Table 2. Results on General Machine Learning Datasets

SN	Dataset Name	Nr. of inst.	Nr. of ftrs.	Nr. of cls.	Mis. values	Hierarch. Learning	Lit.	REF
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Acute Inflam. Nephritis	120	6	2	0.00	99.81	100.00	[18]
2	Acute Inflam. Urinary	120	6	2	0.00	100.00	100.00	[18]
3	Annealing	898	32	2	79.66	98.65	99.63	[18]
4	Balance Scale	625	4	3	0.00	96.60	82.76	[18]
5	Banknote Authentication	1372	4	2	0.00	99.95	99.26	[18]
6	Breast Cancer Diagnostic	569	30	2	0.00	96.80	94.00	[19]
7	Breast Cancer Original	699	9	2	0.25	96.56	96.81	[18]
8	Car Evaluation	1728	6	4	0.00	96.30	93.30	[18]
9	Chess K. R. vs K. P.	3196	36	2	0.00	99.27	99.26	[18]
10	Climate Sim. Crashes	540	18	2	0.00	93.83	92.90	[19]
11	Cong. Voting Records	435	16	2	5.63	95.59	98.60	[19]
12	Credit Approval	690	15	2	0.65	86.12	86.91	[18]
13	Dermatology	366	34	2	0.06	94.74	97.70	[18]
14	Fertility Diagnosis	100	9	2	0.00	87.47	86.90	[18]
15	Hepatitis	155	19	2	5.67	82.56	83.94	[18]
16	Hypothyroid	3163	25	2	0.07	98.76	99.73	[18]
17	Image Segmentation	2310	19	7	0.00	96.92	98.03	[18]
18	Ionosphere	351	33	2	0.00	92.74	93.74	[18]
19	Iris	150	4	3	0.00	95.49	94.87	[18]
20	Monks1	432	6	2	0.00	100.00	99.85	[18]
21	Monks2	432	6	2	0.00	95.47	72.86	[18]
22	Monks3	432	6	2	0.00	99.47	100.00	[18]
23	Parkinsons	195	22	2	0.00	88.74	91.81	[18]
24	Qualitative Bankruptcy	250	6	2	0.00	99.76	99.88	[18]
25	Seeds	210	7	3	0.00	93.60	93.71	[18]
26	Seismic Bumps	2584	18	2	0.00	92.85	93.06	[18]
27	Sick	3772	28	2	0.06	97.49	98.64	[18]
28	Sick Euthyroid	3163	25	2	0.07	97.14	95.87	[21]
29	Soybean Large	683	35	19	0.10	83.17	94.60	[18]
30	Soybean Small	47	21	4	0.00	98.65	98.20	[19]
31	Spambase	460	57	2	0.00	94.88	95.44	[18]
32	Thyroid Disease ANN	7200	21	3	0.00	99.25	92.50	[19]
33	Thyroid Disease New	215	5	3	0.00	96.43	95.80	[19]
34	Tic Tac Toe	958	9	2	0.00	94.91	95.04	[18]
35	User Knowledge Modeling	403	5	4	0.00	92.89	90.60	[18]
36	Wall Robot Sensor Rd. 2	5456	2	4	0.00	99.88	100.0	[19]
37	Wall Robot Sensor Rd. 4	5456	4	4	0.00	99.77	96.28	[20]
38	Wall Robot Sensor Rd. 24	5456	24	4	0.00	96.17	90.72	[20]
39	Wine	178	13	3	0.00	95.79	97.51	[18]
40	Zoo	101	16	7	0.00	92.97	96.05	[18]
-	Average	-	-	-	-	95.44	94.67	-