## Accuracy

	Bag TREE	Bag TREE SMO	ADA TREE	ADA TREE SMO	Stackig	Stacki
seeds	0.9	0.91	0.91	0.92	0.91	(
$new\_thyroid$	0.97	0.96	0.97	0.97	0.97	0
vehicle	0.92	0.91	0.97	0.95	0.92	(
ionosphere	0.9	0.89	0.91	0.89	0.91	0
vertebal	0.72	0.73	0.71	0.73	0.71	0
yeastME3	0.95	0.94	0.94	0.94	0.95	0
ecoli	0.88	0.89	0.89	0.88	0.88	0
bupa	0.71	0.69	0.66	0.67	0.68	0
$horse\_colic$	0.86	0.84	0.82	0.79	0.86	0
german	0.75	0.7	0.73	0.71	0.71	0
$breast\_cancer$	0.7	0.72	0.68	0.71	0.68	0
$\mathrm{cmc}$	0.77	0.72	0.72	0.77	0.74	0
hepatitis	0.75	0.75	0.81	0.81	0.72	0
haberman	0.75	0.72	0.68	0.73	0.75	0
transfusion	0.78	0.76	0.69	0.72	0.68	0
car	0.69	0.9	0.9	0.87	0.92	0
glass	0.9	0.61	0.84	0.78	0.81	0
$abalone16\_29$	0.94	0.78	0.92	0.92	0.94	0
$solar\_flare$	0.95	0.87	0.94	0.94	0.94	0
$heart\_cleveland$	0.87	0.79	0.84	0.84	0.86	0
$balance\_scale$	0.92	$\boldsymbol{0.92}$	0.88	0.86	<b>0.92</b>	(
postoperative	0.7	0.74	0.63	0.71	0.69	0

## Sensitivity

	Bag TREE	Bag TREE SMO	ADA TREE	ADA TREE SMO	Stackig	Stacki
seeds	0.93	0.94	0.92	0.96	0.92	0
$new\_thyroid$	0.98	0.98	0.98	0.98	0.98	0
vehicle	0.93	0.93	0.98	0.99	0.96	0
ionosphere	0.96	0.98	0.97	0.99	0.95	0
vertebal	0.71	0.73	0.7	0.72	0.71	0
yeastME3	0.97	0.94	0.96	0.96	0.98	0
ecoli	0.92	0.9	0.92	0.91	0.92	0
bupa	0.9	0.95	0.77	0.94	0.82	(
$horse\_colic$	0.93	0.95	0.88	0.95	0.94	0
german	0.93	1.0	0.83	0.99	0.83	f
$breast\_cancer$	0.88	0.92	0.81	0.93	0.82	0
$\mathrm{cmc}$	0.94	0.85	0.83	0.96	0.88	0
hepatitis	0.82	0.78	0.85	0.87	0.77	0
haberman	0.92	0.98	0.78	0.93	0.91	0
transfusion	0.9	1.0	0.81	0.89	0.79	d
car	0.71	0.91	0.92	0.88	0.94	0
glass	0.97	0.61	0.89	0.82	0.87	0
$abalone16\_29$	1.0	0.78	0.97	0.95	0.99	0
$solar\_flare$	0.99	0.88	0.97	0.97	0.98	0
$heart\_cleveland$	0.98	0.85	0.94	0.94	0.97	0
$balance\_scale$	1.0	1.0	0.95	0.92	1.0	0
postoperative	0.94	0.98	0.8	0.94	0.86	0

## Specificity

	Bag TREE	Bag TREE SMO	ADA TREE	ADA TREE SMO	Stackig	Stacki
seeds	0.84	0.85	0.89	0.84	0.89	0
$new\_thyroid$	0.87	0.78	0.87	0.87	0.87	(
vehicle	0.9	0.83	0.93	0.82	0.82	0
ionosphere	0.79	0.73	0.8	0.71	0.83	0
vertebal	0.74	0.74	0.73	0.73	0.7	0
yeastME3	0.77	0.9	0.71	0.77	0.71	0
ecoli	0.51	0.81	0.6	0.66	0.49	0
bupa	0.44	0.32	0.52	0.28	0.48	0
horse_colic	0.74	0.65	0.74	0.52	0.74	0
german	0.34	0.01	0.51	0.06	0.45	0
breast_cancer	0.28	0.24	0.39	0.19	0.35	0
$\mathrm{cmc}$	0.2	0.28	0.35	0.12	0.27	0
hepatitis	0.5	0.61	0.66	0.58	0.5	(
haberman	0.27	0.02	0.41	0.17	0.3	0
transfusion	0.39	0.0	0.3	0.19	0.34	0
car	0.32	0.66	0.6	0.6	0.43	0
glass	0.0	0.53	0.18	0.32	0.12	0
$abalone16\_29$	0.08	0.74	0.22	0.33	0.17	0
solar_flare	0.09	0.72	0.09	0.13	0.12	0
$heart\_cleveland$	0.03	0.37	0.06	0.03	0.03	0
balance_scale	0.0	0.0	0.08	0.11	0.0	0
postoperative	0.04	0.08	0.17	0.06	0.21	0

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	Bag TREE	Bag TREE SMO	ADA TREE	ADA TREE SMO	Stackig	Stacki
seeds	0.85	0.86	0.87	0.87	0.87	0
$new\_thyroid$	0.88	0.83	0.88	0.88	0.88	0
vehicle	0.85	0.81	0.94	0.88	0.83	0
ionosphere	0.85	0.83	0.86	0.82	0.86	(
vertebal	0.63	0.64	0.62	0.63	0.61	0
yeastME3	0.76	0.76	0.71	0.75	0.75	0
ecoli	0.47	0.61	0.53	0.54	0.45	0
bupa	0.55	0.45	0.56	0.41	0.55	0
$horse\_colic$	0.79	0.75	0.75	0.65	0.8	0
german	0.45	0.03	0.53	0.11	0.48	0
$breast\_cancer$	0.36	0.33	<b>0.42</b>	0.28	0.4	0
$\mathrm{cmc}$	0.28	0.31	0.36	0.2	0.33	Q
hepatitis	0.46	0.5	0.58	0.56	0.42	Q
haberman	0.37	0.03	0.4	0.25	0.38	Q
transfusion	0.45	0.0	0.31	0.24	0.34	Q
car	0.07	0.34	0.32	0.25	0.28	0
glass	0.0	0.18	0.15	0.19	0.09	0
$abalone16\_29$	0.15	0.29	0.26	0.33	0.25	C
$solar\_flare$	0.14	0.31	0.11	0.14	0.14	C
$heart\_cleveland$	0.05	0.29	0.08	0.04	0.04	C
$balance\_scale$	0.0	0.0	0.1	0.11	0.0	0
postoperative	0.07	0.15	0.2	0.1	0.26	C

## G-mean

	Bag TREE	Bag TREE SMO	ADA TREE	ADA TREE SMO	Stackig	Stacki
seeds	0.88	0.89	0.9	0.89	0.9	0
$new\_thyroid$	0.92	0.88	0.92	0.92	0.92	Q
vehicle	0.92	0.88	0.96	0.9	0.88	Q
ionosphere	0.87	0.85	0.88	0.84	0.89	0
vertebal	0.72	0.73	0.71	0.73	0.7	0
yeastME3	0.86	0.92	0.82	0.86	0.83	0
ecoli	0.69	0.86	0.74	0.77	0.67	0
bupa	0.63	0.55	0.63	0.51	0.62	Q
horse_colic	0.83	0.79	0.8	0.7	0.83	Q
german	0.56	0.11	0.65	0.25	0.61	0
$breast\_cancer$	0.5	0.47	0.56	0.42	0.54	0
$\mathrm{cmc}$	0.43	0.48	0.54	0.34	0.49	0
hepatitis	0.64	0.69	0.74	0.71	0.62	(
haberman	0.5	0.09	0.56	0.39	0.52	Q
transfusion	0.59	0.0	0.49	0.41	0.52	Q
car	0.48	0.78	0.74	0.73	0.63	Q
glass	0.0	0.57	0.4	0.51	0.32	0
$abalone16\_29$	0.29	0.76	0.46	0.56	0.41	d
$solar\_flare$	0.3	0.8	0.3	0.35	0.34	C
$heart\_cleveland$	0.17	0.56	0.23	0.16	0.17	(
$balance\_scale$	0.0	0.0	0.28	0.32	0.0	(
postoperative	0.2	0.29	0.37	0.24	0.42	C