

Table 1: Datasets for decision tree smoothing

<i>Domain</i>	<i>#Case</i>	<i>#Att</i>	<i>Domain</i>	<i>#Case</i>	<i>#Att</i>	<i>Domain</i>	<i>#Case</i>	<i>#Att</i>
skin-segmentation	245057	3	image-segment	2310	19	wholesaleRegion	440	7
localization	164 860	7	cardiotocography	2126	35	house-votes-84	435	16
ipums	88 443	60	mfeat-fourier	2000	76	user-knowledge	403	5
OneBig	68 000	20	mfeat-mor	2000	6	horse-colic	368	21
connect-4	67 557	42	multiple-features	2000	649	dermatology	366	34
shuttle	58 000	9	steel-plates-faults	1941	33	movement-libras	360	90
adult	48 842	14	car-evaluation	1728	6	ionosphere	351	34
tamilnadu-electri	45781	3	leaves-margin	1600	64	spectf-heart	349	44
bank-marketing	45 211	16	leaves-shape	1600	64	bupa	345	6
nomao	34 465	118	leaves-texture	1599	64	leaf	340	15
kr-vs-k	28056	6	wine-quality-red	1599	11	primaryTumor	339	17
letter-recog	20000	16	semeion	1593	256	ecoli	336	7
magic	19020	10	volcanoes	1520	3	soybean-large	307	35
eeg-eye-state	14 980	14	amazon	1500	10000	habermans	306	3
gas-drift	13 910	128	yeast	1484	8	cleveland	303	13
nursery	12 960	8	cmc	1473	9	hungarian	294	13
sign	12546	8	flare	1389	12	statlog-heart	270	13
pendigits	10 992	16	banknote	1372	4	spect-heart	267	22
HumanActivity	10 299	561	hill-valley	1212	100	bankruptcy	250	6
artificial-character	10 218	7	cnae-9	1080	856	Audiology	226	69
thyroid	9 169	29	qsar-bio	1055	41	new-thyroid	215	5
pioneer	9 150	36	german	1000	20	glass	214	9
mushroom	8 124	22	led	1000	7	seeds	210	7
ringnorm	7 400	20	german-credit	1000	24	sonar	208	60
twonorm	7 400	20	vowel	990	13	autos	205	25
musk	6 598	167	mammographic	961	5	wdbc	198	33
satellite	6 435	36	tic-tac-toe	958	9	parkinsons	195	22
first-order-theorem	6 118	51	annealing	898	38	flags-colour	194	29
turkiye-student	5 820	32	vehicle	846	18	flags-religion	194	29
optdigits	5 620	64	energy	768	8	planning-relax	182	12
texture	5 500	40	pid	768	8	robotFailureLp5	164	90
page-blocks	5 473	10	blood	748	4	hayes-roth	160	4
wall-following	5 456	24	breast-cancer-w	699	9	hepatitis	155	19
phoneme	5438	7	credit-approval	690	15	teaching-assistant	151	5
banana	5300	2	balance-scale	625	4	iris	150	4
waveform-5000	5000	40	syscon	600	60	lymphography	148	18
wineQualityWhite	4898	11	indianLiverPatient	583	10	echocardiogram	131	6
wilt	4839	5	wdbc	569	30	voice	126	310
spambase	4601	57	chess	551	39	inflammations	120	6
abalone	4177	8	climateSimulation	540	20	robot-failure-lp4	117	90
sick	3772	29	cylinder-bands	540	39	appendicitis	106	7
kr-vs-kp	3196	36	spectrometer	531	101	breast-tissue	106	9
splice	3190	60	meta-data	528	21	promotor	106	57
splice-c4	3177	60	dresses-sales	500	12	zoo	101	16
hypothyroid	3163	25	thoracic-surgery	470	16	blogger	100	5
madelon	2600	500	saheart	462	9	fertility-diagnosis	100	9
seismic-bumps	2584	18	arrhythmia	452	262	leukemia-haslinger	100	50
ozone-onehr	2536	72	wholesaleChannel	440	7			