

DataBase	setSize	attr.	Clssf.	tree	treeSize	nodes	leaves	nullLvs.	%uncovered	%correct
BreastCancer	683	10	10fld	ID3	211	21	190	95	50.00	91.65
			10fld	C4.5	61	6	55	14	25.45	93.41
			10fld	Crt.	51	5	46	4	8.70	95.46
SegmentChallenge	1500	20	10fld	ID3	390	44	346	193	55.78	93.92
			10fld	C4.5	213	23	190	102	53.68	94.93
			10fld	Crt.	171	27	144	48	33.33	91.73
OpticalDíigits	5620	65	10fld	ID3	11493	676	10817	7582	70.09	44.11
			10fld	C4.5	4023	241	3782	2334	61.71	63.02
			10fld	Crt.	1769	104	1665	333	20.00	54.02
	1797		testSet	C4.5	3010	177	2833	1737	61.31	56.82
	1797		testSet	Crt.	1225	72	1153	198	17.17	54.26
penDigits	10992	17	10fld	ID3	5798	527	5271	2955	56.06	86.69
			10fld	C4.5	2366	215	2151	1068	49.65	89.16
			10fld	Crt.	1805	164	1641	342	20.84	86.85
	3498		testSet	C4.5	1915	174	1741	910	52.27	84.08
	3498		testSet	Crt.	1288	117	1171	227	19.39	81.76
letterRecognition	20000	17	10fld	ID3	30561	1910	28651	21832	76.20	73.53
			10fld	C4.5	13409	838	12571	9033	71.86	77.73
			10fld	Crt.	4657	291	4366	2060	47.18	71.65
Soybean	562	36	10fld	ID3	50	51	116	31	26.72	83.77
			10fld	C4.5	69	22	47	10	21.28	91.81
			10fld	Crt.	161	63	98	3	3.06	87.72
CarEvaluation	1728	7	10fld	ID3	408	112	296	0	0.00	89.35
			10fld	C4.5	182	51	131	0	0.00	92.36
			10fld	Crt.	213	58	155	0	0.00	94.21
			trainSet	C4.5	182	51	131	0	0.00	96.30
			trainSet	Crt.	213	58	155	0	0.00	96.30
Nursery	12960	9	10fld	ID3	1159	320	839	0	0.00	98.19
			10fld	C4.5	511	152	359	0	0.00	97.05
			10fld	Crt.	1031	274	757	0	0.00	96.37
			trainSet	C4.5	511	152	359	0	0.00	98.13
			trainSet	Crt.	1031	274	757	0	0.00	98.59

DataBase	setSize	attr.	Clssf.	tree	treeSize	nodes	leaves	nullLvs.	%crrct.	%incrrct.
mushrooms	8124	21	10fld	ID3	38	5	33	9	100.00	0.00
BreastCancer	683	10	10fld	J48	29	5	24	5	100.00	0.00
			10fld	Crt.	34	8	26	4	100.00	0.00
			10fld	ID3	211	21	190	95	91.65	3.66
SegmentChallenge	1500	20	10fld	J48	61	6	55	14	93.41	6.59
			10fld	Crt.	51	5	46	9	95.46	3.51
			10fld	ID3	390	44	346	193	93.92	3.92
Soybean	562	36	10fld	J48	213	23	190	102	94.51	5.49
			10fld	Crt.	184	29	155	52	92.00	7.47
			10fld	ID3	50	51	116	31	83.77	14.66
OpticalDigits	5620	65	10fld	J48	69	22	47	10	91.81	8.19
			10fld	Crt.	168	68	100	4	88.43	11.21
			10fld	ID3	11493	676	10817	7582	44.11	25.43
PenDigits	1797	17	10fld	J48	4098	241	3857	2409	62.43	37.57
			10fld	Crt.	1871	110	1761	411	53.79	40.43
			testSet	J48	3010	177	2833	1737	56.82	43.18
			testSet	Crt.	1446	85	1361	323	53.42	39.79
			10fld	ID3	5798	527	5271	2955	86.69	6.09
LetterRecognition	20000	17	10fld	J48	2366	215	2151	1068	89.16	10.84
			10fld	Crt.	1706	155	1551	281	86.46	12.41
			testSet	J48	1915	174	1741	910	84.08	15.92
			testSet	Crt.	1200	109	1091	165	81.85	16.72
			10fld	ID3	30561	1910	28651	21832	73.53	14.65
CarEvaluation	1728	7	10fld	J48	13409	838	12571	9033	77.73	22.27
			10fld	Crt.	4849	303	4546	2177	71.05	27.05
			10fld	ID3	408	112	296	0	89.35	3.53
Nursery	12960	9	10fld	J48	182	51	131	0	92.36	7.64
			10fld	Crt.	213	58	155	0	94.04	5.96
			trainSet	J48	182	51	131	0	96.30	3.70
			trainSet	Crt.	213	58	155	0	96.30	3.70
			10fld	ID3	1159	320	839	0	98.19	0.44
			10fld	J48	511	152	359	0	97.05	2.95
			10fld	Crt.	1042	277	765	0	95.85	4.08

	trainSet	J48	511	152	359	0	98.13	1.87
	trainSet	Crt.	1042	277	765	0	98.56	1.44

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1.57
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30.46
0.00
5.78
0.00
6.79
7.22
0.00
1.13
0.00
1.43
11.82
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1.90
7.12
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DataBase	setSize	attr.	Clssf.	tree	treeSize	nodes	leaves	nullLvs.	%crrct.	%incrrct.
CarEvaluation	1728	7	10fld	Utl.	176	47	129	0	92.36	7.64
			10fld	J48	182	51	131	0	92.36	7.64
			trainSet	Utl.	176	47	129	0	95.72	4.28
			trainSet	J48	182	51	131	0	96.30	3.70
Nursery	12960	9	10fld	Utl.	222	59	163	0	93.49	6.51
			10fld	J48	511	152	359	0	97.05	2.94
			trainSet	Utl.	226	59	167	0	94.21	5.79
			trainSet	J48	511	152	359	0	98.13	1.87
BreastCancer	683	10	10fld	Utl.	31	3	28	8	91.95	6.88
			10fld	J48	61	6	55	14	93.41	6.59
			testSet	Utl.	31	3	28	8	97.1	1.45
			testSet	J48	51	5	46	12	100.00	0.00
SegmentChallenge	1500	20	10fld	Utl.	110	15	95	39	90.07	9.27
			10fld	J48	213	23	190	102	94.93	5.07
			testSet	Utl.	110	15	95	39	88.52	10.49
			testSet	J48	213	23	190	102	94.81	5.16
Soybean	562	36	10fld	Utl.	127	51	76	6	85.59	13.17
			10fld	J48	69	22	47	10	91.81	8.19
			10fld	J48	3520	207	3313	1818	54.77	32.88
			10fld	J48	4023	241	3782	2334	63.02	36.98
			testSet	Utl.	2466	145	2321	1246	47.69	38.34
			testSet	J48	3010	177	2833	1737	56.82	43.18
penDigits	10992	17	10fld	Utl.	1453	132	1321	426	81.85	16.53
			10fld	J48	2366	215	2151	1068	89.16	10.84
			testSet	Utl.	925	84	841	287	78.22	20.18
			testSet	J48	1915	174	1741	910	84.08	15.92
letterRecognition	20000	17	10fld	Utl.	8849	553	8296	5467	72.02	24.09
			10fld	J48	13409	838	12571	9033	77.73	22.27
mushrooms	8124	21	10fld	Utl.	10	1	9	0	98.52	1.48
			10fld	J48	29	5	24	5	100.00	0.00
ContraceptiveMethod	1473	10	10fld	Utl.	88	14	74	36	42.43	56.69
			10fld	J48	298	60	238	45	50.98	49.02
SPECTheart	267	23	10fld	Utl.	3	1	2	0	79.40	20.60

		10fld	J48	17	8	9	0	80.90	19.10
	187	testSet	Utl.	3	1	2	0	61.50	38.50
	187	testSet	J48	11	5	6	0	75.40	24.60





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0.00							
1.17	21	2	19	2	95.31	4.69	0.00
0.00							
1.45							
0.00							
0.67	103	12	91	35	90.60	8.80	0.60
0.00							
0.99							
0.00							
1.25	71	27	44	1	87.90	11.92	0.18
0.00							
12.35	3412	204	3208	1852	57.47	32.12	10.41
0.00							
13.97							
0.00							
1.62							
0.00							
1.60							
0.00							
0.00							
0.00							
0.00							
0.88	21	8	13	1	42.36	57.57	0.07
0.00							
0.00	11	5	6	0	77.53	22.47	0.00

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0.00



DataBase	setSize	attr.	dim.	tree	treeSize	nodes	leaves	nullLvs.	%crrct.
CarEvaluation	1728	7	6.91E+003	Crt.	218	60	158	0	94.21
				J48	182	51	131	0	92.36
				s4b	176	47	129	0	91.44
				Utl.	174	47	127	0	91.26
				UtlD.	218	60	158	0	93.46
BreastCancer	683	10	1.80E+008	Crt.	51	5	46	2	93.26
				J48	61	6	55	14	93.41
				s4b	21	2	19	2	95.31
				Utl.	31	3	28	8	95.22
				UtlD.	90	9	81	20	93.41
SegmentChallenge	1500	20	1.06E+016	Crt.	162	26	136	25	86.27
				J48	213	23	190	102	94.93
				s4b	103	12	91	35	90.60
				Utl.	111	13	98	40	91.00
				UtlD.	208	27	181	64	92.40
Soybean	562	36	7.49E+015	Crt.	157	56	101	4	86.30
				J48	69	22	47	10	91.81
				s4b	71	27	44	1	87.90
				Utl.	75	28	47	1	88.43
				UtlD.	228	85	143	6	78.29
OpticalDigits	5620	65		Crt.	1752	106	1646	247	47.88
				J48	4023	241	3782	2334	63.02
				s4b	3412	204	3208	1852	57.47
				Utl.	3299	194	3105	1755	57.72
				UtlD.	4982	293	4689	2587	46.57
SPECTheart	267	23		Crt.	37	18	19	0	75.66
				J48	17	8	9	0	80.90
				s4b	11	5	6	0	77.53
				Utl.	7	3	4	0	78.65
				UtlD.	9	4	5	0	77.90
ContraceptiveMethodChoice	1473	10	1.66E+006	Crt.	682	190	492	57	49.63

J48	298	60	238	45	50.98
s4b	21	8	13	1	42.36
Utl.	60	12	48	25	42.29
UtlD.	793	190	603	155	46.30

%incrrct. %unclssf.

5.79	0.00
7.64	0.00
8.56	0.00
8.74	0.00
6.54	0.00
6.44	0.29
6.59	0.00
4.69	0.00
4.54	0.44
4.54	2.05
13.27	0.46
5.07	0.00
8.80	0.60
8.33	0.67
6.07	1.53
13.70	0.00
8.19	0.00
11.92	0.18
10.85	0.72
21.35	0.36
47.95	4.17
36.98	0.00
32.12	10.41
31.94	10.34
35.91	17.53
24.34	0.00
19.10	0.00
22.47	0.00
21.35	0.00
22.10	0.00
48.06	2.31

49.02	0.00
57.57	0.07
57.64	0.07
49.76	3.94

DataBase	setSize	attr.	Clssf.	tree	treeSize	nodes	leaves	nullLvs.	%ccrct.	%incrct.	
CarEvaluation	1728	7	10fld	Utl.	174	47	127	0	91.26	8.74	
			10fld	J48	182	51	131	0	92.36	7.64	
			10fld	O3	176	47	129	0	92.36	7.64	
			10fld	O2	176	47	129	0	93.06	6.94	
			10fld	O1	1	0	1	0	70.02	29.98	
			10fld	O1Dir	218	60	158	0	93.46	6.54	
			10fld	O4	214	55	159	0	89.18	10.82	
			trainSet	J48	182	51	131	0	96.30	3.70	
			trainSet	O3	176	47	129	0	95.72	4.28	
			trainSet	O2	176	47	129	0	95.72	4.28	
Nursery			10fld	Utl.							
			10fld	J48	511	152	359	0	97.05	2.94	
			10fld	O3	222	59	163	0	93.49	6.51	
			10fld	O2	249	64	185	0	94.24	5.76	
			10fld	O1	6	2	4	0	70.97	29.03	
			10fld	O1Dir	917	263	654	0	98.36	1.44	
			trainSet	J48	511	152	359	0	98.13	1.87	
			trainSet	O3	226	59	167	0	94.21	5.79	
			trainSet	O2	249	64	185	0	95.17	4.83	
			BreastCancer	683	10	10fld	Utl.	31	3	28	8
10fld	J48	61				6	55	14	93.41	6.59	
10fld	O3	31				3	28	8	91.95	6.88	
10fld	O2	31				3	28	8	93.70	5.71	
10fld	O1	31				3	28	8	88.73	10.98	
69		testSet		J48	51	5	46	12	100.00	0.00	
69		testSet		O3	31	3	28	8	97.1	1.45	
69		testSet		O2	31	3	28	8	97.1	1.45	



SegmentChallenge	1500	20	10fld	Utl.	111	13	98	40	91.00	8.33
			10fld	J48	213	23	190	102	94.93	5.07
			10fld	O3	110	15	95	39	90.07	9.27
			10fld	O2	197	45	152	63	91.73	7.47
			10fld	O1	111	13	98	40	91.00	8.33
	810		testSet	J48	213	23	190	102	94.81	5.16
	810		testSet	O3	110	15	95	39	88.52	10.49
	810		testSet	O2	197	45	152	63	90.74	7.90
	Soybean	36	10fld	Utl.	75	28	47	1	88.43	10.85
			10fld	J48	69	22	47	10	91.81	8.19
			10fld	O3	127	51	76	6	85.59	13.17
			10fld	O2	183	73	110	14	87.37	11.57
			10fld	O1	75	28	47	1	88.43	10.85
OpticalDigits	5620	65	10fld	Utl.	3299	194	3105	1755	57.72	31.94
			10fld	J48	4023	241	3782	2334	63.02	36.98
			10fld	O3	3520	207	3313	1818	54.77	32.88
			10fld	O2	3809	224	3585	1979	53.54	33.00
			10fld	O1	3299	194	3105	1755	57.72	31.94
	1797		testSet	J48	3010	177	2833	1737	56.82	43.18
	1797		testSet	O3	2466	145	2321	1246	47.69	38.34
	1797		testSet	O2	2891	170	2721	1525	48.53	35.84
	1797		testSet	O1	2058	121	1937	992	54.81	35.23
	penDigits	10992	10fld	O3	1453	132	1321	426	81.85	16.53
			10fld	J48	2366	215	2151	1068	89.16	10.84
		3498	testSet	O3	925	84	841	287	78.22	20.18
		3498	testSet	J48	1915	174	1741	910	84.08	15.92

letterRecognition	20000	17	10fld	O3	8849	553	8296	5467	72.02	24.09
			10fld	J48	13409	838	12571	9033	77.73	22.27
mushrooms	8124	21	10fld	O3	10	1	9	0	98.52	1.48
			10fld	J48	29	5	24	5	100.00	0.00
SPECTheart	267	23	10fld	Utl.	7	3	4	0	78.65	21.35
			10fld	J48	17	8	9	0	80.90	19.10
			10fld	O3	3	1	2	0	79.40	20.60
			10fld	O2	77	38	39	0	78.65	21.35
			10fld	O1	1	0	1	0	79.40	20.60
	187		testSet	J48	11	5	6	0	75.40	24.60
	187		testSet	O3	3	1	2	0	61.50	38.50
	187		testSet	O2	27	13	14	0	63.64	36.36
	187		testSet	O1	11	5	6	0	71.12	28.88
ContraceptiveMethod	1473	10	10fld	Utl.	60	12	48	25	42.29	57.64
			10fld	J48	298	60	238	45	50.98	49.02
			10fld	O3	88	14	74	36	42.43	56.69
			10fld	O2	1194	122	1072	578	40.26	48.40
			10fld	O1	60	12	48	25	42.29	57.64

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10.34

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15.64  
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DataBase	setSize	attr.	Clssf.	tree	treeSize	nodes	leaves	nullLvs.	%crrct.	%incrrct.
CarEvaluation	1728	7	10fld	O4	164	44	120	0	90.97	9.03
			10fld	J48	182	51	131	0	92.36	7.64
			10fld	O5	164	44	120	0	91.44	8.56
			10fld	O5dir	218	60	158	0	93.58	6.42
			10fld	O6	164	44	120	0	91.44	8.56
			10fld	O6dir	218	60	158	0	94.44	5.56
			10fld	O3	213	58	155	0	94.04	5.96
			10fld	O4b	213	58	155	0	93.92	6.08
			trainSet	O4	164	44	120	0	94.56	5.44
			trainSet	J48	182	51	131	0	96.30	3.70
			trainSet	O5	164	44	120	0	94.56	5.44
Nursery	12960	9	10fld	O4	23	7	16	0	73.09	26.91
			10fld	J48	511	152	359	0	97.05	2.94
			10fld	O5	40	12	28	0	72.92	27.08
			10fld	O5dir	917	263	654	0	98.40	1.43
			10fld	O6	29	9	20	0	72.56	27.44
			10fld	O6dir	917	263	654	0	97.92	1.96
			10fld	O3	1042	277	765	0	95.85	4.08
			10fld	O4b	1000	264	736	0	96.37	3.58
			trainSet	O4	23	7	16	0	72.98	27.02
			trainSet	J48	511	152	359	0	98.13	1.87
			trainSet	O5	40	12	28	0	73.87	26.13
BreastCancer	683	10	10fld	O4	1	0	1	0	65.01	34.99
			10fld	J48	61	6	55	14	93.41	6.59
			10fld	O5	1	0	1	0	65.01	34.99
			10fld	O5dir	90	9	81	20	92.97	4.98
			10fld	O6	1	0	1	0	65.01	34.99

SegmentChallenge	1500	20	10fld	O6dir	51	5	46	2	93.26	6.44
			10fld	O3	51	5	46	9	95.46	3.51
			10fld	O4b	70	7	63	4	93.27	5.56
			testSet	O4	1	0	1	0	65.22	34.78
			testSet	J48	51	5	46	12	100.00	0.00
			testSet	O5	1	0	1	0	65.01	34.99
			10fld	O4	46	6	40	8	74.40	25.60
			10fld	J48	213	23	190	102	94.93	5.07
			10fld	O5	103	12	91	35	90.47	8.87
			10fld	O5dir	221	27	194	75	92.60	6.20
Soybean	562	36	10fld	O6	39	5	34	4	73.80	26.13
			10fld	O6dir	159	25	134	24	86.80	12.50
			10fld	O3	184	29	155	52	92.00	7.47
			10fld	O4b	157	27	130	32	90.73	8.87
			10fld	O4	69	28	41	0	84.70	15.30
			10fld	J48	69	22	47	10	91.81	8.19
			10fld	O5	70	27	43	1	88.26	11.57
			10fld	O5dir	176	66	110	2	81.14	18.50
			10fld	O6	57	23	34	0	82.56	17.43
			10fld	O6dir	152	53	99	2	84.16	15.84
OpticalDigits	5620	65	10fld	O3	168	68	100	4	88.43	11.21
			10fld	O4b	169	63	106	9	86.48	13.17
			10fld	O4	1429	84	1345	320	48.81	46.99
			10fld	J48	4023	241	3782	2334	63.02	36.98
			10fld	O5	3418	201	3217	1863	57.47	31.98
			10fld	O5dir	5747	338	5409	3232	45.64	35.07
			10fld	O6	1361	80	1281	166	48.74	47.86
			10fld	O6dir	1820	107	1713	315	44.68	50.59
			10fld	O3	1871	110	1761	411	53.79	40.43
			10fld	O4b	1854	109	1745	340	48.20	45.94

	1797		testSet	O4	1242	73	1169	379	47.08	48.08
			testSet	J48	3010	177	2833	1737	56.82	43.18
			testSet	O5	2279	134	2145	1190	54.03	35.67
penDigits	10992	17	10fld	O4	375	34	341	22	76.29	23.57
			10fld	J48	2366	215	2151	1068	89.16	10.84
			10fld	O5	881	80	801	290	77.33	21.27
			10fld	O5dir	2828	257	2571	986	87.03	9.86
			10fld	O6	397	36	361	12	75.88	23.94
			10fld	O6dir	1387	126	1261	128	81.29	17.93
			10fld	O3	1706	155	1551	281	86.46	12.41
			10fld	O4b	1475	134	1341	164	85.73	13.26
	3498		testSet	O4	364	33	331	23	73.50	26.13
			testSet	J48	1915	174	1741	910	84.08	15.92
			testSet	O5	848	77	771	279	73.30	25.43
letterRecognition	20000	17	10fld	O4	3601	225	3376	1621	61.73	36.75
			10fld	J48	13409	838	12571	9033	77.73	22.27
			10fld	O5	8929	558	8371	5525	72.01	23.95
			10fld	O5dir	15505	969	14536	9826	71.92	21.59
			10fld	O6	2417	151	2266	788	60.43	38.71
			10fld	O6dir	4257	266	3991	1525	59.06	39.38
			10fld	O3	4849	303	4546	2177	71.05	27.05
	8124	21	10fld	O4	12	2	10	1	96.01	3.99
			10fld	J48	29	5	24	5	100.00	0.00
			10fld	O5	12	2	10	1	96.01	3.99
			10fld	O5dir	10	1	9	0	98.52	1.47
			10fld	O6	12	2	10	1	96.01	3.99
			10fld	O6dir	10	1	9	0	98.52	1.47
			10fld	O3	34	8	26	4	100.00	0.00



			10fld	O4b	34	8	26	4	100.00	0.00
SPECTheart	267	23	10fld	O4	21	10	11	0	76.78	23.22
			10fld	J48	17	8	9	0	80.90	19.10
			10fld	O5	21	10	11	0	76.78	23.22
			10fld	O5dir	37	18	19	0	75.66	24.34
			10fld	O6	21	10	11	0	76.78	23.22
			10fld	O6dir	37	18	19	0	75.65	24.34
			10fld	O3	105	52	53	0	74.91	25.09
			10fld	O4b	109	54	55	0	78.28	21.72
	187		testSet	O4	9	4	5	0	57.22	42.78
			testSet	J48	11	5	6	0	75.40	24.60
			testSet	O5	9	4	5	0	57.22	42.78
ContraceptiveMethod	1473	10	10fld	O4	99	21	78	31	42.29	57.43
			10fld	J48	298	60	238	45	50.98	49.02
			10fld	O5	86	14	72	38	42.36	57.50
			10fld	O5dir	738	200	538	90	47.66	48.89
			10fld	O6	65	20	45	3	42.09	57.71
			10fld	O6dir	652	182	470	51	49.63	48.40
			10fld	O3	956	129	827	353	41.75	49.29
			10fld	O4b	915	129	786	321	41.55	49.69

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DataBase	setSize	attr.	Clssf.	tree	treeSize	nodes	leaves	nullLvs.	%crrct.	%incrrct.
CarEvaluation	1728	7	10fld	O4	164	44	120	0	90.97	9.03
			10fld	J48	182	51	131	0	92.36	7.64
			10fld	O5	164	44	120	0	91.44	8.56
			10fld	O5dir	218	60	158	0	93.58	6.42
			10fld	O6	164	44	120	0	91.44	8.56
			10fld	O6dir	218	60	158	0	94.44	5.56
			10fld	O3	213	58	155	0	94.04	5.96
			10fld	O4b	213	58	155	0	93.92	6.08
			trainSet	O4	164	44	120	0	94.56	5.44
			trainSet	J48	182	51	131	0	96.30	3.70
			trainSet	O5	164	44	120	0	94.56	5.44
Nursery	12960	9	10fld	O4	23	7	16	0	73.09	26.91
			10fld	J48	511	152	359	0	97.05	2.94
			10fld	O5	40	12	28	0	72.92	27.08
			10fld	O5dir	917	263	654	0	98.40	1.43
			10fld	O6	29	9	20	0	72.56	27.44
			10fld	O6dir	917	263	654	0	97.92	1.96
			10fld	O3	1042	277	765	0	95.85	4.08
			10fld	O4b	1000	264	736	0	96.37	3.58
			trainSet	O4	23	7	16	0	72.98	27.02
			trainSet	J48	511	152	359	0	98.13	1.87
			trainSet	O5	40	12	28	0	73.87	26.13
BreastCancer	683	10	10fld	O4	1	0	1	0	65.01	34.99
			10fld	J48	61	6	55	14	93.41	6.59
			10fld	O5	1	0	1	0	65.01	34.99
			10fld	O5dir	90	9	81	20	92.97	4.98
			10fld	O6	1	0	1	0	65.01	34.99

SegmentChallenge	1500	20	10fld	O6dir	51	5	46	2	93.26	6.44
			10fld	O3	51	5	46	9	95.46	3.51
			10fld	O4b	70	7	63	4	93.27	5.56
			testSet	O4	1	0	1	0	65.22	34.78
			testSet	J48	51	5	46	12	100.00	0.00
			testSet	O5	1	0	1	0	65.01	34.99
			10fld	O4	46	6	40	8	74.40	25.60
			10fld	J48	213	23	190	102	94.93	5.07
			10fld	O5	103	12	91	35	90.47	8.87
			10fld	O5dir	221	27	194	75	92.60	6.20
Soybean	562	36	10fld	O6	39	5	34	4	73.80	26.13
			10fld	O6dir	159	25	134	24	86.80	12.50
			10fld	O3	184	29	155	52	92.00	7.47
			10fld	O4b	157	27	130	32	90.73	8.87
			10fld	O4	69	28	41	0	84.70	15.30
			10fld	J48	69	22	47	10	91.81	8.19
			10fld	O5	70	27	43	1	88.26	11.57
			10fld	O5dir	176	66	110	2	81.14	18.50
			10fld	O6	57	23	34	0	82.56	17.43
			10fld	O6dir	152	53	99	2	84.16	15.84
OpticalDigits	5620	65	10fld	O3	168	68	100	4	88.43	11.21
			10fld	O4b	169	63	106	9	86.48	13.17
			10fld	O4	1429	84	1345	320	48.81	46.99
			10fld	J48	4023	241	3782	2334	63.02	36.98
			10fld	O5	3418	201	3217	1863	57.47	31.98
			10fld	O5dir	5747	338	5409	3232	45.64	35.07
			10fld	O6	1361	80	1281	166	48.74	47.86
			10fld	O6dir	1820	107	1713	315	44.68	50.59
			10fld	O3	1871	110	1761	411	53.79	40.43
			10fld	O4b	1854	109	1745	340	48.20	45.94

	1797		testSet	O4	1242	73	1169	379	47.08	48.08
			testSet	J48	3010	177	2833	1737	56.82	43.18
			testSet	O5	2279	134	2145	1190	54.03	35.67
penDigits	10992	17	10fld	O4	375	34	341	22	76.29	23.57
			10fld	J48	2366	215	2151	1068	89.16	10.84
			10fld	O5	881	80	801	290	77.33	21.27
			10fld	O5dir	2828	257	2571	986	87.03	9.86
			10fld	O6	397	36	361	12	75.88	23.94
			10fld	O6dir	1387	126	1261	128	81.29	17.93
			10fld	O3	1706	155	1551	281	86.46	12.41
			10fld	O4b	1475	134	1341	164	85.73	13.26
	3498		testSet	O4	364	33	331	23	73.50	26.13
			testSet	J48	1915	174	1741	910	84.08	15.92
			testSet	O5	848	77	771	279	73.30	25.43
letterRecognition	20000	17	10fld	O4	3601	225	3376	1621	61.73	36.75
			10fld	J48	13409	838	12571	9033	77.73	22.27
			10fld	O5	8929	558	8371	5525	72.01	23.95
			10fld	O5dir	15505	969	14536	9826	71.92	21.59
			10fld	O6	2417	151	2266	788	60.43	38.71
			10fld	O6dir	4257	266	3991	1525	59.06	39.38
			10fld	O3	4849	303	4546	2177	71.05	27.05
	8124	21	10fld	O4	12	2	10	1	96.01	3.99
			10fld	J48	29	5	24	5	100.00	0.00
			10fld	O5	12	2	10	1	96.01	3.99
			10fld	O5dir	10	1	9	0	98.52	1.47
			10fld	O6	12	2	10	1	96.01	3.99
			10fld	O6dir	10	1	9	0	98.52	1.47
			10fld	O3	34	8	26	4	100.00	0.00



			10fld	O4b	34	8	26	4	100.00	0.00
SPECTheart	267	23	10fld	O4	21	10	11	0	76.78	23.22
			10fld	J48	17	8	9	0	80.90	19.10
			10fld	O5	21	10	11	0	76.78	23.22
			10fld	O5dir	37	18	19	0	75.66	24.34
			10fld	O6	21	10	11	0	76.78	23.22
			10fld	O6dir	37	18	19	0	75.65	24.34
			10fld	O3	105	52	53	0	74.91	25.09
			10fld	O4b	109	54	55	0	78.28	21.72
	187		testSet	O4	9	4	5	0	57.22	42.78
			testSet	J48	11	5	6	0	75.40	24.60
			testSet	O5	9	4	5	0	57.22	42.78
ContraceptiveMethod	1473	10	10fld	O4	99	21	78	31	42.29	57.43
			10fld	J48	298	60	238	45	50.98	49.02
			10fld	O5	86	14	72	38	42.36	57.50
			10fld	O5dir	738	200	538	90	47.66	48.89
			10fld	O6	65	20	45	3	42.09	57.71
			10fld	O6dir	652	182	470	51	49.63	48.40
			10fld	O3	956	129	827	353	41.75	49.29
			10fld	O4b	915	129	786	321	41.55	49.69

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DataBase	setSize	attr.	Clssf.	tree	treeSize	nodes	leaves	nullLvs.	%crrct.	%incrrct.
CarEvaluation	1728	7	10fld	O4	164	44	120	0	90.97	9.03
			10fld	J48	182	51	131	0	92.36	7.64
			10fld	O5	164	44	120	0	91.44	8.56
			10fld	O5dir	218	60	158	0	93.58	6.42
			10fld	O6	164	44	120	0	91.44	8.56
			10fld	O6dir	218	60	158	0	94.44	5.56
			10fld	O3	213	58	155	0	94.04	5.96
			10fld	O4b	213	58	155	0	93.92	6.08
			10fld	O3b	213	58	155	0	93.81	6.19
			10fld	O9	213	58	155	0	94.21	5.79
			trainSet	O4	164	44	120	0	94.56	5.44
			trainSet	J48	182	51	131	0	96.30	3.70
			trainSet	O5	164	44	120	0	94.56	5.44
Nursery	12960	9	10fld	O4	23	7	16	0	73.09	26.91
			10fld	J48	511	152	359	0	97.05	2.94
			10fld	O5	40	12	28	0	72.92	27.08
			10fld	O5dir	917	263	654	0	98.40	1.43
			10fld	O6	29	9	20	0	72.56	27.44
			10fld	O6dir	917	263	654	0	97.92	1.96
			10fld	O3	1042	277	765	0	95.85	4.08
			10fld	O4b	1000	264	736	0	96.37	3.58
			10fld	O3b	1042	277	765	0	95.80	4.15
			10fld	O9	1032	274	758	0	96.20	3.73
			trainSet	O4	23	7	16	0	72.98	27.02
			trainSet	J48	511	152	359	0	98.13	1.87
			trainSet	O5	40	12	28	0	73.87	26.13
BreastCancer	683	10	10fld	O4	1	0	1	0	65.01	34.99

			10fld	J48	61	6	55	14	93.41	6.59	
			10fld	O5	1	0	1	0	65.01	34.99	
			10fld	O5dir	90	9	81	20	92.97	4.98	
			10fld	O6	1	0	1	0	65.01	34.99	
			10fld	O6dir	51	5	46	2	93.26	6.44	
			10fld	O3	51	5	46	9	95.46	3.51	
			10fld	O4b	70	7	63	4	93.27	5.56	
			10fld	O3b	61	6	55	10	95.46	3.51	
			10fld	O9	51	5	46	9	94.58	4.39	
					69	testSet	O4	1	0	1	0
testSet	J48	51				5	46	12	100.00	0.00	
testSet	O5	1				0	1	0	65.01	34.99	
10fld	O4	46				6	40	8	74.40	25.60	
10fld	J48	213				23	190	102	94.93	5.07	
10fld	O5	103				12	91	35	90.47	8.87	
10fld	O5dir	221				27	194	75	92.60	6.20	
10fld	O6	39				5	34	4	73.80	26.13	
10fld	O6dir	159				25	134	24	86.80	12.50	
10fld	O3	184				29	155	52	92.00	7.47	
SegmentChallenge	1500	20	10fld	O4b	157	27	130	32	90.73	8.87	
			10fld	O3b	188	31	157	0	91.67	7.80	
			10fld	O9	184	31	153	46	91.80	7.67	
			10fld	O4	69	28	41	0	84.70	15.30	
			10fld	J48	69	22	47	10	91.81	8.19	
			10fld	O5	70	27	43	1	88.26	11.57	
			10fld	O5dir	176	66	110	2	81.14	18.50	
			10fld	O6	57	23	34	0	82.56	17.43	
			10fld	O6dir	152	53	99	2	84.16	15.84	
			10fld	O3	168	68	100	4	88.43	11.21	
	Soybean	562	36	10fld	O4b	169	63	106	9	86.48	13.17
				10fld	O3b	160	64	96	3	88.61	11.21

OpticalDigits	5620	65	10fld	O9	182	70	112	12	87.01	12.81
			10fld	O4	1429	84	1345	320	48.81	46.99
			10fld	J48	4023	241	3782	2334	63.02	36.98
			10fld	O5	3418	201	3217	1863	57.47	31.98
			10fld	O5dir	5747	338	5409	3232	45.64	35.07
			10fld	O6	1361	80	1281	166	48.74	47.86
			10fld	O6dir	1820	107	1713	315	44.68	50.59
			10fld	O3	1871	110	1761	411	53.79	40.43
			10fld	O4b	1854	109	1745	340	48.20	45.94
			10fld	O3b	1922	113	1809	412	55.23	38.35
penDigits	10992	17	10fld	O9	0	0	0	0	0.00	0.00
			testSet	O4	1242	73	1169	379	47.08	48.08
			testSet	J48	3010	177	2833	1737	56.82	43.18
			testSet	O5	2279	134	2145	1190	54.03	35.67
			10fld	O4	375	34	341	22	76.29	23.57
			10fld	J48	2366	215	2151	1068	89.16	10.84
			10fld	O5	881	80	801	290	77.33	21.27
			10fld	O5dir	2828	257	2571	986	87.03	9.86
			10fld	O6	397	36	361	12	75.88	23.94
			10fld	O6dir	1387	126	1261	128	81.29	17.93
letterRecognition	20000	17	10fld	O3	1706	155	1551	281	86.46	12.41
			10fld	O4b	1475	134	1341	164	85.73	13.26
			10fld	O3b	1871	170	1701	338	86.77	11.85
			10fld	O9	0	0	0	0	0.00	0.00
			testSet	O4	364	33	331	23	73.50	26.13
			testSet	J48	1915	174	1741	910	84.08	15.92
			testSet	O5	848	77	771	279	73.30	25.43
			10fld	O4	3601	225	3376	1621	61.73	36.75
			10fld	J48	13409	838	12571	9033	77.73	22.27



			10fld	O5	8929	558	8371	5525	72.01	23.95
			10fld	O5dir	15505	969	14536	9826	71.92	21.59
			10fld	O6	2417	151	2266	788	60.43	38.71
			10fld	O6dir	4257	266	3991	1525	59.06	39.38
			10fld	O3	4849	303	4546	2177	71.05	27.05
			10fld	O4b	4561	285	4276	1811	65.73	32.51
			10fld	O3b	4929	308	4621	2207	71.67	26.26
			10fld	O9	0	0	0	0	0.00	0.00
mushrooms	8124	21	10fld	O4	12	2	10	1	96.01	3.99
			10fld	J48	29	5	24	5	100.00	0.00
			10fld	O5	12	2	10	1	96.01	3.99
			10fld	O5dir	10	1	9	0	98.52	1.47
			10fld	O6	12	2	10	1	96.01	3.99
			10fld	O6dir	10	1	9	0	98.52	1.47
			10fld	O3	34	8	26	4	100.00	0.00
			10fld	O4b	34	8	26	4	100.00	0.00
			10fld	O3b	74	16	58	22	99.96	0.04
			10fld	O9	0	0	0	0	0.00	0.00
SPECTheart	267	23	10fld	O4	21	10	11	0	76.78	23.22
			10fld	J48	17	8	9	0	80.90	19.10
			10fld	O5	21	10	11	0	76.78	23.22
			10fld	O5dir	37	18	19	0	75.66	24.34
			10fld	O6	21	10	11	0	76.78	23.22
			10fld	O6dir	37	18	19	0	75.65	24.34
			10fld	O3	105	52	53	0	74.91	25.09
			10fld	O4b	109	54	55	0	78.28	21.72
			10fld	O3b	97	48	49	0	76.03	23.97
			10fld	O9	107	53	54	0	75.66	24.34
	187		testSet	O4	9	4	5	0	57.22	42.78
			testSet	J48	11	5	6	0	75.40	24.60
			testSet	O5	9	4	5	0	57.22	42.78

ContraceptiveMethod	1473	10	10fld	O4	99	21	78	31	42.29	57.43
			10fld	J48	298	60	238	45	50.98	49.02
			10fld	O5	86	14	72	38	42.36	57.50
			10fld	O5dir	738	200	538	90	47.66	48.89
			10fld	O6	65	20	45	3	42.09	57.71
			10fld	O6dir	652	182	470	51	49.63	48.40
			10fld	O3	956	129	827	353	41.75	49.29
			10fld	O4b	915	129	786	321	41.55	49.69
			10fld	O3b	978	130	848	364	40.87	50.10
			10fld	O9	981	134	847	361	40.80	49.83

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DataBase	setSize	attr.	Clssf.	tree	treeSize	nodes	leaves	nullLvs.	%corrct.	%incrrct.
CarEvaluation	1728	7	10fld	ID3	408	112	296	0	89.35	3.53
			10fld	J48	182	51	131	0	92.36	7.64
			10fld	O3	213	58	155	0	94.04	5.96
			10fld	O10	213	58	155	0	93.92	6.08
			10fld	O10b	213	58	155	0	94.21	5.79
			10fld	O11	213	58	155	0	94.21	5.79
			trainSet	O4	164	44	120	0	94.56	5.44
			trainSet	J48	182	51	131	0	96.30	3.70
			trainSet	O11	213	58	155	0	96.30	3.70
Nursery	12960	9	10fld	ID3	1159	320	839	0	98.19	0.44
			10fld	J48	511	152	359	0	97.05	2.94
			10fld	O3	1042	277	765	0	95.85	4.08
			10fld	O10	1032	274	758	0	96.22	3.71
			10fld	O10b	1032	274	758	0	96.16	3.77
			10fld	O11	1031	274	757	0	96.37	3.56
			trainSet	O4	23	7	16	0	72.98	27.02
			trainSet	J48	511	152	359	0	98.13	1.87
			trainSet	O11	1031	274	757	0	98.59	1.41
BreastCancer	683	10	10fld	ID3	211	21	190	95	91.65	3.66
			10fld	J48	61	6	55	14	93.41	6.59
			10fld	O3	51	5	46	9	95.46	3.51
			10fld	O10	71	7	64	23	93.41	5.27
			10fld	O10b	61	6	55	17	94.00	4.54
			10fld	O11	51	5	46	4	95.46	3.66
	69		testSet	O4	1	0	1	0	65.22	34.78
			testSet	J48	51	5	46	12	100.00	0.00



			testSet	O11	41	4	37	4	95.65	2.9
SegmentChallenge	1500	20	10fld	ID3	390	44	346	193	93.92	3.92
			10fld	J48	213	23	190	102	94.93	5.07
			10fld	O3	184	29	155	52	92.00	7.47
			10fld	O10	203	31	172	62	91.80	7.20
			10fld	O10b	195	32	163	53	91.87	7.13
			10fld	O11	171	27	144	48	91.73	7.80
Soybean	562	36	10fld	ID3	50	51	116	31	83.77	14.66
			10fld	J48	69	22	47	10	91.81	8.19
			10fld	O3	168	68	100	4	88.43	11.21
			10fld	O10	157	62	95	5	88.61	11.21
			10fld	O10b	177	68	109	12	87.01	12.63
			10fld	O11	161	63	98	3	87.72	12.28
OpticalDigits	5620	65	10fld	ID3	11493	676	10817	7582	44.11	25.43
			10fld	J48	4023	241	3782	2334	63.02	36.98
			10fld	O3	1871	110	1761	411	53.79	40.43
			10fld	O10	3078	181	2897	1261	47.49	42.19
			10fld	O10b	2109	124	1985	525	48.54	44.82
			10fld	O11	1769	104	1665	333	54.02	39.98
	1797		testSet	O4	1242	73	1169	379	47.08	48.08
			testSet	J48	3010	177	2833	1737	56.82	43.18
			testSet	O11	1225	72	1153	198	54.26	39.84
penDigits	10992	17	10fld	ID3	5798	527	5271	2955	86.69	6.09
			10fld	J48	2366	215	2151	1068	89.16	10.84
			10fld	O3	1706	155	1551	281	86.46	12.41
			10fld	O10	1948	177	1771	488	86.34	12.10
			10fld	O10b	1574	143	1431	216	86.35	12.46
			10fld	O11	1805	164	1641	342	86.85	11.68

	3498		testSet	O4	364	33	331	23	73.50	26.13
			testSet	J48	1915	174	1741	910	84.08	15.92
			testSet	O11	1288	117	1171	227	81.76	16.52
letterRecognition	20000	17	10fld	ID3	30561	1910	28651	21832	73.53	14.65
			10fld	J48	13409	838	12571	9033	77.73	22.27
			10fld	O3	4849	303	4546	2177	71.05	27.05
			10fld	O10	6657	416	6241	3308	68.14	28.86
			10fld	O10b	5521	345	5176	2498	68.17	29.65
			10fld	O11	4657	291	4366	2060	71.65	26.54
mushrooms	8124	21	10fld	ID3	38	5	33	9	100.00	0.00
			10fld	J48	29	5	24	5	100.00	0.00
			10fld	O3	34	8	26	4	100.00	0.00
			10fld	O10	34	8	26	4	100.00	0.00
			10fld	O10b	67	16	51	19	100.00	0.00
			10fld	O11	34	8	26	4	100.00	0.00
SPECTheart	267	23	10fld	O4	21	10	11	0	76.78	23.22
			10fld	J48	17	8	9	0	80.90	19.10
			10fld	O3	105	52	53	0	74.91	25.09
			10fld	O10	105	52	53	0	76.78	23.22
			10fld	O10b	109	54	55	0	75.66	24.34
			10fld	O11	105	52	53	0	76.78	23.22
	187		testSet	O4	9	4	5	0	57.22	42.78
			testSet	J48	11	5	6	0	75.40	24.60
			testSet	O11	35	17	18	0	63.10	36.90
ContraceptiveMethod	1473	10	10fld	O4	99	21	78	31	42.29	57.43
			10fld	J48	298	60	238	45	50.98	49.02
			10fld	O3	956	129	827	353	41.75	49.29
			10fld	O10	1121	141	980	465	39.85	48.41
			10fld	O10b	1067	143	924	413	39.78	49.36

10fld	O11	740	119	621	198	41.89	51.66
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