

Features: Counter with 6-elf  
Maximum number of nodes considered: 100

Logistic Regression	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.023	675	100	456	507	0.6053	0.5962	0.5448
2	100	0.0287	696	1471	468	503	0.6071	0.5979	0.5979
3	100	0.0209	684	1574	369	543	0.7053	0.6318	0.5821
4	100	0.0209	675	1529	450	536	0.6875	0.5971	0.5953
5	100	0.0209	704	1487	457	527	0.6784	0.5953	0.5776
Average	6	0.0209	687.4	1504.7	457	511.2	0.6804	0.5971	0.5953

SSD Classifier	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.0209	687	1419	450	507	0.6053	0.5962	0.5448
2	100	0.0209	724	1415	485	505	0.6489	0.5983	0.5907
3	100	0.0209	709	1442	359	545	0.6801	0.5947	0.5821
4	100	0.0209	705	1571	215	619	0.6988	0.6479	0.5237
5	100	0.0209	735	1442	329	599	0.6871	0.5971	0.5953
Average	6	0.0209	695.4	1462.6	359	595.2	0.6815	0.5938	0.5279

Linear SVC	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.0209	685	1405	450	547	0.6071	0.5971	0.5953
2	100	0.0207	707	1450	471	572	0.6746	0.6071	0.5279
3	100	0.0207	685	1525	468	536	0.6801	0.5971	0.5953
4	100	0.0207	714	1405	415	617	0.6713	0.6334	0.5244
5	100	0.0207	694.7	1462.6	452	593.2	0.6804	0.5971	0.5953
Average	6	0.0207	694.7	1462.6	452	593.2	0.6804	0.5971	0.5953

Naive Bayes (Gaussian+mult)	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	20.4333	776	101	857	404	0.3879	0.4788	0.4241
2	100	20.5323	776	1353	771	403	0.4034	0.5102	0.4572
3	100	21.074	754	1132	841	473	0.5888	0.4777	0.4841
4	100	21.076	718	1136	852	500	0.5746	0.4777	0.4841
5	100	19.7334	851	1300	780	320	0.5888	0.5133	0.4818
Average	6	20.7678	762.6	1123.6	852	468.6	0.5102	0.4841	0.4572

SVC (Gaussian+mult)	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	22.7254	711	1108	135	508	0.6489	0.5708	0.5448
2	100	22.1219	734	1051	118	603	0.6801	0.5708	0.5448
3	100	21.1462	726	1039	148	616	0.6757	0.5879	0.5448
4	100	21.054	735	1174	130	599	0.6489	0.5708	0.5448
5	100	22.3007	724.7	1159.6	144.6	593.2	0.6815	0.5938	0.5279
Average	6	22.3007	724.7	1159.6	144.6	593.2	0.6815	0.5938	0.5279

Gaussian Naive Bayes	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.0209	685	1405	450	547	0.6071	0.5971	0.5953
2	100	0.0209	685	1525	468	536	0.6801	0.5971	0.5953
3	100	0.0209	705	1571	215	619	0.6988	0.6479	0.5237
4	100	0.0209	735	1442	329	599	0.6871	0.5971	0.5953
5	100	0.0209	704	1487	457	527	0.6784	0.5953	0.5776
Average	6	0.0209	687.4	1504.7	457	511.2	0.6804	0.5971	0.5953

Decision Tree	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.0209	685	1405	450	547	0.6071	0.5971	0.5953
2	100	0.0209	685	1525	468	536	0.6801	0.5971	0.5953
3	100	0.0209	705	1571	215	619	0.6988	0.6479	0.5237
4	100	0.0209	735	1442	329	599	0.6871	0.5971	0.5953
5	100	0.0209	704	1487	457	527	0.6784	0.5953	0.5776
Average	6	0.0209	687.4	1504.7	457	511.2	0.6804	0.5971	0.5953

RandomForest (10 estimators)	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.0209	685	1405	450	547	0.6071	0.5971	0.5953
2	100	0.0209	685	1525	468	536	0.6801	0.5971	0.5953
3	100	0.0209	705	1571	215	619	0.6988	0.6479	0.5237
4	100	0.0209	735	1442	329	599	0.6871	0.5971	0.5953
5	100	0.0209	704	1487	457	527	0.6784	0.5953	0.5776
Average	6	0.0209	687.4	1504.7	457	511.2	0.6804	0.5971	0.5953

AdaBoost	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.0209	685	1405	450	547	0.6071	0.5971	0.5953
2	100	0.0209	685	1525	468	536	0.6801	0.5971	0.5953
3	100	0.0209	705	1571	215	619	0.6988	0.6479	0.5237
4	100	0.0209	735	1442	329	599	0.6871	0.5971	0.5953
5	100	0.0209	704	1487	457	527	0.6784	0.5953	0.5776
Average	6	0.0209	687.4	1504.7	457	511.2	0.6804	0.5971	0.5953

XGBost	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.0209	685	1405	450	547	0.6071	0.5971	0.5953
2	100	0.0209	685	1525	468	536	0.6801	0.5971	0.5953
3	100	0.0209	705	1571	215	619	0.6988	0.6479	0.5237
4	100	0.0209	735	1442	329	599	0.6871	0.5971	0.5953
5	100	0.0209	704	1487	457	527	0.6784	0.5953	0.5776
Average	6	0.0209	687.4	1504.7	457	511.2	0.6804	0.5971	0.5953

Multi-layer Perceptrons	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	100	0.0209	685	1405	450	547	0.6071	0.5971	0.5953
2	100	0.0209	685	1525	468	536	0.6801	0.5971	0.5953
3	100	0.0209	705	1571	215	619	0.6988	0.6479	0.5237
4	100	0.0209	735	1442	329	599	0.6871	0.5971	0.5953
5	100	0.0209	704	1487	457	527	0.6784	0.5953	0.5776
Average	6	0.0209	687.4	1504.7	457	511.2	0.6804	0.5971	0.5953

Features: Counter with 6-elf  
Maximum number of nodes considered: 1000

Logistic Regression	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	1000	0.0198	740	1000	305	519	0.7178	0.6379	0.5777
2	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
3	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
4	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
5	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
Average	6	0.0198	714	1000	344	500	0.7178	0.6379	0.5777

SSD Classifier	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	1000	0.0198	740	1000	305	519	0.7178	0.6379	0.5777
2	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
3	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
4	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
5	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
Average	6	0.0198	714	1000	344	500	0.7178	0.6379	0.5777

Linear SVC	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	1000	0.0198	740	1000	305	519	0.7178	0.6379	0.5777
2	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
3	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
4	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
5	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
Average	6	0.0198	714	1000	344	500	0.7178	0.6379	0.5777

Naive Bayes	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	1000	0.0198	740	1000	305	519	0.7178	0.6379	0.5777
2	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
3	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
4	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
5	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
Average	6	0.0198	714	1000	344	500	0.7178	0.6379	0.5777

Decision Tree	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	1000	0.0198	740	1000	305	519	0.7178	0.6379	0.5777
2	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
3	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
4	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
5	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
Average	6	0.0198	714	1000	344	500	0.7178	0.6379	0.5777

RandomForest (10 estimators)	Feature number	Time to 1 TP	TN	FP	FN	Accuracy	Precision	Recall	F1-Score
1	1000	0.0198	740	1000	305	519	0.7178	0.6379	0.5777
2	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
3	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
4	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
5	1000	0.0198	714	1000	344	500	0.7178	0.6379	0.5777
Average	6	0.0198	714	1000	344	500	0.7178	0.6379	0.5777

Multi-layer Perceptrons					
	Feature	Time to 1 TP	TN	FP	
1	1000	08.372	1156	1640	3
2	1000	62.2541	1167	1613	2
3	1000	69.1973	1101	1702	2
4	1000	88.8474	1121	1693	2