Table 1: Average F_1 scores (higher is better) over all data sets.

(p_-, p_+)	Li&Ma tree	Li&Ma thresh.	Menon PK/F1	Menon CU/F1	Mithal CU/G	default F1	Menon CK/F1
$(0.5, 0.1)$	$.414 \pm .049$	$.408 \pm .050$	$\mathbf{.417 \pm .051}$	$.262 \pm .046$	$.333 \pm .051$	$.112 \pm .000$	$.424 \pm .049$
$(0.5, 0.25)$	$.330 \pm .071$	$.327 \pm .059$	$\mathbf{.336 \pm .066}$	$.184 \pm .037$	$.234 \pm .057$	$.112 \pm .000$	$.339 \pm .062$
$(0.2, 0.2)$	$.482 \pm .037$	$.485 \pm .044$	$\mathbf{.498 \pm .041}$	$.408 \pm .044$	$.429 \pm .051$	$.169 \pm .036$	$.510 \pm .035$
$(0.4, 0.4)$	$.281 \pm .061$	$.280 \pm .067$	$\mathbf{.294 \pm .069}$	$.172 \pm .039$	$.185 \pm .047$	$.112 \pm .000$	$.298 \pm .068$
$(0.1, 0.3)$	$.497 \pm .041$	$.499 \pm .039$	$\mathbf{.512 \pm .034}$	$.466 \pm .043$	$.461 \pm .052$	$.402 \pm .045$	$.525 \pm .032$
$(0.3, 0.1)$	$.482 \pm .039$	$.480 \pm .046$	$\mathbf{.490 \pm .041}$	$.371 \pm .042$	$.405 \pm .045$	$.114 \pm .002$	$.501 \pm .037$
avg.	$.414 \pm .050$	$.413 \pm .051$	$\mathbf{.425 \pm .050}$	$.310 \pm .042$	$.341 \pm .050$	$.170 \pm .014$	$.433 \pm .047$

Table 2: Average f_α scores (higher is better) over all data sets.

(p_-, p_+)	Li&Ma tree	Li&Ma thresh.	Menon PK/F1	Menon CU/F1	Mithal CU/G	default F1	Menon CK/F1
$(0.5, 0.1)$	6.99 ± 1.12	$\mathbf{7.16 \pm 1.07}$	6.99 ± 1.09	5.57 ± 1.27	6.61 ± 1.26	2.79 ± 0.90	7.16 ± 1.08
$(0.5, 0.25)$	3.54 ± 1.17	$\mathbf{3.85 \pm 1.17}$	3.83 ± 1.20	2.70 ± 1.07	3.15 ± 1.24	1.75 ± 0.86	3.88 ± 1.16
$(0.2, 0.2)$	12.44 ± 1.16	$\mathbf{12.79 \pm 1.13}$	12.59 ± 1.19	12.01 ± 1.22	12.25 ± 1.34	7.02 ± 1.43	12.76 ± 1.09
$(0.4, 0.4)$	2.68 ± 0.97	$\mathbf{2.90 \pm 1.15}$	2.90 ± 1.17	2.27 ± 1.16	2.25 ± 1.25	1.65 ± 1.01	2.94 ± 1.12
$(0.1, 0.3)$	14.75 ± 1.21	$\mathbf{15.06 \pm 1.20}$	14.83 ± 1.20	14.74 ± 1.23	14.60 ± 1.29	12.87 ± 1.38	14.90 ± 1.21
$(0.3, 0.1)$	11.54 ± 0.97	$\mathbf{11.91 \pm 1.09}$	11.66 ± 1.13	10.66 ± 1.21	11.27 ± 1.23	4.88 ± 1.09	11.89 ± 1.05
avg.	8.66 ± 1.10	$\mathbf{8.95 \pm 1.13}$	8.80 ± 1.16	7.99 ± 1.20	8.35 ± 1.27	5.16 ± 1.11	8.92 ± 1.12

Table 3: Average accuracy (higher is better) over all data sets.

noise configuration	Li&Ma tree	Li&Ma thresh.	Menon PK/acc.	Menon CK/acc.	Menon CU/acc.	Mithal CU/G	Yao CU/acc.	default acc.
$p_- = 0.5,\ p_+ = 0.1$	0.785 ± 0.091	0.762 ± 0.123	0.911 ± 0.020	$\mathbf{0.946 \pm 0.007}$	0.738 ± 0.071	0.597 ± 0.111	0.401 ± 0.094	0.401 ± 0.094
$p_- = 0.5,\ p_+ = 0.25$	0.757 ± 0.152	0.728 ± 0.153	0.903 ± 0.022	$\mathbf{0.928 \pm 0.016}$	0.671 ± 0.096	0.507 ± 0.137	0.433 ± 0.101	0.433 ± 0.101
$p_- = 0.2,\ p_+ = 0.2$	0.813 ± 0.059	0.794 ± 0.089	0.933 ± 0.010	0.954 ± 0.004	0.894 ± 0.027	0.730 ± 0.091	$\mathbf{0.954 \pm 0.004}$	0.954 ± 0.004
$p_- = 0.4,\ p_+ = 0.4$	0.723 ± 0.161	0.684 ± 0.185	0.903 ± 0.021	$\mathbf{0.911 \pm 0.021}$	0.715 ± 0.092	0.458 ± 0.129	0.911 ± 0.021	0.911 ± 0.021
$p_- = 0.1,\ p_+ = 0.3$	0.818 ± 0.058	0.802 ± 0.069	0.938 ± 0.008	$\mathbf{0.954 \pm 0.003}$	0.924 ± 0.015	0.772 ± 0.096	0.949 ± 0.003	0.949 ± 0.003
$p_- = 0.3,\ p_+ = 0.1$	0.823 ± 0.054	0.802 ± 0.094	0.928 ± 0.012	$\mathbf{0.953 \pm 0.003}$	0.862 ± 0.035	0.691 ± 0.099	0.950 ± 0.006	0.950 ± 0.006
overall average	0.786 ± 0.096	0.762 ± 0.119	0.920 ± 0.016	$\mathbf{0.941 \pm 0.009}$	0.801 ± 0.056	0.626 ± 0.111	0.766 ± 0.038	0.766 ± 0.038

TABLE 4: AVERAGE F_1 SCORES (HIGHER IS BETTER) PER DATA SET.

	p_-	p_+	LI&MA TREE	LI&MA THRESH.	MENON PK/F1	MENON CK/F1	MENON CU/F1	MITHAL CU/G	DEFAULT F1
ABALONE	0.5	0.1	.351 ± .068	.344 ± .050	.374 ± .019	**.374 ± .015**	.227 ± .059	.243 ± .045	.171 ± .000
	0.5	0.25	.262 ± .079	.251 ± .061	.290 ± .061	**.291 ± .063**	.194 ± .025	.207 ± .043	.171 ± .000
	0.2	0.2	.360 ± .026	.370 ± .034	.397 ± .017	**.405 ± .014**	.320 ± .050	.360 ± .047	.195 ± .027
	0.4	0.4	.215 ± .033	.221 ± .050	**.250 ± .048**	.249 ± .050	.185 ± .016	.193 ± .022	.171 ± .000
	0.1	0.3	.367 ± .021	.367 ± .019	.391 ± .014	**.405 ± .011**	.357 ± .018	.380 ± .020	.369 ± .016
	0.3	0.1	.393 ± .020	.379 ± .022	.392 ± .015	**.402 ± .015**	.306 ± .060	.333 ± .069	.172 ± .001
	0.5	0.1	.013 ± .008	**.020 ± .013**	.016 ± .006	.014 ± .008	.015 ± .000	.015 ± .001	.015 ± .000
ABALONE-19	0.5	0.25	**.017 ± .012**	.017 ± .013	.015 ± .010	.013 ± .009	.015 ± .001	.015 ± .001	.015 ± .000
	0.2	0.2	.013 ± .007	.014 ± .007	**.016 ± .006**	.011 ± .008	.016 ± .001	.016 ± .002	.015 ± .000
	0.4	0.4	**.019 ± .005**	.015 ± .011	.013 ± .010	.011 ± .008	.015 ± .001	.015 ± .001	.015 ± .000
	0.1	0.3	**.020 ± .008**	.018 ± .012	.017 ± .010	.016 ± .009	.015 ± .001	.016 ± .001	.016 ± .001
	0.3	0.1	.015 ± .004	.012 ± .006	.014 ± .007	.011 ± .009	.015 ± .001	**.015 ± .001**	.015 ± .000
ARRHYTHMIA	0.5	0.1	.106 ± .019	.116 ± .042	**.128 ± .050**	.120 ± .052	.110 ± .005	.111 ± .015	.105 ± .000
	0.5	0.25	.106 ± .014	.107 ± .047	**.115 ± .055**	.107 ± .046	.107 ± .004	.110 ± .013	.105 ± .000
	0.2	0.2	.181 ± .089	.188 ± .070	**.218 ± .078**	.210 ± .079	.132 ± .020	.129 ± .024	.120 ± .015
	0.4	0.4	.097 ± .029	.099 ± .033	.105 ± .046	.107 ± .042	**.107 ± .006**	.105 ± .013	.105 ± .001
	0.1	0.3	.198 ± .077	.215 ± .076	**.274 ± .088**	.261 ± .072	.183 ± .062	.147 ± .039	.212 ± .068
	0.3	0.1	.121 ± .022	.159 ± .046	.177 ± .041	**.179 ± .062**	.116 ± .008	.120 ± .013	.108 ± .004
CAR-EVAL-34	0.5	0.1	**.535 ± .039**	.455 ± .099	.515 ± .075	.520 ± .069	.200 ± .045	.264 ± .073	.144 ± .000
	0.5	0.25	.298 ± .108	.249 ± .066	**.306 ± .092**	.301 ± .103	.163 ± .018	.182 ± .034	.144 ± .001
	0.2	0.2	.738 ± .012	.729 ± .051	.731 ± .054	**.742 ± .046**	.583 ± .105	.676 ± .100	.223 ± .065
	0.4	0.4	**.244 ± .093**	.216 ± .056	.233 ± .091	.229 ± .082	.159 ± .017	.168 ± .020	.144 ± .001
	0.1	0.3	.756 ± .041	.768 ± .035	**.772 ± .030**	.768 ± .033	.691 ± .080	.739 ± .122	.742 ± .031
	0.3	0.1	**.730 ± .046**	.702 ± .056	.706 ± .057	.709 ± .045	.470 ± .150	.511 ± .173	.148 ± .005
CAR-EVAL-4	0.5	0.1	**.278 ± .179**	.251 ± .144	.268 ± .127	.273 ± .126	.082 ± .010	.100 ± .036	.073 ± .000
	0.5	0.25	.140 ± .114	.127 ± .086	**.144 ± .088**	.134 ± .086	.079 ± .007	.086 ± .014	.073 ± .000
	0.2	0.2	.587 ± .114	.562 ± .126	.567 ± .103	**.608 ± .087**	.142 ± .071	.370 ± .230	.079 ± .005
	0.4	0.4	.107 ± .059	.107 ± .047	**.129 ± .071**	.126 ± .071	.079 ± .007	.084 ± .008	.073 ± .000
	0.1	0.3	.588 ± .114	.646 ± .107	.650 ± .071	**.681 ± .082**	.409 ± .157	.537 ± .233	.509 ± .132
	0.3	0.1	.529 ± .111	.495 ± .172	.545 ± .122	**.564 ± .114**	.102 ± .024	.172 ± .082	.074 ± .002
COIL-2000	0.5	0.1	.115 ± .002	.122 ± .010	**.143 ± .020**	.142 ± .021	.122 ± .009	.117 ± .006	.113 ± .000
	0.5	0.25	.111 ± .003	.117 ± .007	**.121 ± .016**	.118 ± .014	.115 ± .002	.114 ± .003	.113 ± .000
	0.2	0.2	.122 ± .008	.130 ± .012	.183 ± .013	**.200 ± .013**	.169 ± .017	.150 ± .017	.113 ± .001
	0.4	0.4	.106 ± .012	.114 ± .014	.111 ± .027	.107 ± .027	**.114 ± .002**	.113 ± .003	.113 ± .000
	0.1	0.3	.140 ± .016	.141 ± .018	.195 ± .015	**.215 ± .011**	.186 ± .017	.174 ± .024	.136 ± .012
	0.3	0.1	.118 ± .006	.130 ± .014	.174 ± .015	**.186 ± .016**	.157 ± .013	.137 ± .011	.113 ± .000
ECOLI	0.5	0.1	**.393 ± .157**	.378 ± .116	.392 ± .102	.379 ± .096	.198 ± .012	.241 ± .043	.190 ± .003
	0.5	0.25	**.309 ± .166**	.290 ± .118	.298 ± .139	.294 ± .141	.194 ± .009	.216 ± .028	.189 ± .003
	0.2	0.2	**.557 ± .072**	.492 ± .107	.517 ± .071	.534 ± .064	.343 ± .120	.298 ± .097	.267 ± .092
	0.4	0.4	**.297 ± .146**	.248 ± .093	.248 ± .107	.252 ± .123	.192 ± .006	.202 ± .020	.190 ± .002
	0.1	0.3	**.542 ± .096**	.506 ± .073	.524 ± .058	.521 ± .066	.471 ± .073	.343 ± .116	.496 ± .089
	0.3	0.1	**.536 ± .127**	.470 ± .091	.497 ± .090	.502 ± .080	.248 ± .063	.253 ± .045	.196 ± .018
ISOLET	0.5	0.1	.655 ± .039	.672 ± .025	**.674 ± .026**	.674 ± .026	.460 ± .077	.644 ± .065	.143 ± .000
	0.5	0.25	.425 ± .085	.408 ± .096	**.483 ± .067**	.475 ± .077	.221 ± .031	.251 ± .081	.143 ± .000
	0.2	0.2	.736 ± .020	.752 ± .018	.744 ± .018	**.755 ± .017**	.697 ± .029	.749 ± .016	.190 ± .046
	0.4	0.4	.235 ± .018	.286 ± .066	**.363 ± .048**	.357 ± .053	.191 ± .024	.200 ± .029	.143 ± .000
	0.1	0.3	.748 ± .019	.754 ± .021	.753 ± .021	**.759 ± .018**	.735 ± .023	.756 ± .019	.723 ± .028
	0.3	0.1	.735 ± .015	.748 ± .017	.744 ± .020	**.752 ± .016**	.660 ± .036	.750 ± .017	.143 ± .001
LETTER-IMG	0.5	0.1	.783 ± .017	.798 ± .025	**.802 ± .023**	.801 ± .023	.632 ± .117	.781 ± .104	.071 ± .000
	0.5	0.25	.655 ± .079	.703 ± .054	.702 ± .063	**.703 ± .063**	.233 ± .151	.463 ± .265	.071 ± .000
	0.2	0.2	.807 ± .009	.855 ± .013	.854 ± .012	**.855 ± .013**	.822 ± .038	.854 ± .012	.071 ± .000
	0.4	0.4	.517 ± .071	.579 ± .100	.599 ± .074	**.601 ± .070**	.181 ± .120	.226 ± .173	.071 ± .000
	0.1	0.3	.798 ± .010	.858 ± .014	**.859 ± .013**	.858 ± .013	.846 ± .023	.858 ± .014	.692 ± .062
	0.3	0.1	.812 ± .013	.847 ± .014	.849 ± .015	**.849 ± .015**	.816 ± .031	.848 ± .014	.071 ± .000
LIBRAS-MOVE	0.5	0.1	.219 ± .071	.204 ± .065	.225 ± .116	**.235 ± .120**	.128 ± .005	.151 ± .025	.126 ± .001
	0.5	0.25	**.170 ± .069**	.150 ± .051	.160 ± .086	.160 ± .078	.127 ± .003	.137 ± .012	.125 ± .001
	0.2	0.2	.408 ± .108	.388 ± .130	.438 ± .111	**.441 ± .105**	.204 ± .093	.187 ± .048	.174 ± .060
	0.4	0.4	.150 ± .047	.185 ± .085	.185 ± .091	**.190 ± .097**	.130 ± .006	.141 ± .011	.126 ± .002
	0.1	0.3	**.500 ± .145**	.409 ± .130	.455 ± .108	.452 ± .110	.382 ± .131	.254 ± .084	.402 ± .131
	0.3	0.1	.364 ± .146	.397 ± .142	**.422 ± .120**	.417 ± .115	.151 ± .029	.176 ± .039	.132 ± .010
MAMMOGRAPHY	0.5	0.1	**.549 ± .012**	.530 ± .051	.519 ± .057	.524 ± .064	.164 ± .097	.235 ± .184	.045 ± .000
	0.5	0.25	**.469 ± .029**	.413 ± .099	.427 ± .062	.437 ± .061	.078 ± .056	.105 ± .090	.045 ± .000
	0.2	0.2	.595 ± .025	.618 ± .020	.612 ± .026	**.621 ± .020**	.486 ± .079	.531 ± .182	.046 ± .000
	0.4	0.4	.385 ± .058	.346 ± .116	.370 ± .083	**.389 ± .064**	.062 ± .032	.071 ± .024	.045 ± .000
	0.1	0.3	.615 ± .023	.623 ± .024	.623 ± .020	**.625 ± .027**	.558 ± .055	.619 ± .032	.152 ± .106
	0.3	0.1	.581 ± .027	.610 ± .025	.597 ± .034	**.613 ± .023**	.411 ± .144	.470 ± .211	.046 ± .000
OIL	0.5	0.1	**.253 ± .104**	.196 ± .086	.219 ± .092	.213 ± .086	.087 ± .003	.101 ± .016	.084 ± .000
	0.5	0.25	**.150 ± .102**	.128 ± .052	.131 ± .048	.129 ± .049	.086 ± .003	.089 ± .004	.084 ± .000
	0.2	0.2	.318 ± .075	.289 ± .090	**.350 ± .086**	.348 ± .085	.116 ± .025	.119 ± .025	.090 ± .008
	0.4	0.4	**.119 ± .031**	.110 ± .034	.119 ± .041	.110 ± .038	.085 ± .002	.091 ± .005	.084 ± .000
	0.1	0.3	.388 ± .037	.319 ± .080	.380 ± .048	**.399 ± .047**	.219 ± .072	.172 ± .098	.191 ± .071
	0.3	0.1	.343 ± .121	.303 ± .125	.335 ± .103	**.350 ± .086**	.103 ± .030	.124 ± .035	.085 ± .001
OPTICAL-DIGITS	0.5	0.1	.812 ± .008	.810 ± .012	**.821 ± .017**	.818 ± .017	.682 ± .109	.812 ± .017	.180 ± .000
	0.5	0.25	.685 ± .062	.708 ± .039	**.720 ± .032**	.714 ± .033	.368 ± .114	.564 ± .190	.180 ± .000
	0.2	0.2	.836 ± .020	.851 ± .014	**.852 ± .014**	.851 ± .013	.840 ± .014	.849 ± .015	.484 ± .151
	0.4	0.4	.533 ± .119	.564 ± .093	**.614 ± .060**	.607 ± .059	.288 ± .080	.324 ± .070	.180 ± .000
	0.1	0.3	.818 ± .027	.855 ± .013	.856 ± .014	.855 ± .013	.849 ± .014	**.856 ± .013**	.842 ± .013
	0.3	0.1	.840 ± .014	.850 ± .015	**.853 ± .014**	.851 ± .016	.835 ± .020	.849 ± .017	.181 ± .002
OZONE-LEVEL	0.5	0.1	.089 ± .026	.088 ± .035	**.103 ± .042**	.101 ± .051	.058 ± .003	.062 ± .004	.056 ± .000
	0.5	0.25	.066 ± .038	.075 ± .036	**.079 ± .040**	.074 ± .041	.058 ± .003	.060 ± .006	.056 ± .000
	0.2	0.2	.143 ± .053	.113 ± .050	**.148 ± .061**	.145 ± .053	.073 ± .014	.068 ± .008	.057 ± .001
	0.4	0.4	.062 ± .028	.078 ± .032	**.083 ± .047**	.077 ± .046	.058 ± .003	.061 ± .008	.056 ± .000
	0.1	0.3	.176 ± .056	.137 ± .045	.186 ± .041	**.192 ± .053**	.111 ± .028	.087 ± .031	.091 ± .021
	0.3	0.1	.133 ± .045	.113 ± .048	.151 ± .050	**.153 ± .055**	.067 ± .009	.069 ± .016	.056 ± .000
PEN-DIGITS	0.5	0.1	**.933 ± .018**	.928 ± .016	.930 ± .017	.930 ± .017	.904 ± .039	.931 ± .016	.175 ± .000
	0.5	0.25	.864 ± .032	.868 ± .034	**.869 ± .036**	.867 ± .035	.705 ± .110	.791 ± .132	.175 ± .000
	0.2	0.2	**.959 ± .006**	.957 ± .006	.956 ± .006	.957 ± .006	.956 ± .007	.957 ± .006	.731 ± .117
	0.4	0.4	.785 ± .052	.804 ± .057	.804 ± .051	**.809 ± .050**	.619 ± .159	.722 ± .128	.175 ± .000
	0.1	0.3	**.963 ± .006**	.959 ± .005	.959 ± .005	.959 ± .004	.959 ± .005	.959 ± .005	.954 ± .007
	0.3	0.1	**.960 ± .007**	.954 ± .006	.954 ± .006	.955 ± .005	.951 ± .007	.954 ± .006	.176 ± .000
PROTEIN-HOMO	0.5	0.1	.784 ± .002	.784 ± .005	.679 ± .079	.769 ± .077	.423 ± .129	**.785 ± .004**	.018 ± .000
	0.5	0.25	.767 ± .011	.773 ± .009	.660 ± .157	.752 ± .084	.370 ± .129	**.774 ± .009**	.018 ± .000
	0.2	0.2	.792 ± .002	.795 ± .004	.658 ± .059	.795 ± .004	.573 ± .070	**.795 ± .004**	.018 ± .000
	0.4	0.4	**.756 ± .016**	.756 ± .019	.658 ± .164	.729 ± .108	.344 ± .175	.564 ± .309	.018 ± .000
	0.1	0.3	**.795 ± .003**	.795 ± .004	.622 ± .059	.795 ± .003	.598 ± .055	.794 ± .003	.018 ± .000
	0.3	0.1	.791 ± .002	.791 ± .005	.659 ± .051	**.794 ± .004**	.508 ± .080	.792 ± .004	.018 ± .000
SATIMAGE	0.5	0.1	.567 ± .011	.578 ± .018	.587 ± .013	**.587 ± .014**	.395 ± .099	.510 ± .084	.177 ± .000
	0.5	0.25	.489 ± .046	.503 ± .051	.528 ± .036	**.534 ± .027**	.232 ± .043	.370 ± .110	.177 ± .000
	0.2	0.2	.580 ± .011	.597 ± .012	.608 ± .013	**.610 ± .009**	.561 ± .022	.600 ± .013	.265 ± .056
	0.4	0.4	.433 ± .104	.417 ± .088	.467 ± .056	**.475 ± .053**	.218 ± .026	.258 ± .049	.177 ± .000
	0.1	0.3	.572 ± .013	.591 ± .019	.610 ± .011	**.615 ± .011**	.587 ± .016	.608 ± .014	.567 ± .019
	0.3	0.1	.592 ± .006	.600 ± .014	.606 ± .014	**.608 ± .010**	.548 ± .023	.598 ± .014	.178 ± .001
SCENE	0.5	0.1	.166 ± .013	.157 ± .019	**.173 ± .024**	.162 ± .022	.142 ± .004	.144 ± .006	.137 ± .000
	0.5	0.25	.141 ± .014	.143 ± .015	**.143 ± .031**	.140 ± .030	.140 ± .003	.140 ± .005	.137 ± .000
	0.2	0.2	.169 ± .016	.165 ± .016	.217 ± .026	**.223 ± .019**	.161 ± .017	.163 ± .016	.139 ± .002
	0.4	0.4	.116 ± .040	.129 ± .039	.126 ± .045	.125 ± .049	**.140 ± .003**	.138 ± .008	.137 ± .000
	0.1	0.3	.179 ± .014	.165 ± .020	.207 ± .025	**.226 ± .027**	.176 ± .022	.171 ± .023	.168 ± .019
	0.3	0.1	.194 ± .016	.178 ± .022	.218 ± .027	**.226 ± .028**	.158 ± .014	.159 ± .014	.138 ± .001
SICK-EUTHYROID	0.5	0.1	.756 ± .034	.804 ± .022	.803 ± .027	**.806 ± .021**	.488 ± .179	.721 ± .143	.170 ± .000
	0.5	0.25	.567 ± .182	.655 ± .112	.678 ± .080	**.679 ± .081**	.247 ± .086	.364 ± .142	.170 ± .000
	0.2	0.2	.830 ± .011	**.841 ± .011**	.839 ± .011	.840 ± .011	.825 ± .019	.840 ± .012	.287 ± .159
	0.4	0.4	.469 ± .179	.482 ± .199	**.529 ± .159**	.526 ± .158	.262 ± .125	.272 ± .127	.170 ± .001
	0.1	0.3	.830 ± .012	.843 ± .009	.844 ± .008	**.845 ± .009**	.836 ± .009	.844 ± .008	.833 ± .012
	0.3	0.1	.812 ± .027	.839 ± .013	.838 ± .013	**.841 ± .012**	.806 ± .033	.839 ± .013	.171 ± .003
SOLAR-FLARE-M0	0.5	0.1	**.170 ± .053**	.133 ± .044	.142 ± .038	.149 ± .044	.096 ± .006	.096 ± .009	.093 ± .001
	0.5	0.25	**.158 ± .064**	.122 ± .046	.131 ± .049	.128 ± .044	.093 ± .004	.095 ± .011	.093 ± .001
	0.2	0.2	.167 ± .051	.147 ± .056	.181 ± .064	**.186 ± .061**	.108 ± .016	.107 ± .022	.097 ± .005
	0.4	0.4	**.145 ± .073**	.124 ± .049	.135 ± .049	.132 ± .052	.093 ± .002	.094 ± .012	.093 ± .001
	0.1	0.3	.161 ± .039	.146 ± .044	.198 ± .046	**.199 ± .041**	.135 ± .038	.113 ± .018	.117 ± .018
	0.3	0.1	**.188 ± .043**	.143 ± .048	.181 ± .048	.179 ± .050	.109 ± .018	.105 ± .012	.094 ± .002
SPECTROMETER	0.5	0.1	**.545 ± .174**	.499 ± .176	.532 ± .146	.544 ± .134	.168 ± .012	.219 ± .061	.157 ± .002
	0.5	0.25	**.376 ± .176**	.356 ± .139	.365 ± .131	.364 ± .135	.165 ± .008	.182 ± .018	.157 ± .002
	0.2	0.2	.731 ± .049	.725 ± .105	.749 ± .083	**.753 ± .077**	.577 ± .165	.532 ± .169	.297 ± .118
	0.4	0.4	.308 ± .063	.305 ± .127	.322 ± .122	**.330 ± .128**	.164 ± .008	.181 ± .020	.158 ± .003
	0.1	0.3	.752 ± .093	.758 ± .085	.770 ± .081	**.773 ± .078**	.749 ± .082	.612 ± .231	.747 ± .072
	0.3	0.1	**.754 ± .049**	.733 ± .084	.743 ± .073	.745 ± .071	.373 ± .136	.453 ± .209	.166 ± .008
THYROID-SICK	0.5	0.1	.703 ± .052	.766 ± .028	.765 ± .030	**.772 ± .028**	.330 ± .123	.594 ± .207	.115 ± .000
	0.5	0.25	.535 ± .113	.584 ± .146	**.592 ± .145**	.587 ± .144	.172 ± .060	.273 ± .129	.115 ± .000
	0.2	0.2	.787 ± .013	**.818 ± .011**	.817 ± .009	.817 ± .010	.782 ± .029	.802 ± .081	.121 ± .011
	0.4	0.4	.354 ± .135	.409 ± .157	**.460 ± .136**	.456 ± .141	.182 ± .077	.180 ± .053	.115 ± .000
	0.1	0.3	.791 ± .022	**.817 ± .011**	.816 ± .010	.816 ± .010	.800 ± .019	.816 ± .013	.787 ± .022
	0.3	0.1	.780 ± .018	**.811 ± .013**	.807 ± .013	.809 ± .015	.736 ± .061	.809 ± .013	.116 ± .001
US-CRIME	0.5	0.1	**.445 ± .026**	.372 ± .088	.418 ± .067	.422 ± .054	.166 ± .026	.231 ± .080	.140 ± .000
	0.5	0.25	**.350 ± .042**	.258 ± .086	.280 ± .090	.279 ± .094	.147 ± .013	.163 ± .025	.140 ± .000
	0.2	0.2	**.512 ± .020**	.469 ± .048	.497 ± .027	.504 ± .026	.432 ± .051	.385 ± .103	.159 ± .027
	0.4	0.4	**.309 ± .079**	.222 ± .080	.246 ± .077	.241 ± .086	.150 ± .015	.159 ± .019	.140 ± .000
	0.1	0.3	**.508 ± .019**	.462 ± .036	.506 ± .021	.508 ± .022	.475 ± .034	.443 ± .082	.435 ± .035
	0.3	0.1	**.497 ± .033**	.473 ± .040	.489 ± .038	.495 ± .032	.387 ± .063	.402 ± .099	.141 ± .001
WEBPAGE	0.5	0.1	.541 ± .075	.602 ± .029	.574 ± .044	**.620 ± .018**	.520 ± .053	.591 ± .083	.055 ± .000
	0.5	0.25	.431 ± .173	.496 ± .058	.492 ± .059	**.525 ± .034**	.374 ± .093	.271 ± .154	.055 ± .000
	0.2	0.2	.568 ± .040	.659 ± .016	.623 ± .018	**.664 ± .013**	.650 ± .016	.654 ± .019	.055 ± .000
	0.4	0.4	**.474 ± .087**	.437 ± .078	.427 ± .057	.458 ± .049	.335 ± .120	.157 ± .109	.055 ± .000
	0.1	0.3	.525 ± .066	.665 ± .022	.623 ± .024	**.666 ± .020**	.660 ± .020	.660 ± .022	.275 ± .132
	0.3	0.1	.574 ± .052	.648 ± .023	.620 ± .026	**.658 ± .017**	.640 ± .019	.651 ± .020	.055 ± .000
WINE-QUALITY	0.5	0.1	.149 ± .046	.141 ± .054	.178 ± .040	**.185 ± .046**	.077 ± .006	.087 ± .015	.072 ± .000
	0.5	0.25	**.120 ± .039**	.098 ± .025	.120 ± .042	.111 ± .038	.075 ± .003	.077 ± .005	.072 ± .000
	0.2	0.2	.173 ± .055	.234 ± .076	.281 ± .043	**.294 ± .023**	.196 ± .066	.128 ± .054	.072 ± .001
	0.4	0.4	**.122 ± .036**	.096 ± .030	.110 ± .042	.105 ± .044	.075 ± .003	.076 ± .005	.072 ± .000
	0.1	0.3	.266 ± .030	.276 ± .054	.304 ± .021	**.318 ± .021**	.273 ± .047	.214 ± .078	.114 ± .044
	0.3	0.1	.222 ± .038	.238 ± .077	.272 ± .045	**.289 ± .024**	.135 ± .045	.112 ± .046	.072 ± .000
YEAST-ME2	0.5	0.1	.136 ± .047	.134 ± .068	.157 ± .060	**.170 ± .061**	.068 ± .002	.079 ± .015	.067 ± .000
	0.5	0.25	.103 ± .057	.098 ± .031	**.116 ± .042**	.110 ± .045	.068 ± .002	.075 ± .014	.067 ± .000
	0.2	0.2	.203 ± .072	.195 ± .080	.259 ± .060	**.261 ± .063**	.101 ± .033	.112 ± .041	.069 ± .003
	0.4	0.4	.094 ± .015	.085 ± .027	.119 ± .041	**.121 ± .051**	.069 ± .002	.072 ± .003	.067 ± .000
	0.1	0.3	.270 ± .088	.227 ± .078	.293 ± .050	**.302 ± .055**	.167 ± .065	.126 ± .058	.138 ± .053
	0.3	0.1	**.250 ± .052**	.191 ± .089	.246 ± .053	.242 ± .063	.081 ± .017	.086 ± .019	.067 ± .001
YEAST-ML8	0.5	0.1	**.142 ± .010**	.140 ± .008	.136 ± .012	.132 ± .016	.140 ± .004	.137 ± .005	.137 ± .000
	0.5	0.25	.132 ± .021	.134 ± .010	.119 ± .022	.118 ± .025	**.140 ± .003**	.138 ± .006	.137 ± .000
	0.2	0.2	.143 ± .004	.140 ± .003	**.145 ± .007**	.143 ± .007	.141 ± .004	.140 ± .005	.138 ± .001
	0.4	0.4	.137 ± .021	.132 ± .020	.117 ± .030	.112 ± .033	**.139 ± .004**	.135 ± .005	.137 ± .000
	0.1	0.3	.142 ± .004	.140 ± .003	**.143 ± .005**	.142 ± .006	.142 ± .005	.138 ± .004	.140 ± .003
	0.3	0.1	**.145 ± .007**	.142 ± .006	.141 ± .010	.138 ± .010	.141 ± .005	.139 ± .006	.138 ± .001

Table 5: Average f_α scores (higher is better) per data set.

Data set	p_-	p_+	Li&Ma tree	Li&Ma thresh.	Menon PK/F1	Menon CK/F1	Menon CU/F1	Mithal CU/G	default F1
abalone	0.5	0.1	5.85 ± 1.92	6.17 ± 1.28	**6.57 ± 1.12**	6.44 ± 1.08	5.51 ± 1.13	5.37 ± 1.26	4.65 ± 0.97
	0.5	0.25	3.20 ± 1.55	3.17 ± 1.07	3.15 ± 1.41	**3.42 ± 1.25**	3.05 ± 1.08	3.00 ± 1.03	2.85 ± 0.95
	0.2	0.2	11.66 ± 0.85	11.90 ± 1.38	**12.02 ± 1.16**	11.81 ± 0.85	11.44 ± 1.48	11.36 ± 1.51	9.69 ± 1.13
	0.4	0.4	1.91 ± 0.23	2.45 ± 1.02	2.52 ± 1.20	2.56 ± 1.15	2.50 ± 0.96	2.31 ± 0.97	**2.60 ± 1.19**
	0.1	0.3	14.95 ± 0.89	14.98 ± 1.33	14.60 ± 1.07	14.20 ± 1.21	14.96 ± 1.22	14.44 ± 1.30	**15.04 ± 1.21**
	0.3	0.1	10.41 ± 0.80	10.71 ± 1.27	**10.90 ± 1.09**	10.77 ± 1.02	10.14 ± 1.36	10.19 ± 1.68	8.01 ± 1.16
abalone-19	0.5	0.1	0.18 ± 0.22	0.36 ± 0.60	0.26 ± 0.38	0.34 ± 0.51	0.52 ± 0.59	**0.69 ± 0.70**	0.52 ± 0.60
	0.5	0.25	0.44 ± 0.73	0.30 ± 0.48	0.33 ± 0.48	0.35 ± 0.41	0.44 ± 0.54	0.44 ± 0.56	**0.45 ± 0.56**
	0.2	0.2	0.39 ± 0.58	1.22 ± 1.05	1.08 ± 0.86	1.17 ± 0.80	1.40 ± 0.96	**1.50 ± 1.04**	1.36 ± 1.17
	0.4	0.4	0.34 ± 0.77	0.61 ± 0.74	**0.82 ± 0.95**	0.77 ± 0.75	0.68 ± 0.89	0.57 ± 0.72	0.68 ± 0.89
	0.1	0.3	1.18 ± 0.63	1.40 ± 0.81	1.09 ± 0.77	1.24 ± 0.83	1.40 ± 0.92	**1.44 ± 0.77**	1.35 ± 0.88
	0.3	0.1	0.14 ± 0.31	0.79 ± 1.08	0.65 ± 0.91	0.84 ± 0.83	1.06 ± 1.01	0.91 ± 0.96	**1.08 ± 1.08**
arrhythmia	0.5	0.1	0.58 ± 0.80	**0.96 ± 1.05**	0.78 ± 1.10	0.75 ± 1.02	0.89 ± 1.03	0.85 ± 0.85	0.90 ± 0.99
	0.5	0.25	0.39 ± 0.42	0.49 ± 0.89	0.67 ± 0.99	0.68 ± 0.99	**0.72 ± 0.94**	0.70 ± 0.83	0.71 ± 0.90
	0.2	0.2	1.64 ± 1.28	2.49 ± 1.21	**2.72 ± 1.37**	2.42 ± 1.42	2.31 ± 1.30	2.06 ± 1.33	2.14 ± 1.25
	0.4	0.4	0.27 ± 0.45	0.69 ± 0.94	0.42 ± 0.82	0.47 ± 0.91	0.77 ± 0.93	0.62 ± 0.78	**0.77 ± 0.97**
	0.1	0.3	3.04 ± 1.13	2.85 ± 0.88	**3.12 ± 1.10**	2.66 ± 1.08	2.97 ± 0.87	2.44 ± 1.08	2.99 ± 0.97
	0.3	0.1	1.59 ± 1.16	1.56 ± 1.38	1.60 ± 1.28	1.55 ± 1.17	1.71 ± 1.11	1.49 ± 1.26	**1.73 ± 1.13**
car-eval-34	0.5	0.1	**4.61 ± 0.57**	4.24 ± 1.22	4.60 ± 1.05	4.55 ± 1.14	2.88 ± 1.03	3.07 ± 1.34	2.34 ± 0.88
	0.5	0.25	1.32 ± 0.76	1.71 ± 0.95	1.98 ± 0.82	**2.05 ± 0.99**	1.55 ± 1.02	1.53 ± 0.93	1.43 ± 0.87
	0.2	0.2	**11.43 ± 0.88**	11.27 ± 1.17	11.37 ± 1.17	11.33 ± 1.20	10.19 ± 1.40	10.57 ± 1.53	6.06 ± 1.32
	0.4	0.4	1.36 ± 0.80	1.64 ± 1.12	1.58 ± 1.15	**1.66 ± 1.25**	1.57 ± 1.28	1.39 ± 1.23	1.53 ± 1.14
	0.1	0.3	**13.95 ± 1.59**	13.45 ± 1.49	13.41 ± 1.38	13.17 ± 1.65	13.11 ± 1.78	13.05 ± 1.99	13.46 ± 1.50
	0.3	0.1	**10.26 ± 0.94**	9.86 ± 1.03	9.85 ± 1.04	9.97 ± 0.79	7.74 ± 1.49	7.59 ± 2.12	4.26 ± 1.24
car-eval-4	0.5	0.1	**2.00 ± 1.85**	1.85 ± 1.43	1.96 ± 1.22	1.90 ± 1.28	1.31 ± 0.95	1.07 ± 0.96	1.12 ± 0.86
	0.5	0.25	1.00 ± 1.44	0.92 ± 1.05	**1.16 ± 1.17**	0.98 ± 1.22	0.83 ± 0.84	0.66 ± 0.74	0.75 ± 0.79
	0.2	0.2	**6.72 ± 1.99**	6.35 ± 1.38	6.42 ± 1.42	6.63 ± 1.27	3.38 ± 1.83	4.93 ± 2.22	2.61 ± 1.29
	0.4	0.4	0.48 ± 0.85	0.99 ± 1.08	**1.03 ± 1.09**	0.88 ± 0.98	1.01 ± 1.01	0.96 ± 1.03	0.94 ± 0.97
	0.1	0.3	7.93 ± 2.00	8.34 ± 1.60	8.44 ± 1.45	**8.49 ± 1.62**	6.95 ± 1.90	7.39 ± 2.45	7.77 ± 1.64
	0.3	0.1	5.54 ± 1.44	5.44 ± 1.53	5.79 ± 1.47	**5.84 ± 1.48**	2.55 ± 1.13	2.89 ± 1.04	2.20 ± 1.21
coil-2000	0.5	0.1	**4.78 ± 1.20**	4.02 ± 1.17	3.56 ± 1.22	3.36 ± 1.27	4.39 ± 1.08	3.96 ± 1.10	4.53 ± 1.01
	0.5	0.25	2.23 ± 1.85	2.25 ± 1.21	1.96 ± 1.14	1.61 ± 1.06	2.67 ± 0.92	2.24 ± 1.10	**2.79 ± 0.96**
	0.2	0.2	8.81 ± 1.26	8.69 ± 1.23	8.18 ± 1.26	7.68 ± 0.94	8.59 ± 1.25	7.91 ± 1.25	**9.11 ± 1.07**
	0.4	0.4	2.11 ± 1.08	1.96 ± 1.30	1.66 ± 1.07	1.46 ± 1.16	2.22 ± 1.12	1.67 ± 0.99	**2.37 ± 1.07**
	0.1	0.3	11.33 ± 1.55	11.45 ± 1.26	11.30 ± 1.09	10.03 ± 1.08	11.39 ± 1.18	10.93 ± 1.35	**11.63 ± 1.10**
	0.3	0.1	7.45 ± 0.48	7.56 ± 1.11	7.18 ± 1.02	6.35 ± 1.05	7.45 ± 1.10	6.72 ± 1.20	**7.70 ± 0.94**
ecoli	0.5	0.1	1.93 ± 1.45	1.97 ± 1.20	**1.99 ± 1.24**	1.90 ± 1.25	1.70 ± 1.08	1.70 ± 0.95	1.59 ± 1.08
	0.5	0.25	1.12 ± 1.31	1.35 ± 1.29	1.43 ± 1.41	**1.44 ± 1.34**	1.17 ± 1.06	1.18 ± 1.18	1.10 ± 1.04
	0.2	0.2	**4.51 ± 0.90**	4.17 ± 1.66	4.25 ± 1.48	4.31 ± 1.44	3.66 ± 1.38	3.38 ± 1.20	3.31 ± 1.31
	0.4	0.4	**1.65 ± 1.59**	1.14 ± 0.93	1.32 ± 1.01	1.30 ± 1.04	1.14 ± 1.09	1.21 ± 1.06	1.09 ± 1.00
	0.1	0.3	**5.73 ± 1.35**	5.34 ± 1.20	5.42 ± 1.14	5.29 ± 1.24	5.30 ± 1.14	4.26 ± 1.32	5.30 ± 1.14
	0.3	0.1	**4.33 ± 1.68**	3.75 ± 1.23	3.91 ± 1.16	3.84 ± 1.23	2.53 ± 1.31	2.72 ± 1.07	2.66 ± 1.20
isolet	0.5	0.1	**13.41 ± 1.42**	13.29 ± 0.80	13.40 ± 0.89	13.38 ± 0.75	10.56 ± 1.32	12.93 ± 1.56	5.21 ± 0.86
	0.5	0.25	5.09 ± 0.92	5.66 ± 1.55	**6.62 ± 1.22**	6.15 ± 1.28	4.00 ± 1.07	4.20 ± 1.00	3.20 ± 0.80
	0.2	0.2	23.95 ± 1.40	24.12 ± 1.10	24.10 ± 1.09	**24.17 ± 1.10**	23.36 ± 1.18	23.98 ± 1.03	11.83 ± 1.45
	0.4	0.4	3.02 ± 0.97	3.67 ± 1.36	**4.16 ± 1.09**	3.98 ± 1.12	3.10 ± 1.15	3.00 ± 1.35	2.67 ± 1.09
	0.1	0.3	28.08 ± 0.99	**28.23 ± 1.03**	28.15 ± 1.05	28.02 ± 1.07	27.98 ± 1.11	28.00 ± 0.96	27.80 ± 1.16
	0.3	0.1	22.32 ± 0.57	22.54 ± 1.12	22.54 ± 1.03	**22.81 ± 1.03**	20.89 ± 1.16	22.71 ± 1.04	8.84 ± 0.95
letter-img	0.5	0.1	18.02 ± 0.70	**18.43 ± 0.79**	18.26 ± 0.76	18.36 ± 0.73	14.15 ± 2.01	18.01 ± 1.92	3.79 ± 0.96
	0.5	0.25	8.57 ± 1.63	**9.77 ± 1.44**	9.60 ± 1.65	9.64 ± 1.67	4.31 ± 1.85	6.81 ± 3.05	2.26 ± 0.92
	0.2	0.2	28.32 ± 1.28	30.06 ± 0.90	30.02 ± 0.94	**30.12 ± 0.89**	28.89 ± 1.49	30.05 ± 0.90	7.73 ± 0.91
	0.4	0.4	5.16 ± 1.31	6.35 ± 1.69	6.39 ± 1.48	**6.54 ± 1.43**	3.06 ± 1.48	3.32 ± 2.00	1.98 ± 0.82
	0.1	0.3	31.79 ± 1.56	33.94 ± 0.99	**33.97 ± 1.02**	33.95 ± 0.97	33.68 ± 1.15	33.89 ± 0.91	30.18 ± 1.61
	0.3	0.1	27.64 ± 0.70	28.91 ± 0.79	28.85 ± 0.89	28.94 ± 0.84	27.12 ± 1.40	**28.95 ± 0.84**	6.57 ± 0.89
libras-move	0.5	0.1	1.15 ± 0.71	1.13 ± 1.02	1.39 ± 0.99	**1.52 ± 1.01**	1.09 ± 0.99	1.10 ± 1.10	1.10 ± 0.97
	0.5	0.25	1.06 ± 0.65	0.93 ± 0.99	0.96 ± 1.01	**1.15 ± 1.04**	0.85 ± 0.92	0.80 ± 0.85	0.86 ± 0.92
	0.2	0.2	2.99 ± 1.40	2.92 ± 1.06	**3.16 ± 1.00**	3.14 ± 1.13	2.46 ± 1.19	2.24 ± 1.04	2.23 ± 1.00
	0.4	0.4	0.90 ± 0.96	1.20 ± 1.04	**1.32 ± 0.94**	1.25 ± 0.87	0.95 ± 0.95	0.82 ± 0.87	0.87 ± 0.85
	0.1	0.3	**4.34 ± 1.82**	4.00 ± 1.49	4.03 ± 1.41	3.98 ± 1.49	4.05 ± 1.27	3.09 ± 1.20	4.11 ± 1.28
	0.3	0.1	2.27 ± 0.91	2.95 ± 0.84	**3.01 ± 1.24**	2.84 ± 1.28	1.97 ± 0.81	2.10 ± 1.05	1.78 ± 1.02
mammography	0.5	0.1	**8.17 ± 0.95**	7.38 ± 1.21	7.35 ± 1.18	7.39 ± 1.23	3.42 ± 1.72	3.68 ± 2.59	1.77 ± 0.91
	0.5	0.25	**4.55 ± 1.05**	4.18 ± 1.81	4.21 ± 1.46	4.10 ± 1.43	1.74 ± 1.24	1.92 ± 1.39	1.13 ± 0.75
	0.2	0.2	13.07 ± 0.84	13.45 ± 0.82	13.26 ± 0.94	**13.49 ± 0.89**	11.64 ± 1.58	11.81 ± 3.61	4.05 ± 1.15
	0.4	0.4	**3.66 ± 1.36**	3.14 ± 1.82	3.22 ± 1.60	3.31 ± 1.72	1.29 ± 0.92	1.27 ± 1.17	1.06 ± 0.89
	0.1	0.3	**15.89 ± 0.82**	15.52 ± 1.18	15.74 ± 1.15	15.62 ± 1.25	15.14 ± 1.59	15.38 ± 1.16	8.34 ± 3.22
	0.3	0.1	11.71 ± 0.36	12.51 ± 0.81	12.11 ± 0.91	**12.53 ± 0.82**	9.78 ± 2.27	10.19 ± 3.74	3.25 ± 0.97
oil	0.5	0.1	0.99 ± 1.43	1.19 ± 1.05	**1.39 ± 1.08**	1.33 ± 1.18	0.93 ± 0.71	0.94 ± 0.77	0.92 ± 0.63
	0.5	0.25	**0.92 ± 1.31**	0.87 ± 0.90	0.78 ± 0.99	0.75 ± 1.05	0.64 ± 0.62	0.65 ± 0.52	0.63 ± 0.58
	0.2	0.2	3.60 ± 0.50	3.15 ± 1.05	3.61 ± 1.05	**3.66 ± 1.02**	2.28 ± 0.97	2.01 ± 0.90	2.27 ± 1.07
	0.4	0.4	0.46 ± 0.63	0.57 ± 0.75	0.66 ± 0.70	0.63 ± 0.73	0.73 ± 0.75	0.66 ± 0.79	**0.74 ± 0.74**
	0.1	0.3	**4.72 ± 0.76**	3.96 ± 1.26	4.38 ± 1.26	4.55 ± 1.24	3.53 ± 1.47	3.18 ± 1.12	3.48 ± 1.28
	0.3	0.1	2.78 ± 1.54	2.77 ± 1.27	**3.02 ± 1.34**	2.94 ± 1.16	1.83 ± 1.10	1.97 ± 1.07	1.81 ± 0.98
optical-digits	0.5	0.1	16.33 ± 0.61	16.34 ± 0.78	16.35 ± 0.87	**16.43 ± 0.86**	13.52 ± 2.02	16.31 ± 0.92	5.62 ± 0.98
	0.5	0.25	7.87 ± 1.05	8.77 ± 1.12	**8.95 ± 0.93**	8.91 ± 1.05	5.62 ± 1.52	7.13 ± 2.32	3.43 ± 0.98
	0.2	0.2	25.37 ± 1.01	26.12 ± 0.92	**26.19 ± 0.94**	26.16 ± 0.94	25.89 ± 0.82	26.11 ± 0.90	18.48 ± 3.16
	0.4	0.4	4.60 ± 0.93	5.34 ± 1.40	**6.09 ± 1.42**	6.02 ± 1.38	3.75 ± 1.43	3.77 ± 1.43	2.92 ± 1.16
	0.1	0.3	28.63 ± 0.53	29.69 ± 0.84	**29.72 ± 0.87**	29.68 ± 0.88	29.67 ± 0.90	29.59 ± 0.90	29.60 ± 0.87
	0.3	0.1	24.26 ± 0.56	**25.04 ± 0.65**	25.01 ± 0.60	25.00 ± 0.66	24.43 ± 0.76	25.01 ± 0.67	9.65 ± 1.01
ozone-level	0.5	0.1	0.84 ± 0.85	0.84 ± 0.95	0.99 ± 0.85	0.91 ± 1.03	**1.05 ± 0.86**	0.97 ± 0.86	1.03 ± 0.85
	0.5	0.25	**0.83 ± 0.84**	0.70 ± 0.79	0.56 ± 0.72	0.64 ± 0.91	0.73 ± 0.75	0.83 ± 0.78	0.70 ± 0.78
	0.2	0.2	2.15 ± 1.09	**2.71 ± 1.18**	2.60 ± 1.15	2.35 ± 1.28	2.51 ± 1.12	2.30 ± 1.27	2.55 ± 1.20
	0.4	0.4	0.65 ± 0.69	0.81 ± 0.75	0.83 ± 1.05	0.83 ± 1.12	**0.99 ± 0.98**	0.89 ± 0.83	0.91 ± 0.96
	0.1	0.3	**4.38 ± 1.84**	3.94 ± 1.48	4.05 ± 1.62	3.47 ± 1.61	4.11 ± 1.11	3.39 ± 1.13	4.04 ± 1.17
	0.3	0.1	2.33 ± 1.78	2.44 ± 1.18	**2.66 ± 1.22**	2.18 ± 1.21	1.90 ± 1.17	1.73 ± 1.19	1.95 ± 1.27
pen-digits	0.5	0.1	25.50 ± 0.85	25.65 ± 0.92	25.60 ± 0.99	25.61 ± 0.91	24.72 ± 1.25	**25.71 ± 0.89**	7.83 ± 1.07
	0.5	0.25	14.00 ± 0.80	**14.55 ± 1.19**	14.53 ± 1.24	14.55 ± 1.15	12.12 ± 1.84	13.28 ± 2.62	4.84 ± 1.02
	0.2	0.2	40.13 ± 0.78	**40.17 ± 0.82**	40.15 ± 0.81	40.15 ± 0.83	40.05 ± 0.85	40.15 ± 0.76	32.72 ± 3.91
	0.4	0.4	10.07 ± 0.98	10.78 ± 1.03	10.84 ± 0.94	**10.91 ± 0.97**	8.76 ± 1.93	9.80 ± 1.95	3.99 ± 0.98
	0.1	0.3	44.69 ± 0.63	**45.05 ± 1.10**	45.01 ± 1.09	45.01 ± 1.12	45.03 ± 1.13	44.99 ± 1.15	44.92 ± 1.03
	0.3	0.1	38.81 ± 0.61	38.81 ± 0.76	38.82 ± 0.83	**38.84 ± 0.83**	38.59 ± 0.88	38.82 ± 0.80	12.95 ± 0.91
protein-homo	0.5	0.1	23.98 ± 0.68	**24.52 ± 0.94**	20.47 ± 1.92	24.06 ± 1.86	14.11 ± 3.22	24.48 ± 0.91	2.64 ± 1.07
	0.5	0.25	13.97 ± 0.83	**14.74 ± 1.26**	12.59 ± 2.67	14.43 ± 1.77	8.11 ± 2.28	14.72 ± 1.24	1.70 ± 0.94
	0.2	0.2	37.10 ± 1.23	37.68 ± 0.99	31.86 ± 2.15	37.69 ± 0.93	28.98 ± 2.18	**37.71 ± 0.99**	4.99 ± 1.06
	0.4	0.4	10.54 ± 0.72	**11.50 ± 0.99**	9.99 ± 2.11	11.27 ± 1.21	6.12 ± 2.11	8.84 ± 4.54	1.44 ± 0.74
	0.1	0.3	41.38 ± 1.03	42.16 ± 1.28	35.88 ± 1.92	**42.20 ± 1.21**	35.23 ± 1.86	42.15 ± 1.22	6.62 ± 0.70
	0.3	0.1	35.84 ± 0.65	**36.31 ± 0.89**	29.88 ± 1.81	36.30 ± 0.86	24.79 ± 2.54	36.28 ± 0.87	4.52 ± 1.01
satimage	0.5	0.1	10.97 ± 1.34	11.61 ± 0.82	**11.70 ± 0.83**	11.65 ± 0.88	9.31 ± 1.72	10.44 ± 1.82	5.98 ± 0.89
	0.5	0.25	5.69 ± 0.95	6.51 ± 1.42	6.74 ± 1.28	**6.80 ± 1.17**	4.17 ± 0.89	5.20 ± 1.49	3.67 ± 0.88
	0.2	0.2	20.09 ± 1.01	19.93 ± 0.74	**20.17 ± 0.63**	20.11 ± 0.56	19.88 ± 0.63	19.94 ± 0.77	14.10 ± 1.93
	0.4	0.4	**5.22 ± 1.55**	4.40 ± 1.26	4.83 ± 1.25	4.75 ± 1.08	3.37 ± 0.96	3.58 ± 0.91	3.08 ± 1.11
	0.1	0.3	23.91 ± 1.02	23.81 ± 0.96	23.88 ± 0.95	23.80 ± 0.97	**23.94 ± 0.86**	23.63 ± 0.91	23.83 ± 0.92
	0.3	0.1	18.28 ± 1.24	18.37 ± 0.81	**18.71 ± 0.88**	18.61 ± 0.80	17.98 ± 0.84	18.44 ± 0.95	10.10 ± 0.93
scene	0.5	0.1	2.33 ± 1.09	2.57 ± 1.01	2.13 ± 1.04	1.91 ± 0.98	**2.70 ± 0.83**	2.47 ± 1.05	2.61 ± 0.80
	0.5	0.25	0.93 ± 0.87	1.45 ± 0.94	1.38 ± 1.06	1.26 ± 0.86	**1.57 ± 0.81**	1.48 ± 0.88	1.57 ± 0.82
	0.2	0.2	5.18 ± 1.14	5.44 ± 1.06	5.49 ± 1.38	4.82 ± 1.22	**5.58 ± 1.02**	4.80 ± 0.95	5.56 ± 1.07
	0.4	0.4	1.20 ± 1.32	1.45 ± 1.21	1.18 ± 0.97	1.31 ± 0.94	**1.70 ± 1.08**	1.41 ± 0.90	1.69 ± 1.13
	0.1	0.3	7.20 ± 1.21	7.22 ± 1.25	6.85 ± 1.20	6.24 ± 1.15	7.27 ± 1.21	6.38 ± 1.38	**7.37 ± 1.13**
	0.3	0.1	4.32 ± 0.85	4.73 ± 1.22	4.71 ± 1.25	4.49 ± 1.36	**4.91 ± 1.31**	4.52 ± 1.31	4.71 ± 1.19
sick-euthyroid	0.5	0.1	10.85 ± 1.01	11.25 ± 0.85	11.25 ± 0.91	**11.32 ± 1.03**	7.22 ± 2.59	10.09 ± 2.17	3.81 ± 0.82
	0.5	0.25	5.14 ± 2.07	5.56 ± 1.89	**5.72 ± 1.58**	5.67 ± 1.69	2.75 ± 1.12	3.62 ± 1.64	2.24 ± 0.81
	0.2	0.2	18.38 ± 1.41	**18.66 ± 1.10**	18.65 ± 1.03	18.59 ± 1.10	18.41 ± 1.04	18.61 ± 1.12	9.93 ± 2.81
	0.4	0.4	3.91 ± 1.47	3.78 ± 1.70	3.81 ± 1.63	**3.97 ± 1.76**	2.74 ± 1.57	2.58 ± 1.56	2.19 ± 1.09
	0.1	0.3	21.41 ± 0.67	21.42 ± 1.02	21.43 ± 1.01	**21.43 ± 1.07**	21.32 ± 1.14	21.42 ± 1.05	21.32 ± 1.07
	0.3	0.1	17.13 ± 0.73	17.72 ± 0.86	17.71 ± 0.78	**17.81 ± 0.78**	17.10 ± 0.96	17.77 ± 0.79	6.83 ± 1.20
solar-flare-m0	0.5	0.1	**2.03 ± 1.49**	1.65 ± 1.04	1.43 ± 1.35	1.57 ± 1.39	1.42 ± 0.77	1.32 ± 0.82	1.38 ± 0.77
	0.5	0.25	1.08 ± 0.58	**1.24 ± 1.23**	1.12 ± 0.81	1.08 ± 0.93	0.91 ± 0.76	0.75 ± 0.76	0.89 ± 0.74
	0.2	0.2	**3.59 ± 1.47**	2.91 ± 1.02	3.14 ± 1.05	2.92 ± 1.22	3.14 ± 1.15	2.76 ± 1.22	3.19 ± 1.24
	0.4	0.4	**1.71 ± 1.37**	1.18 ± 0.96	0.92 ± 0.78	0.94 ± 0.75	0.96 ± 0.72	1.13 ± 1.02	1.08 ± 0.88
	0.1	0.3	3.58 ± 1.52	3.79 ± 1.08	3.43 ± 1.21	3.34 ± 1.21	**4.00 ± 1.00**	3.67 ± 1.09	3.94 ± 1.07
	0.3	0.1	2.57 ± 1.35	2.42 ± 1.42	2.67 ± 1.37	2.64 ± 1.37	**2.68 ± 1.01**	2.31 ± 1.24	2.51 ± 1.06
spectrometer	0.5	0.1	2.22 ± 1.98	2.73 ± 1.68	**3.09 ± 1.57**	3.03 ± 1.37	1.56 ± 1.01	1.67 ± 0.90	1.48 ± 1.04
	0.5	0.25	0.72 ± 1.04	1.40 ± 0.93	**1.56 ± 1.05**	1.51 ± 1.04	1.02 ± 1.01	1.00 ± 0.75	0.98 ± 0.97
	0.2	0.2	6.48 ± 1.45	6.71 ± 1.34	6.97 ± 1.29	**6.98 ± 1.36**	6.02 ± 1.56	5.28 ± 1.96	4.19 ± 1.32
	0.4	0.4	0.97 ± 0.79	1.07 ± 1.01	1.19 ± 1.16	**1.22 ± 1.10**	1.00 ± 0.92	1.01 ± 0.78	1.02 ± 0.99
	0.1	0.3	7.42 ± 1.47	7.87 ± 1.48	7.95 ± 1.49	**7.98 ± 1.41**	7.87 ± 1.58	6.76 ± 2.20	7.87 ± 1.46
	0.3	0.1	6.17 ± 0.88	6.20 ± 1.14	6.22 ± 1.11	**6.26 ± 1.07**	3.93 ± 1.12	4.36 ± 1.57	2.59 ± 1.15
thyroid-sick	0.5	0.1	9.10 ± 1.51	10.18 ± 0.96	10.00 ± 0.85	**10.24 ± 0.88**	5.46 ± 1.70	8.05 ± 2.63	2.77 ± 1.02
	0.5	0.25	4.06 ± 2.40	**5.03 ± 1.68**	5.02 ± 1.88	4.88 ± 1.88	2.41 ± 1.11	3.06 ± 1.57	1.69 ± 1.01
	0.2	0.2	16.12 ± 0.97	**16.59 ± 0.90**	16.56 ± 0.90	16.58 ± 0.95	15.94 ± 0.74	16.31 ± 1.66	6.23 ± 1.27
	0.4	0.4	2.41 ± 1.07	3.29 ± 1.62	**3.50 ± 1.52**	3.45 ± 1.46	2.34 ± 1.36	2.01 ± 1.09	1.72 ± 1.22
	0.1	0.3	18.67 ± 1.12	18.86 ± 1.12	18.83 ± 1.15	**18.87 ± 1.15**	18.71 ± 1.12	18.84 ± 1.18	18.56 ± 1.09
	0.3	0.1	14.74 ± 0.67	**15.57 ± 0.66**	15.36 ± 0.83	15.45 ± 0.68	14.29 ± 1.26	15.52 ± 0.71	5.10 ± 1.30
us-crime	0.5	0.1	**4.61 ± 0.86**	3.66 ± 1.35	3.80 ± 1.39	3.94 ± 1.22	2.51 ± 0.76	2.67 ± 0.88	2.38 ± 0.77
	0.5	0.25	**2.92 ± 1.15**	1.60 ± 1.42	1.62 ± 1.43	1.55 ± 1.36	1.42 ± 0.84	1.22 ± 0.80	1.43 ± 0.79
	0.2	0.2	**9.16 ± 1.25**	8.28 ± 1.43	8.42 ± 1.49	8.43 ± 1.39	8.15 ± 1.37	6.91 ± 1.98	5.44 ± 1.05
	0.4	0.4	**1.95 ± 0.57**	1.53 ± 0.96	1.26 ± 1.08	1.26 ± 1.19	1.89 ± 1.17	1.54 ± 1.06	1.58 ± 1.14
	0.1	0.3	**10.82 ± 0.53**	10.11 ± 1.23	10.27 ± 1.30	9.89 ± 1.40	10.30 ± 1.28	9.11 ± 1.86	10.27 ± 1.11
	0.3	0.1	**7.94 ± 0.73**	7.55 ± 1.10	7.46 ± 1.27	7.41 ± 1.28	7.11 ± 1.05	6.69 ± 1.36	4.32 ± 1.23
webpage	0.5	0.1	13.65 ± 1.76	16.01 ± 1.07	14.92 ± 1.25	**16.11 ± 0.95**	14.07 ± 1.21	15.66 ± 2.25	4.04 ± 0.95
	0.5	0.25	6.43 ± 3.09	8.19 ± 1.24	7.99 ± 1.39	**8.25 ± 1.00**	6.67 ± 1.53	5.31 ± 2.38	2.48 ± 0.94
	0.2	0.2	23.18 ± 1.65	26.85 ± 1.20	26.08 ± 1.07	**27.11 ± 0.85**	26.81 ± 1.05	26.94 ± 1.12	7.74 ± 1.23
	0.4	0.4	**6.12 ± 1.03**	5.86 ± 1.44	5.74 ± 1.55	5.93 ± 1.25	4.99 ± 1.60	2.77 ± 1.79	1.99 ± 1.17
	0.1	0.3	26.04 ± 2.94	31.61 ± 1.23	30.84 ± 1.30	31.49 ± 1.25	**31.62 ± 1.20**	31.35 ± 1.33	20.80 ± 5.02
	0.3	0.1	22.38 ± 1.79	25.50 ± 0.74	24.35 ± 0.97	**25.55 ± 0.69**	24.81 ± 0.86	25.50 ± 0.73	6.66 ± 1.10
wine-quality	0.5	0.1	1.89 ± 1.17	1.99 ± 1.11	**2.07 ± 1.03**	1.99 ± 1.07	1.87 ± 1.01	1.79 ± 1.14	1.79 ± 0.99
	0.5	0.25	0.91 ± 0.81	0.88 ± 0.93	1.25 ± 0.87	**1.29 ± 0.96**	1.13 ± 0.87	1.00 ± 0.88	1.14 ± 0.87
	0.2	0.2	4.23 ± 1.55	5.21 ± 1.42	5.55 ± 1.34	**5.61 ± 0.85**	5.46 ± 1.41	3.87 ± 1.37	4.27 ± 1.28
	0.4	0.4	0.87 ± 1.02	0.84 ± 0.97	0.94 ± 0.90	0.74 ± 0.84	1.11 ± 1.07	1.03 ± 1.04	**1.14 ± 1.15**
	0.1	0.3	7.25 ± 1.13	7.25 ± 1.20	**7.73 ± 1.02**	7.43 ± 1.12	7.64 ± 1.04	6.33 ± 1.43	6.13 ± 1.37
	0.3	0.1	3.94 ± 1.54	4.81 ± 1.53	**5.06 ± 1.40**	4.85 ± 1.18	3.91 ± 1.43	3.21 ± 1.40	3.49 ± 1.25
yeast-me2	0.5	0.1	0.39 ± 0.66	1.08 ± 1.32	**1.38 ± 1.35**	1.26 ± 1.25	0.90 ± 0.87	0.93 ± 0.89	0.94 ± 0.76
	0.5	0.25	0.27 ± 0.60	0.55 ± 0.98	0.69 ± 0.91	**0.79 ± 0.94**	0.60 ± 0.70	0.73 ± 0.93	0.65 ± 0.71
	0.2	0.2	2.36 ± 1.28	2.77 ± 1.17	**3.01 ± 1.60**	2.82 ± 1.53	2.54 ± 1.01	2.36 ± 1.31	2.27 ± 0.94
	0.4	0.4	0.22 ± 0.24	0.46 ± 0.79	0.59 ± 0.71	0.58 ± 0.59	0.90 ± 0.94	0.91 ± 0.90	**0.92 ± 0.87**
	0.1	0.3	3.28 ± 1.10	3.32 ± 1.54	4.07 ± 1.33	**4.18 ± 1.28**	3.79 ± 1.19	2.98 ± 1.17	3.65 ± 1.19
	0.3	0.1	2.22 ± 1.02	2.24 ± 1.70	**2.85 ± 1.42**	2.82 ± 1.50	1.95 ± 1.18	1.41 ± 1.21	1.85 ± 1.04
yeast-ml8	0.5	0.1	2.32 ± 1.16	2.30 ± 1.21	1.96 ± 1.09	1.93 ± 1.16	2.61 ± 0.81	2.55 ± 0.90	**2.61 ± 0.80**
	0.5	0.25	0.96 ± 0.91	1.26 ± 0.98	0.90 ± 0.95	0.90 ± 0.92	1.57 ± 0.81	**1.58 ± 1.17**	1.58 ± 0.82
	0.2	0.2	5.24 ± 0.85	5.46 ± 1.17	4.85 ± 1.54	4.33 ± 1.37	5.40 ± 1.09	4.77 ± 1.22	**5.58 ± 1.14**
	0.4	0.4	0.66 ± 1.40	1.67 ± 1.13	1.47 ± 1.36	1.34 ± 1.40	1.65 ± 0.99	**1.70 ± 1.05**	1.67 ± 1.13
	0.1	0.3	6.67 ± 0.75	**6.97 ± 1.07**	6.80 ± 1.10	6.04 ± 1.22	6.90 ± 1.04	6.13 ± 1.11	6.97 ± 1.05
	0.3	0.1	4.08 ± 0.89	4.48 ± 1.22	3.83 ± 1.36	3.67 ± 1.44	4.66 ± 1.17	4.31 ± 1.43	**4.70 ± 1.14**

Table 6: Average accuracy (higher is better) per data set.

	p_-	p_+	Li&Ma tree	Li&Ma thresh.	Menon PK/acc.	Menon CK/acc.	Menon CU/acc.	Mithal CU/G	Yao CU/acc.	default acc.
abalone	0.5	0.1	.780 ± .090	.731 ± .102	.816 ± .031	**.904 ± .002**	.642 ± .137	.491 ± .158	.368 ± .104	.368 ± .104
	0.5	0.25	.576 ± .226	.543 ± .214	.828 ± .028	**.895 ± .008**	.532 ± .192	.403 ± .180	.391 ± .105	.391 ± .105
	0.2	0.2	.732 ± .047	.758 ± .053	.825 ± .016	**.905 ± .001**	.784 ± .026	.760 ± .072	**.905 ± .001**	**.905 ± .001**
	0.4	0.4	.448 ± .147	.450 ± .234	.838 ± .025	**.885 ± .013**	.545 ± .179	.384 ± .146	**.885 ± .013**	**.885 ± .013**
	0.1	0.3	.733 ± .046	.733 ± .037	.822 ± .015	.905 ± .001	.795 ± .022	.779 ± .037	**.906 ± .000**	.906 ± .000
	0.3	0.1	.797 ± .021	.774 ± .041	.820 ± .022	**.906 ± .001**	.763 ± .039	.697 ± .131	.880 ± .009	.880 ± .009
abalone-19	0.5	0.1	.675 ± .295	.644 ± .309	.933 ± .024	**.992 ± .001**	.498 ± .206	.282 ± .145	.471 ± .121	.471 ± .121
	0.5	0.25	.734 ± .260	.681 ± .263	.933 ± .024	**.988 ± .005**	.497 ± .206	.284 ± .166	.485 ± .121	.485 ± .121
	0.2	0.2	.644 ± .248	.495 ± .355	.939 ± .019	.992 ± .000	.658 ± .207	.308 ± .119	**.992 ± .000**	.992 ± .000
	0.4	0.4	.711 ± .130	.644 ± .299	.937 ± .025	**.981 ± .008**	.591 ± .201	.305 ± .118	**.981 ± .008**	**.981 ± .008**
	0.1	0.3	.426 ± .346	.389 ± .309	.950 ± .013	.992 ± .000	.825 ± .100	.256 ± .182	**.992 ± .000**	.992 ± .000
	0.3	0.1	.651 ± .152	.517 ± .352	.939 ± .019	**.992 ± .000**	.599 ± .183	.276 ± .124	.991 ± .001	.991 ± .001
arrhythmia	0.5	0.1	.366 ± .203	.532 ± .251	.844 ± .052	**.937 ± .013**	.484 ± .062	.376 ± .111	.427 ± .111	.427 ± .111
	0.5	0.25	.530 ± .239	.572 ± .260	.844 ± .053	**.881 ± .063**	.468 ± .056	.344 ± .113	.447 ± .117	.447 ± .117
	0.2	0.2	.674 ± .168	.615 ± .215	.881 ± .036	.941 ± .005	.785 ± .051	.417 ± .118	**.941 ± .005**	.941 ± .005
	0.4	0.4	.533 ± .147	.526 ± .210	**.853 ± .039**	.818 ± .083	.570 ± .045	.337 ± .106	.818 ± .083	.818 ± .083
	0.1	0.3	.641 ± .214	.631 ± .210	.895 ± .016	.941 ± .004	.865 ± .024	.509 ± .158	**.944 ± .002**	.944 ± .002
	0.3	0.1	.487 ± .188	.582 ± .216	.865 ± .030	**.943 ± .003**	.676 ± .057	.311 ± .150	.927 ± .017	.927 ± .017
car-eval-34	0.5	0.1	.903 ± .018	.858 ± .096	.901 ± .017	**.932 ± .004**	.665 ± .059	.623 ± .163	.435 ± .064	.435 ± .064
	0.5	0.25	.730 ± .208	.656 ± .169	.864 ± .025	**.917 ± .011**	.570 ± .066	.437 ± .135	.463 ± .068	.463 ± .068
	0.2	0.2	.953 ± .002	.954 ± .011	**.956 ± .010**	.939 ± .006	.919 ± .022	.938 ± .034	.939 ± .006	.939 ± .006
	0.4	0.4	.597 ± .247	.594 ± .199	.849 ± .030	**.880 ± .029**	.589 ± .052	.349 ± .125	**.880 ± .029**	**.880 ± .029**
	0.1	0.3	.954 ± .009	.960 ± .008	**.966 ± .005**	.942 ± .008	.953 ± .015	.947 ± .059	.926 ± .003	.926 ± .003
	0.3	0.1	.954 ± .016	.951 ± .011	.948 ± .011	.936 ± .005	.880 ± .031	.849 ± .123	**.957 ± .005**	**.957 ± .005**
car-eval-4	0.5	0.1	.819 ± .173	.786 ± .199	.887 ± .026	**.963 ± .001**	.570 ± .066	.362 ± .184	.462 ± .077	.462 ± .077
	0.5	0.25	.678 ± .334	.609 ± .273	.870 ± .027	**.951 ± .008**	.524 ± .056	.343 ± .149	.480 ± .078	.480 ± .078
	0.2	0.2	.952 ± .024	.951 ± .035	.944 ± .019	**.964 ± .002**	.844 ± .049	.793 ± .210	**.964 ± .002**	**.964 ± .002**
	0.4	0.4	.675 ± .313	.594 ± .216	.871 ± .028	**.918 ± .026**	.568 ± .043	.309 ± .117	.917 ± .026	.917 ± .026
	0.1	0.3	.953 ± .025	.964 ± .024	.959 ± .013	**.965 ± .003**	.920 ± .031	.906 ± .124	.962 ± .000	.962 ± .000
	0.3	0.1	.950 ± .017	.911 ± .143	.931 ± .023	.963 ± .001	.766 ± .069	.637 ± .230	**.971 ± .005**	**.971 ± .005**
coil-2000	0.5	0.1	.128 ± .055	.262 ± .170	.845 ± .028	**.940 ± .000**	.582 ± .131	.353 ± .115	.191 ± .068	.191 ± .068
	0.5	0.25	.266 ± .263	.325 ± .232	.870 ± .019	**.940 ± .001**	.532 ± .134	.339 ± .128	.262 ± .083	.262 ± .083
	0.2	0.2	.200 ± .094	.296 ± .122	.858 ± .019	**.940 ± .000**	.824 ± .050	.587 ± .142	**.940 ± .000**	**.940 ± .000**
	0.4	0.4	.337 ± .384	.337 ± .271	.883 ± .017	**.937 ± .001**	.656 ± .123	.346 ± .102	**.937 ± .001**	**.937 ± .001**
	0.1	0.3	.367 ± .140	.369 ± .165	.872 ± .014	.940 ± .000	.864 ± .022	.657 ± .162	**.940 ± .000**	**.940 ± .000**
	0.3	0.1	.150 ± .098	.293 ± .158	.849 ± .023	**.940 ± .000**	.781 ± .060	.524 ± .151	.940 ± .000	.940 ± .000
ecoli	0.5	0.1	.733 ± .122	.715 ± .192	.857 ± .039	**.876 ± .036**	.640 ± .088	.420 ± .162	.477 ± .096	.477 ± .096
	0.5	0.25	.542 ± .286	.686 ± .203	**.843 ± .041**	.806 ± .065	.593 ± .100	.375 ± .133	.485 ± .106	.484 ± .105
	0.2	0.2	.880 ± .030	.844 ± .103	.907 ± .017	**.911 ± .016**	.879 ± .035	.569 ± .211	**.911 ± .016**	**.911 ± .016**
	0.4	0.4	.528 ± .270	.633 ± .207	**.842 ± .041**	.764 ± .074	.659 ± .092	.409 ± .119	.764 ± .074	.764 ± .074
	0.1	0.3	.858 ± .050	.864 ± .061	.910 ± .018	.912 ± .015	.900 ± .026	.670 ± .220	**.913 ± .014**	**.913 ± .014**
	0.3	0.1	.855 ± .080	.840 ± .089	.898 ± .021	**.910 ± .013**	.844 ± .043	.496 ± .116	.874 ± .028	.874 ± .028
isolet	0.5	0.1	.946 ± .007	**.948 ± .006**	.930 ± .010	.925 ± .002	.795 ± .053	.938 ± .023	.356 ± .056	.356 ± .056
	0.5	0.25	.869 ± .049	.824 ± .122	.894 ± .022	**.924 ± .001**	.595 ± .072	.606 ± .173	.372 ± .060	.372 ± .060
	0.2	0.2	.954 ± .005	.960 ± .004	.957 ± .003	.935 ± .004	.943 ± .006	**.961 ± .003**	.935 ± .004	.935 ± .004
	0.4	0.4	.637 ± .082	.697 ± .128	.886 ± .019	**.924 ± .002**	.601 ± .069	.528 ± .093	**.924 ± .002**	**.924 ± .002**
	0.1	0.3	.955 ± .005	.959 ± .005	.961 ± .003	.937 ± .004	.956 ± .005	**.962 ± .004**	.923 ± .000	.923 ± .000
	0.3	0.1	.955 ± .004	.960 ± .003	.954 ± .005	.932 ± .003	.929 ± .010	.960 ± .003	**.961 ± .002**	**.961 ± .002**
letter-img	0.5	0.1	.986 ± .001	**.987 ± .002**	.987 ± .001	.983 ± .001	.987 ± .002	.983 ± .019	.405 ± .113	.405 ± .113
	0.5	0.25	.978 ± .003	.981 ± .003	**.981 ± .003**	.978 ± .004	.970 ± .011	.853 ± .213	.430 ± .120	.430 ± .120
	0.2	0.2	.987 ± .001	**.990 ± .001**	.989 ± .001	.986 ± .001	.989 ± .001	.990 ± .001	.986 ± .001	.986 ± .001
	0.4	0.4	.963 ± .016	.970 ± .013	.974 ± .005	**.975 ± .004**	.947 ± .030	.731 ± .183	**.975 ± .004**	**.975 ± .004**
	0.1	0.3	.986 ± .002	.990 ± .001	.989 ± .001	.987 ± .001	.989 ± .001	**.990 ± .001**	.981 ± .002	.981 ± .002
	0.3	0.1	.988 ± .001	.990 ± .001	.989 ± .001	.986 ± .001	.989 ± .001	**.990 ± .001**	.990 ± .001	.990 ± .001
libras-move	0.5	0.1	.683 ± .142	.642 ± .210	.826 ± .061	**.867 ± .052**	.536 ± .073	.360 ± .140	.501 ± .083	.497 ± .085
	0.5	0.25	.668 ± .209	.625 ± .227	**.816 ± .057**	.765 ± .085	.526 ± .075	.302 ± .093	.499 ± .090	.499 ± .090
	0.2	0.2	.887 ± .048	.818 ± .154	.921 ± .019	**.935 ± .016**	.876 ± .026	.494 ± .166	**.935 ± .016**	**.935 ± .016**
	0.4	0.4	.636 ± .312	.635 ± .265	**.845 ± .042**	.736 ± .075	.659 ± .089	.350 ± .131	.736 ± .075	.736 ± .075
	0.1	0.3	.888 ± .086	.843 ± .096	.932 ± .017	.941 ± .014	.920 ± .019	.683 ± .174	**.942 ± .010**	**.942 ± .010**
	0.3	0.1	.788 ± .232	.803 ± .199	.900 ± .027	**.928 ± .020**	.798 ± .044	.482 ± .162	.883 ± .034	.883 ± .034
mammography	0.5	0.1	.980 ± .003	.978 ± .010	.979 ± .003	**.984 ± .001**	.972 ± .007	.813 ± .154	.500 ± .202	.500 ± .202
	0.5	0.25	.976 ± .002	.963 ± .036	.972 ± .006	**.980 ± .002**	.949 ± .020	.647 ± .184	.520 ± .197	.520 ± .197
	0.2	0.2	.982 ± .003	.984 ± .001	.984 ± .001	**.985 ± .001**	.983 ± .001	.961 ± .052	**.985 ± .001**	**.985 ± .001**
	0.4	0.4	.969 ± .009	.943 ± .058	.970 ± .004	**.978 ± .002**	.934 ± .042	.509 ± .209	**.978 ± .002**	**.978 ± .002**
	0.1	0.3	.981 ± .002	.983 ± .001	.984 ± .001	**.985 ± .001**	.984 ± .001	.985 ± .001	.983 ± .001	.983 ± .001
	0.3	0.1	.982 ± .003	.984 ± .001	.983 ± .001	**.985 ± .001**	.982 ± .002	.938 ± .081	.985 ± .001	.985 ± .001
oil	0.5	0.1	.807 ± .215	.757 ± .180	.894 ± .029	**.951 ± .006**	.606 ± .126	.364 ± .137	.473 ± .080	.473 ± .080
	0.5	0.25	.803 ± .211	.669 ± .225	.886 ± .029	**.913 ± .021**	.577 ± .126	.285 ± .090	.493 ± .086	.493 ± .086
	0.2	0.2	.894 ± .082	.843 ± .166	.935 ± .018	**.959 ± .005**	.901 ± .042	.543 ± .139	**.959 ± .005**	**.959 ± .005**
	0.4	0.4	.692 ± .282	.574 ± .266	**.893 ± .027**	.879 ± .033	.663 ± .097	.316 ± .099	.879 ± .033	.879 ± .033
	0.1	0.3	.935 ± .028	.892 ± .068	.948 ± .006	**.958 ± .004**	.940 ± .008	.685 ± .179	**.958 ± .003**	**.958 ± .003**
	0.3	0.1	.895 ± .078	.843 ± .146	.934 ± .013	**.958 ± .005**	.861 ± .067	.522 ± .156	.952 ± .007	.952 ± .007
optical-digits	0.5	0.1	.966 ± .002	.965 ± .003	**.968 ± .002**	.949 ± .004	.950 ± .010	.965 ± .005	.382 ± .062	.382 ± .062
	0.5	0.25	.945 ± .010	.948 ± .007	**.949 ± .007**	.940 ± .006	.807 ± .058	.844 ± .146	.417 ± .067	.417 ± .067
	0.2	0.2	.968 ± .004	.971 ± .003	.971 ± .002	.957 ± .002	**.972 ± .003**	.971 ± .003	.957 ± .002	.957 ± .002
	0.4	0.4	.867 ± .088	.900 ± .044	.929 ± .011	**.930 ± .011**	.748 ± .060	.688 ± .110	**.930 ± .011**	**.930 ± .011**
	0.1	0.3	.963 ± .007	.971 ± .003	.970 ± .003	.958 ± .003	.972 ± .003	**.973 ± .003**	.930 ± .005	.930 ± .005
	0.3	0.1	.970 ± .003	.972 ± .003	.971 ± .002	.955 ± .003	.972 ± .003	.972 ± .003	**.972 ± .002**	**.972 ± .002**
ozone-level	0.5	0.1	.657 ± .207	.570 ± .284	.893 ± .028	**.971 ± .001**	.523 ± .129	.314 ± .093	.430 ± .108	.430 ± .108
	0.5	0.25	.675 ± .225	.605 ± .266	.901 ± .028	**.966 ± .005**	.510 ± .129	.337 ± .106	.460 ± .111	.460 ± .111
	0.2	0.2	.751 ± .166	.621 ± .248	.920 ± .012	**.971 ± .001**	.846 ± .045	.382 ± .172	**.971 ± .001**	**.971 ± .001**
	0.4	0.4	.647 ± .253	.618 ± .290	.909 ± .022	**.954 ± .011**	.614 ± .145	.320 ± .146	**.954 ± .011**	**.954 ± .011**
	0.1	0.3	.820 ± .080	.710 ± .169	.930 ± .009	.971 ± .001	.903 ± .015	.508 ± .184	**.971 ± .000**	.971 ± .000
pen-digits	0.3	0.1	.747 ± .118	.634 ± .251	.911 ± .017	**.971 ± .001**	.775 ± .074	.395 ± .185	.968 ± .004	.968 ± .004
	0.5	0.1	**.987 ± .003**	.987 ± .003	.977 ± .003	.979 ± .003	.983 ± .003	.987 ± .003	.462 ± .075	.462 ± .075
	0.5	0.25	.975 ± .006	.975 ± .007	.969 ± .006	.973 ± .006	**.976 ± .006**	.950 ± .043	.483 ± .077	.483 ± .077
	0.2	0.2	**.992 ± .001**	.992 ± .001	.982 ± .002	.984 ± .002	.984 ± .002	.992 ± .001	.984 ± .002	.984 ± .002
	0.4	0.4	.959 ± .010	.964 ± .011	.960 ± .006	**.965 ± .008**	.964 ± .012	.933 ± .058	**.965 ± .008**	**.965 ± .008**
	0.1	0.3	**.993 ± .001**	.992 ± .001	.982 ± .002	.984 ± .002	.984 ± .002	.992 ± .001	.971 ± .002	.971 ± .002
	0.3	0.1	**.992 ± .001**	.991 ± .001	.982 ± .002	.983 ± .002	.985 ± .002	.991 ± .001	.992 ± .001	.992 ± .001
protein-homo	0.5	0.1	**.997 ± .000**	.997 ± .000	.988 ± .002	.997 ± .000	.969 ± .017	.997 ± .000	.408 ± .200	.408 ± .200
	0.5	0.25	.997 ± .000	.997 ± .000	.987 ± .002	.996 ± .000	.947 ± .035	**.997 ± .000**	.451 ± .194	.451 ± .194
	0.2	0.2	.997 ± .000	.997 ± .000	.990 ± .001	.997 ± .000	.988 ± .001	**.997 ± .000**	.997 ± .000	.997 ± .000
	0.4	0.4	.996 ± .000	**.996 ± .000**	.987 ± .001	.996 ± .000	.960 ± .014	.967 ± .045	.996 ± .000	.996 ± .000
	0.1	0.3	.997 ± .000	.997 ± .000	.991 ± .001	.997 ± .000	.990 ± .001	**.997 ± .000**	.996 ± .000	.996 ± .000
	0.3	0.1	**.997 ± .000**	.997 ± .000	.989 ± .001	.997 ± .000	.986 ± .002	.997 ± .000	.997 ± .000	.997 ± .000
satimage	0.5	0.1	.904 ± .007	.914 ± .010	.919 ± .005	**.929 ± .001**	.885 ± .021	.873 ± .051	.407 ± .073	.407 ± .073
	0.5	0.25	.873 ± .041	.877 ± .046	.900 ± .018	**.921 ± .005**	.756 ± .106	.723 ± .173	.427 ± .079	.427 ± .079
	0.2	0.2	.894 ± .010	.910 ± .009	.925 ± .002	**.932 ± .001**	.920 ± .004	.917 ± .009	**.932 ± .001**	**.932 ± .001**
	0.4	0.4	.811 ± .147	.788 ± .137	.887 ± .020	**.912 ± .009**	.691 ± .141	.534 ± .161	**.912 ± .009**	**.912 ± .009**
	0.1	0.3	.884 ± .011	.900 ± .011	.927 ± .002	**.932 ± .001**	.924 ± .003	.919 ± .005	.922 ± .005	.922 ± .005
	0.3	0.1	.911 ± .006	.914 ± .008	.924 ± .003	**.932 ± .001**	.916 ± .005	.917 ± .008	.921 ± .003	.921 ± .003
scene	0.5	0.1	.447 ± .202	.389 ± .189	.828 ± .030	**.926 ± .000**	.486 ± .107	.313 ± .112	.321 ± .056	.321 ± .056
	0.5	0.25	.456 ± .218	.446 ± .184	.846 ± .027	**.922 ± .005**	.481 ± .106	.334 ± .074	.383 ± .069	.383 ± .069
	0.2	0.2	.406 ± .150	.365 ± .144	.860 ± .011	**.927 ± .001**	.783 ± .023	.504 ± .130	.927 ± .000	**.927 ± .001**
	0.4	0.4	.563 ± .283	.441 ± .260	.859 ± .019	**.904 ± .016**	.586 ± .095	.370 ± .131	**.904 ± .016**	**.904 ± .016**
	0.1	0.3	.394 ± .061	.342 ± .164	.868 ± .012	**.927 ± .000**	.837 ± .021	.508 ± .204	.927 ± .000	.927 ± .000
	0.3	0.1	.592 ± .117	.471 ± .181	.853 ± .018	**.927 ± .000**	.700 ± .065	.447 ± .120	.925 ± .003	.925 ± .003
sick-euthyroid	0.5	0.1	.955 ± .005	.963 ± .005	**.963 ± .005**	.947 ± .010	.927 ± .018	.927 ± .074	.357 ± .075	.357 ± .075
	0.5	0.25	.878 ± .130	.923 ± .041	**.940 ± .017**	.934 ± .016	.747 ± .160	.664 ± .205	.405 ± .089	.405 ± .089
	0.2	0.2	.967 ± .002	.970 ± .002	**.970 ± .002**	.954 ± .008	.967 ± .003	.970 ± .002	.954 ± .008	.954 ± .008
	0.4	0.4	.766 ± .278	.767 ± .223	.920 ± .024	**.924 ± .017**	.730 ± .193	.514 ± .230	**.924 ± .017**	**.924 ± .017**
	0.1	0.3	.967 ± .004	.970 ± .002	**.971 ± .002**	.954 ± .008	.970 ± .002	.970 ± .002	.917 ± .006	.917 ± .006
	0.3	0.1	.965 ± .004	.969 ± .003	.970 ± .002	.954 ± .006	.965 ± .003	.970 ± .003	**.970 ± .002**	**.970 ± .002**
solar-flare-m0	0.5	0.1	.815 ± .141	.628 ± .252	.904 ± .027	**.943 ± .005**	.739 ± .130	.331 ± .157	.424 ± .104	.424 ± .104
	0.5	0.25	.814 ± .145	.666 ± .228	.901 ± .028	**.926 ± .013**	.662 ± .167	.320 ± .195	.460 ± .110	.460 ± .110
	0.2	0.2	.677 ± .220	.588 ± .279	.921 ± .014	**.946 ± .003**	.892 ± .031	.401 ± .193	**.946 ± .003**	**.946 ± .003**
	0.4	0.4	.719 ± .168	.623 ± .257	**.907 ± .030**	.904 ± .021	.737 ± .160	.301 ± .145	.903 ± .021	.903 ± .021
	0.1	0.3	.671 ± .206	.559 ± .245	.925 ± .011	.947 ± .003	.911 ± .022	.419 ± .215	.949 ± .002	**.949 ± .002**
spectrometer	0.3	0.1	.781 ± .118	.649 ± .211	.919 ± .017	**.945 ± .003**	.873 ± .047	.401 ± .155	.937 ± .005	.937 ± .005
	0.5	0.1	.882 ± .091	.856 ± .129	.932 ± .027	**.934 ± .027**	.811 ± .095	.455 ± .200	.515 ± .101	.515 ± .101
	0.5	0.25	.772 ± .169	.736 ± .227	**.900 ± .040**	.870 ± .057	.691 ± .128	.346 ± .100	.519 ± .101	.519 ± .101
	0.2	0.2	.952 ± .012	.942 ± .043	.963 ± .010	**.965 ± .010**	.960 ± .017	.845 ± .123	**.965 ± .010**	**.965 ± .010**
	0.4	0.4	.760 ± .115	.708 ± .193	**.896 ± .048**	.830 ± .073	.755 ± .117	.335 ± .120	.830 ± .073	.830 ± .073
	0.1	0.3	.959 ± .014	.957 ± .017	.963 ± .008	**.966 ± .009**	.965 ± .008	.877 ± .133	.958 ± .010	.958 ± .010
thyroid-sick	0.3	0.1	.956 ± .013	.952 ± .023	.961 ± .010	**.962 ± .008**	.951 ± .019	.759 ± .191	.944 ± .028	.944 ± .028
	0.5	0.1	.962 ± .012	**.971 ± .005**	.971 ± .006	.962 ± .008	.949 ± .019	.907 ± .083	.399 ± .122	.399 ± .122
	0.5	0.25	.931 ± .034	.914 ± .126	.952 ± .015	**.955 ± .010**	.813 ± .099	.653 ± .213	.432 ± .129	.432 ± .129
	0.2	0.2	.974 ± .001	.978 ± .002	**.978 ± .001**	.968 ± .006	.977 ± .002	.973 ± .021	.968 ± .006	.968 ± .006
	0.4	0.4	.799 ± .133	.828 ± .166	.931 ± .023	.944 ± .010	.781 ± .112	.481 ± .176	**.944 ± .010**	**.944 ± .010**
us-crime	0.1	0.3	.973 ± .004	.977 ± .002	**.978 ± .001**	.969 ± .006	.978 ± .001	.978 ± .002	.946 ± .005	.946 ± .005
	0.3	0.1	.974 ± .002	.977 ± .002	.977 ± .002	.967 ± .005	.975 ± .003	.977 ± .002	**.978 ± .002**	**.978 ± .002**
	0.5	0.1	.891 ± .015	.830 ± .124	.916 ± .011	**.930 ± .003**	.847 ± .060	.578 ± .214	.460 ± .086	.460 ± .086
	0.5	0.25	.867 ± .040	.731 ± .162	.902 ± .021	**.920 ± .007**	.736 ± .117	.402 ± .150	.478 ± .090	.478 ± .090
	0.2	0.2	.910 ± .011	.886 ± .032	.930 ± .005	**.937 ± .003**	.924 ± .007	.837 ± .073	**.937 ± .003**	**.937 ± .003**
	0.4	0.4	.815 ± .063	.618 ± .245	.900 ± .019	**.902 ± .018**	.770 ± .075	.390 ± .116	**.902 ± .018**	**.902 ± .018**
	0.1	0.3	.897 ± .016	.876 ± .025	.932 ± .005	**.936 ± .002**	.930 ± .005	.887 ± .044	.933 ± .003	.933 ± .003
webpage	0.3	0.1	.901 ± .011	.886 ± .030	.928 ± .005	**.934 ± .002**	.916 ± .010	.837 ± .094	.928 ± .005	.928 ± .005
	0.5	0.1	.978 ± .002	.981 ± .002	**.981 ± .001**	.974 ± .001	.980 ± .002	.977 ± .018	.072 ± .039	.072 ± .039
	0.5	0.25	.956 ± .036	.975 ± .006	**.976 ± .002**	.974 ± .001	.964 ± .016	.861 ± .147	.175 ± .087	.175 ± .087
	0.2	0.2	.977 ± .003	.983 ± .001	.984 ± .001	.974 ± .001	**.984 ± .001**	.983 ± .001	.974 ± .001	.974 ± .001
	0.4	0.4	.973 ± .007	.968 ± .014	.974 ± .002	**.974 ± .001**	.946 ± .043	.772 ± .146	**.974 ± .001**	**.974 ± .001**
wine-quality	0.1	0.3	.972 ± .005	.982 ± .002	.984 ± .001	.974 ± .001	**.984 ± .001**	.983 ± .001	.973 ± .000	.973 ± .000
	0.3	0.1	.978 ± .001	.983 ± .001	.983 ± .001	.974 ± .000	**.983 ± .001**	.983 ± .001	.978 ± .001	.978 ± .001
	0.5	0.1	.790 ± .168	.721 ± .230	.925 ± .017	**.962 ± .001**	.759 ± .116	.482 ± .168	.394 ± .105	.394 ± .105
	0.5	0.25	.723 ± .184	.629 ± .226	.916 ± .015	**.957 ± .003**	.620 ± .153	.382 ± .126	.433 ± .109	.433 ± .109
	0.2	0.2	.776 ± .108	.824 ± .187	.944 ± .005	**.962 ± .001**	.937 ± .010	.662 ± .169	**.962 ± .001**	**.962 ± .001**
	0.4	0.4	.830 ± .148	.636 ± .281	.922 ± .012	**.948 ± .007**	.758 ± .107	.299 ± .127	**.948 ± .007**	**.948 ± .007**
	0.1	0.3	.888 ± .034	.895 ± .063	.950 ± .002	**.963 ± .001**	.948 ± .004	.850 ± .105	.963 ± .001	.963 ± .001
	0.3	0.1	.893 ± .054	.819 ± .238	.942 ± .006	**.962 ± .001**	.926 ± .017	.563 ± .196	.959 ± .002	.959 ± .002
yeast-me2	0.5	0.1	.822 ± .112	.703 ± .222	.923 ± .016	**.962 ± .005**	.671 ± .134	.337 ± .187	.440 ± .110	.440 ± .110
	0.5	0.25	.783 ± .292	.709 ± .180	.918 ± .013	**.947 ± .016**	.584 ± .143	.335 ± .173	.467 ± .115	.465 ± .113
	0.2	0.2	.809 ± .095	.765 ± .206	.941 ± .007	**.964 ± .002**	.917 ± .017	.593 ± .178	**.964 ± .002**	**.964 ± .002**
	0.4	0.4	.705 ± .162	.607 ± .243	.923 ± .011	**.930 ± .014**	.729 ± .104	.277 ± .125	**.930 ± .014**	**.930 ± .014**
	0.1	0.3	.868 ± .118	.837 ± .131	.948 ± .005	.964 ± .002	.940 ± .008	.615 ± .246	.965 ± .001	**.965 ± .001**
yeast-ml8	0.3	0.1	.908 ± .053	.812 ± .173	.940 ± .011	**.965 ± .002**	.890 ± .030	.461 ± .182	.957 ± .005	.957 ± .005
	0.5	0.1	.348 ± .172	.255 ± .145	.806 ± .029	**.926 ± .000**	.459 ± .052	.324 ± .109	.287 ± .055	.287 ± .055
	0.5	0.25	.435 ± .288	.388 ± .185	.836 ± .022	**.924 ± .002**	.482 ± .046	.335 ± .104	.366 ± .071	.366 ± .071
	0.2	0.2	.153 ± .052	.128 ± .036	.813 ± .027	**.926 ± .000**	.705 ± .047	.350 ± .120	**.926 ± .000**	**.926 ± .000**
	0.4	0.4	.574 ± .158	.397 ± .263	.847 ± .027	**.910 ± .013**	.560 ± .042	.304 ± .104	.910 ± .013	.910 ± .013
	0.1	0.3	.157 ± .056	.118 ± .057	.831 ± .021	**.926 ± .000**	.816 ± .025	.344 ± .136	**.926 ± .000**	**.926 ± .000**
	0.3	0.1	.202 ± .075	.168 ± .066	.799 ± .036	**.926 ± .000**	.595 ± .067	.292 ± .107	.926 ± .000	.926 ± .000