	0.49	0.49	0.49	0.578286083	0.58107818
62	W400_O25	Random Forest Classifier	0.6	0.6	0.6	0.59	0.696198457	0.691795533
63	W400_O25	Gaussian Naive Bayes	0.28	0.31	0.28	0.25	0.249570443	0.249248283
64	W400_O25	Support Vector Classifier	0.58	0.57	0.58	0.57	0.088380587	0.094716493
65	W400_O25	K-Nearest Neighbors	0.44	0.49	0.44	0.41	0.346112543	0.346434707
66	W400_O25	AdaBoost Classifier	0.23	0.24	0.23	0.21	0.24291237	0.251932993
67	W400_O25	Gradient Boost	0.59	0.59	0.59	0.59	0.67042526	0.67482818
68	W400_O25	XGBoost Classifier	0.62	0.61	0.62	0.61	0.701245703	0.70092354
69	W400_O25	Artificial Neural Network	0.47	0.46	0.47	0.46	0.125744	0.126074
70	W400_O50	Logistic Regression	0.43	0.44	0.43	0.42	0.21496767	0.2140352
71	W400_O50	Decision Tree Classifier	0.51	0.52	0.51	0.51	0.628829673	0.62488273
72	W400_O50	Random Forest Classifier	0.65	0.65	0.65	0.64	0.745640613	0.747936497
73	W400_O50	Gaussian Naive Bayes	0.31	0.32	0.31	0.27	0.261318547	0.25550501

	Feature	Model	Accuracy	Precision	Recall	F1 Score	K-Fold Score	Stratified Score
74	W400_O50	Support Vector Classifier	0.62	0.62	0.62	0.62	0.100164853	0.103178537
75	W400_O50	K-Nearest Neighbors	0.48	0.51	0.48	0.46	0.371169973	0.368730753
76	W400_O50	AdaBoost Classifier	0.24	0.23	0.24	0.19	0.23886064	0.261318593
77	W400_O50	Gradient Boost	0.64	0.64	0.64	0.64	0.70904759	0.704813723
78	W400_O50	XGBoost Classifier	0.66	0.65	0.66	0.65	0.734591127	0.7310035
79	W400_O50	Artificial Neural Network	0.51	0.51	0.51	0.5	0.231326	0.22824
80	W500_O25	Logistic Regression	0.42	0.42	0.42	0.41	0.207801223	0.209684787
81	W500_O25	Decision Tree Classifier	0.45	0.45	0.45	0.45	0.580770267	0.577672463
82	W500_O25	Random Forest Classifier	0.57	0.58	0.57	0.56	0.69791549	0.694418427
83	W500_O25	Gaussian Naive Bayes	0.29	0.32	0.29	0.26	0.20659138	0.202290143
84	W500_O25	Support Vector Classifier	0.56	0.56	0.56	0.56	0.085811807	0.089307783
85	W500_O25	K-Nearest Neighbors	0.42	0.46	0.42	0.4	0.35117858	0.352120197
86	W500_O25	AdaBoost Classifier	0.24	0.2	0.24	0.18	0.244251227	0.22636078
87	W500_O25	Gradient Boost	0.57	0.57	0.57	0.57	0.67760672	0.684600363
88	W500_O25	XGBoost Classifier	0.6	0.6	0.6	0.6	0.71284575	0.7162071
89	W500_O25	Artificial Neural Network	0.57	0.56	0.57	0.56	0.276799	0.294015
90	W500_O50	Logistic Regression	0.45	0.45	0.45	0.44	0.227714581	0.227084438
91	W500_O50	Decision Tree Classifier	0.51	0.51	0.51	0.51	0.62188777	0.623332087

	Feature	Model	Accuracy	Precision	Recall	F1 Score	K-Fold Score	Stratified Score
92	W500_O50	Random Forest Classifier	0.65	0.65	0.65	0.64	0.741880347	0.746842447
93	W500_O50	Gaussian Naive Bayes	0.29	0.34	0.29	0.27	0.202903953	0.19541582
94	W500_O50	Support Vector Classifier	0.63	0.62	0.63	0.62	0.093287927	0.095904193
95	W500_O50	K-Nearest Neighbors	0.48	0.51	0.48	0.46	0.373423067	0.378202543
96	W500_O50	AdaBoost Classifier	0.21	0.21	0.21	0.19	0.271021043	0.249549783
97	W500_O50	Gradient Boost	0.63	0.63	0.63	0.63	0.71697996	0.714452804
98	W500_O50	XGBoost Classifier	0.68	0.67	0.68	0.67	0.772736683	0.771924409
99	W500_O50	Artificial Neural Network	0.52	0.51	0.52	0.51	0.226723	0.241068
	Applied TSFresh,PCA,MRMR and run CNN,RNNLSTM model							
	on the feature file with window size 500 and 25% overlap.							