

	Dataset	Cleaning_Technique	Model_Type	Imbalance0
0	WBC	Raw	Naïve_Bayes	0.945663826
1	WBC	Raw	Logistic_Regression	0.953783071
2	WBC	Raw	Support_Vector_Machine	0.951917751
3	WBC	Raw	Decision_Tree	0.931395671
4	WBC	Raw	Voting_Classifier	0.951917751
5	WBC	Smote	Naïve_Bayes	0.964414187
6	WBC	Smote	Logistic_Regression	0.966046465
7	WBC	Smote	Support_Vector_Machine	0.97080256
8	WBC	Smote	Decision_Tree	0.960469714
9	WBC	Smote	Voting_Classifier	0.970749705
10	WBC	DDA	Naïve_Bayes	0.970217249
11	WBC	DDA	Logistic_Regression	0.978508764
12	WBC	DDA	Support_Vector_Machine	0.976391765
13	WBC	DDA	Decision_Tree	0.953212716
14	WBC	DDA	Voting_Classifier	0.977490666
15	WDBC	Raw	Naïve_Bayes	0.912209068
16	WDBC	Raw	Logistic_Regression	0.918016596
17	WDBC	Raw	Support_Vector_Machine	0.939042061
18	WDBC	Raw	Decision_Tree	0.903772996
19	WDBC	Raw	Voting_Classifier	0.931994062
20	WDBC	Smote	Naïve_Bayes	0.921417896
21	WDBC	Smote	Logistic_Regression	0.940034475
22	WDBC	Smote	Support_Vector_Machine	0.955229287
23	WDBC	Smote	Decision_Tree	0.946467454
24	WDBC	Smote	Voting_Classifier	0.958319141
25	WDBC	DDA	Naïve_Bayes	0.949334831
26	WDBC	DDA	Logistic_Regression	0.922077782
27	WDBC	DDA	Support_Vector_Machine	0.949251874
28	WDBC	DDA	Decision_Tree	0.924813222
29	WDBC	DDA	Voting_Classifier	0.949969096
30	Surgical	Raw	Naïve_Bayes	N/A
31	Surgical	Raw	Logistic_Regression	N/A
32	Surgical	Raw	Support_Vector_Machine	N/A
33	Surgical	Raw	Decision_Tree	N/A
34	Surgical	Raw	Voting_Classifier	N/A
35	Surgical	Smote	Naïve_Bayes	N/A
36	Surgical	Smote	Logistic_Regression	N/A
37	Surgical	Smote	Support_Vector_Machine	N/A
38	Surgical	Smote	Decision_Tree	N/A
39	Surgical	Smote	Voting_Classifier	N/A
40	Surgical	DDA	Naïve_Bayes	N/A
41	Surgical	DDA	Logistic_Regression	N/A
42	Surgical	DDA	Support_Vector_Machine	N/A
43	Surgical	DDA	Decision_Tree	N/A

44	Surgical	DDA
45	WDBC_Correlation_Removed	Raw
46	WDBC_Correlation_Removed	Raw
47	WDBC_Correlation_Removed	Raw
48	WDBC_Correlation_Removed	Raw
49	WDBC_Correlation_Removed	Raw
50	WDBC_Correlation_Removed	Smote
51	WDBC_Correlation_Removed	Smote
52	WDBC_Correlation_Removed	Smote
53	WDBC_Correlation_Removed	Smote
54	WDBC_Correlation_Removed	Smote
55	WDBC_Correlation_Removed	DDA
56	WDBC_Correlation_Removed	DDA
57	WDBC_Correlation_Removed	DDA
58	WDBC_Correlation_Removed	DDA
59	WDBC_Correlation_Removed	DDA

Voting_Classifier	N/A
Naïve_Bayes	0.899256407
Logistic_Regression	0.930077808
Support_Vector_Machine	0.944317144
Decision_Tree	0.901242677
Voting_Classifier	0.95106893
Naïve_Bayes	0.927243892
Logistic_Regression	0.94703782
Support_Vector_Machine	0.955918063
Decision_Tree	0.940160748
Voting_Classifier	0.950779698
Naïve_Bayes	0.935250418
Logistic_Regression	0.950657816
Support_Vector_Machine	0.961793841
Decision_Tree	0.925705458
Voting_Classifier	0.952267383

Imbalance1	Imbalance2	Imbalance3	Imbalance4
0.910612158	0.877096595	0.790997336	0.700634921
0.925621055	0.905816781	0.851623377	0.666666667
0.923588116	0.907068071	0.787222222	0.75
0.908686424	0.874921037	0.741919192	0.633333333
0.930170126	0.912400029	0.79479798	0.723333333
0.961190287	0.949495511	0.965873854	0.96807708
0.971800255	0.968452186	0.978668314	0.982192568
0.976571846	0.972225905	0.975548069	0.979015088
0.969823427	0.967202829	0.978742096	0.976444912
0.975352163	0.968452186	0.978668314	0.981069266
0.972529264	0.972631178	0.974955858	0.977202226
0.975229415	0.976428949	0.980984628	0.980021638
0.977638064	0.978889966	0.982182362	0.982294385
0.956567527	0.94425725	0.945077498	0.970636956
0.975229415	0.976453643	0.982182362	0.982294385
0.789681021	0.770927961	0.792857143	0.76
0.855108225	0.83753663	0.781428571	0.78
0.896683606	0.887655678	0.908571429	0.866666667
0.855154025	0.836034799	0.838809524	0.68
0.858723726	0.866793207	0.84547619	0.813333333
0.847381104	0.851679248	0.911415527	0.898834581
0.953700619	0.96172389	0.957989944	0.9551781
0.961975043	0.96650052	0.976354571	0.973802859
0.956735143	0.975183422	0.986443866	0.972410917
0.959510774	0.969534524	0.963437199	0.961286949
0.941807364	0.96268934	0.985352463	0.987152569
0.887230245	0.889790688	0.91817989	0.918772037
0.93136813	0.945040244	0.979126471	0.981098333
0.933270876	0.960758016	0.902230498	0.959462252
0.946281562	0.959365828	0.980157658	0.986980686
0.710496851	0.669541516	0.61512089	0.604090516
0.766679141	0.732585313	0.684557449	0.604591751
0.867351821	0.857691793	0.835324967	0.800566798
0.755258939	0.716474797	0.725920997	0.689093974
0.825976131	0.79789731	0.776095565	0.750625367
0.853962138	0.856095588	0.88564173	0.92212411
0.870022642	0.870918148	0.88624832	0.902241065
0.897139661	0.895296938	0.911262332	0.924418606
0.899497322	0.90665321	0.948539719	0.961555606
0.890572157	0.887797475	0.913102273	0.939367686
0.85726254	0.851569517	0.882763826	0.919663248
0.87989939	0.879462689	0.887618966	0.892748883
0.909394966	0.909264901	0.919336401	0.930239377
0.928091853	0.934317283	0.955649483	0.944694395

0.909103967	0.905443618	0.919300039	0.936600647
0.486840659	0.410555556	0.772380952	0.62
0.877184265	0.865659341	0.853809524	0.833333333
0.875755694	0.865659341	0.853809524	0.733333333
0.826179976	0.843783667	0.78047619	0.696666667
0.866551986	0.888846154	0.834761905	0.7
0.587520779	0.586563648	0.940275887	0.903926539
0.946945509	0.953780589	0.961390312	0.952783716
0.946158688	0.95146534	0.961943003	0.951787715
0.935706178	0.952825846	0.969769328	0.967588028
0.943661035	0.958450551	0.96789218	0.958593104
0.845130435	0.889361702	0.977593611	0.98738376
0.937518329	0.936718211	0.960698993	0.965031265
0.940535407	0.941881196	0.967217353	0.969501182
0.930278106	0.965561719	0.901114981	0.962277053
0.928521532	0.947520042	0.972763239	0.978658903