

Accuracy

	Bag	SMOTE	ADASYN	NCR	SMOTEENN	SMOTETomek
seeds	0.9	0.89	0.86	0.89	0.9	0.9
new_thyroid	0.97	0.96	0.96	0.97	0.96	0.96
vehicle	0.92	0.89	0.9	0.92	0.91	0.89
ionosphere	0.89	0.9	0.88	0.9	0.89	0.9
vertebal	0.72	0.76	0.76	0.76	0.73	0.76
yeastME3	0.95	0.94	0.9	0.95	0.94	0.94
ecoli	0.87	0.89	0.8	0.79	0.89	0.89
bupa	0.71	0.71	0.68	0.58	0.68	0.7
horse_colic	0.86	0.85	0.85	0.79	0.84	0.85
german	0.75	0.7	0.71	0.69	0.7	0.72
breast_cancer	0.72	0.71	0.71	0.61	0.71	0.72
cmc	0.77	0.69	0.71	0.76	0.72	0.69
hepatitis	0.71	0.68	0.67	0.74	0.74	0.69
haberman	0.74	0.7	0.71	0.72	0.72	0.72
transfusion	0.78	0.62	0.61	0.65	0.76	0.66
car	0.69	0.9	0.9	0.69	0.9	0.9
glass	0.9	0.61	0.58	0.89	0.61	0.61
abalone16_29	0.94	0.75	0.73	0.94	0.77	0.76
solar_flare	0.95	0.87	0.82	0.94	0.87	0.87
heart_cleveland	0.86	0.78	0.81	0.85	0.79	0.78
balance_scale	0.92	0.92	0.75	0.92	0.92	0.92
postoperative	0.71	0.62	0.66	0.53	0.72	0.64

Sensitivity

	Bag	SMOTE	ADASYN	NCR	SMOTEENN	SMOTETomek
seeds	0.93	0.92	0.82	0.87	0.93	0.93
new_thyroid	0.98	0.99	0.98	0.98	0.99	0.99
vehicle	0.92	0.88	0.9	0.9	0.93	0.88
ionosphere	0.95	0.94	0.91	0.94	0.98	0.94
vertebal	0.7	0.71	0.69	0.68	0.72	0.72
yeastME3	0.97	0.94	0.89	0.96	0.94	0.94
ecoli	0.91	0.9	0.78	0.8	0.9	0.9
bupa	0.87	0.81	0.73	0.41	0.94	0.85
horse_colic	0.92	0.9	0.91	0.76	0.95	0.9
german	0.92	0.73	0.94	0.65	1.0	0.88
breast_cancer	0.9	0.84	0.84	0.59	0.92	0.86
cmc	0.93	0.76	0.76	0.85	0.84	0.76
hepatitis	0.76	0.67	0.69	0.77	0.78	0.69
haberman	0.9	0.84	0.79	0.81	0.97	0.89
transfusion	0.9	0.62	0.61	0.67	1.0	0.73
car	0.71	0.91	0.9	0.71	0.91	0.9
glass	0.97	0.62	0.59	0.96	0.61	0.62
abalone16_29	1.0	0.75	0.72	0.99	0.77	0.76
solar_flare	0.99	0.88	0.82	0.98	0.88	0.88
heart_cleveland	0.97	0.83	0.85	0.94	0.84	0.84
balance_scale	1.0	1.0	0.8	1.0	1.0	1.0
postoperative	0.94	0.82	0.88	0.64	0.97	0.83

Specificity

	Bag	SMOTE	ADASYN	NCR	SMOTEENN	SMOTETomek
seeds	0.84	0.83	0.93	0.93	0.84	0.84
new_thyroid	0.87	0.81	0.86	0.92	0.76	0.79
vehicle	0.92	0.91	0.9	0.98	0.84	0.9
ionosphere	0.79	0.82	0.83	0.82	0.74	0.82
vertebal	0.75	0.86	0.9	0.93	0.74	0.86
yeastME3	0.77	0.9	0.96	0.84	0.9	0.91
ecoli	0.49	0.81	0.94	0.67	0.81	0.81
bupa	0.48	0.58	0.62	0.84	0.31	0.5
horse_colic	0.75	0.77	0.75	0.85	0.65	0.76
german	0.36	0.63	0.2	0.77	0.02	0.33
breast_cancer	0.29	0.41	0.41	0.65	0.23	0.38
cmc	0.21	0.46	0.54	0.43	0.3	0.46
hepatitis	0.53	0.69	0.57	0.66	0.61	0.68
haberman	0.28	0.32	0.49	0.49	0.01	0.25
transfusion	0.37	0.63	0.59	0.58	0.0	0.46
car	0.32	0.67	0.88	0.32	0.69	0.72
glass	0.0	0.53	0.46	0.01	0.53	0.52
abalone16_29	0.08	0.77	0.81	0.14	0.75	0.78
solar_flare	0.09	0.72	0.84	0.15	0.7	0.72
heart_cleveland	0.03	0.4	0.44	0.15	0.38	0.39
balance_scale	0.0	0.0	0.18	0.0	0.0	0.0
postoperative	0.08	0.09	0.06	0.22	0.05	0.09

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	Bag	SMOTE	ADASYN	NCR	SMOTEENN	SMOTETomek
seeds	0.85	0.84	0.81	0.85	0.85	0.85
new_thyroid	0.88	0.86	0.86	0.9	0.83	0.85
vehicle	0.85	0.79	0.81	0.84	0.81	0.79
ionosphere	0.84	0.85	0.84	0.85	0.83	0.85
vertebal	0.63	0.7	0.7	0.71	0.64	0.7
yeastME3	0.76	0.76	0.68	0.79	0.76	0.76
ecoli	0.44	0.61	0.5	0.4	0.6	0.6
bupa	0.57	0.63	0.62	0.62	0.44	0.58
horse_colic	0.8	0.79	0.79	0.75	0.75	0.79
german	0.46	0.56	0.29	0.59	0.03	0.41
breast_cancer	0.38	0.46	0.46	0.5	0.33	0.44
cmc	0.29	0.4	0.46	0.44	0.32	0.4
hepatitis	0.43	0.47	0.42	0.51	0.5	0.48
haberman	0.37	0.36	0.47	0.48	0.03	0.32
transfusion	0.44	0.44	0.42	0.44	0.0	0.39
car	0.07	0.33	0.39	0.07	0.33	0.34
glass	0.0	0.18	0.15	0.01	0.18	0.17
abalone16_29	0.15	0.28	0.27	0.22	0.29	0.29
solar_flare	0.13	0.31	0.27	0.18	0.31	0.31
heart_cleveland	0.05	0.29	0.35	0.19	0.29	0.29
balance_scale	0.0	0.0	0.1	0.0	0.0	0.0
postoperative	0.13	0.11	0.08	0.2	0.09	0.12

G-mean

	Bag	SMOTE	ADASYN	NCR	SMOTEENN	SMOTETomek
seeds	0.88	0.88	0.87	0.9	0.88	0.88
new_thyroid	0.92	0.89	0.92	0.95	0.86	0.89
vehicle	0.92	0.89	0.9	0.94	0.88	0.89
ionosphere	0.87	0.88	0.87	0.88	0.85	0.88
vertebal	0.73	0.78	0.79	0.79	0.73	0.78
yeastME3	0.86	0.92	0.93	0.9	0.92	0.92
ecoli	0.67	0.85	0.86	0.73	0.85	0.85
bupa	0.64	0.68	0.67	0.58	0.54	0.65
horse_colic	0.83	0.83	0.83	0.8	0.79	0.83
german	0.57	0.68	0.43	0.71	0.09	0.54
breast_cancer	0.51	0.59	0.59	0.62	0.46	0.57
cmc	0.44	0.59	0.64	0.6	0.5	0.59
hepatitis	0.63	0.68	0.63	0.71	0.69	0.69
haberman	0.51	0.52	0.62	0.63	0.08	0.47
transfusion	0.58	0.62	0.6	0.62	0.0	0.57
car	0.48	0.78	0.88	0.48	0.79	0.8
glass	0.0	0.57	0.52	0.02	0.57	0.57
abalone16_29	0.29	0.76	0.77	0.37	0.76	0.77
solar_flare	0.3	0.8	0.83	0.38	0.79	0.8
heart_cleveland	0.17	0.57	0.61	0.37	0.56	0.57
balance_scale	0.0	0.0	0.38	0.0	0.0	0.0
postoperative	0.28	0.27	0.22	0.37	0.22	0.28