Dataset - 342 (R:276 S:66)	# Instances	# Attributes	# Unique Attributes Values	# Targets	Targets-%
abalone	4177	8	31 [3, 1, 2]		(0.35, 0.34, 0.32)
abalone_ori	4177	8	31 [15, 7, 9, 10, 8, 20, 16, 19, 14, 11, 12, 18, 13, 5, 4, 6, 21, 17, 22, 1, 3, 26, 23, 29, 2, 27, 25, 24]		(0.02, 0.09, 0.16, 0.15, 0.14, 0.01, 0.02, 0.01, 0.03, 0.12, 0.06, 0.01, 0.05, 0.03, 0.01, 0.06, 0.0, 0.01, 0.0
acute-inflammations	120	6	14 [1, 2]		(0.58, 0.42)
ada_agnostic	4562	47	99 [1, 2]		(0.75, 0.25)
Adult_UCI_	45222	8	98 ['<=50K', '>50K']		(0.75, 0.25)
analcatdata_authorship	841	70	268 [1, 2, 3, 4]		(0.38, 0.35, 0.07, 0.21)
analcatdata_boxing1	120	3	24 [2, 1]		(0.65, 0.35)
analcatdata_boxing2	132	3	25 [1, 2]		(0.54, 0.46)
analcatdata_creditscore	100	6	21 [2, 1]		(0.73, 0.27)
analcatdata_dmft	797	4	21 [3, 1, 5, 2, 4, 6]		(0.16, 0.16, 0.17, 0.17, 0.19, 0.15)
analcatdata_germangss	400	5	18 [2, 1, 4, 3]		(0.25, 0.25, 0.25, 0.25)
analcatdata_lawsuit	264	4	14 [2, 1]		(0.07, 0.93)
appendicitis	106	7	28 [1, 0]		(0.2, 0.8)
ar4	107	29	111 [1, 2]		(0.81, 0.19)
asbestos	82	3	8 ['(3)_Above_legal_limit', '(1)_Low_exposure', '(2)_Action_level']		(0.39, 0.54, 0.07)
audiology_std	226	62	130 ['cochlear_unknown', 'mixed_cochlear_age_fixation', 'mixed_cochlear_age_otitis_media', 'cochlear_ag		(0.21, 0.01, 0.02, 0.25, 0.1, 0.09, 0.1, 0.0, 0.01, 0.01, 0.01, 0.03, 0.0, 0.01, 0.04, 0.01, 0.02, 0.04, 0.02, 0
australian	690	14	42 [0, 1]		(0.56, 0.44)
auto1	1000	20	40 ['class2', 'class1']		(0.74, 0.26)
auto2	10000	250	780 [' class1', ' class2']		(0.64, 0.36)
auto4	2500	100	388 ['class2', 'class1', 'class3']		(0.47, 0.45, 0.08)
auto5	500	125	475 [' class4', ' class1', ' class3', ' class2']		(0.29, 0.56, 0.1, 0.05)
auto6_1	750	40	155 ['class4', ' class2', ' class6', ' class3', ' class8', ' class7', ' class5', ' class1']		(0.2, 0.1, 0.12, 0.22, 0.1, 0.09, 0.08, 0.1)
auto6_2	1000	40	155 ['class3', 'class7', 'class8', 'class6', 'class2', 'class4', 'class1', 'class5']		(0.24, 0.11, 0.12, 0.09, 0.12, 0.12, 0.09, 0.11)
auto6_3	400	40	155 ['class3', 'class6', 'class4', 'class7', 'class8', 'class5', 'class1', 'class2']		(0.28, 0.12, 0.23, 0.07, 0.07, 0.06, 0.08, 0.09)
auto7_1	1100	12	39 ['class2', 'class3', 'class1', 'class5', 'class4']		(0.22, 0.2, 0.14, 0.28, 0.16)
auto7_2	700	12	39 ['class1', 'class2', 'class3']		(0.31, 0.35, 0.34)
auto7_3	500	12	39 ['class2', 'class4', 'class5', 'class3', 'class1']		(0.14, 0.22, 0.38, 0.17, 0.09)
auto8	500	1000	3605 ['class1', 'class9', 'class4', 'class8', 'class2', 'class10', 'class3', 'class7', 'class5', 'class6']		(0.05, 0.09, 0.11, 0.14, 0.14, 0.08, 0.08, 0.1, 0.17, 0.04)
automobile	159	25	109 [1, 3, 0, 2, -1, -2]		(0.29, 0.08, 0.3, 0.18, 0.13, 0.02)
bach	5665	15	49 [' F_M', ' C_M', ' D_m', ' BbM', ' C_M7', ' D_m7', ' G_M', ' A_m', ' C_M4', ' G_m', ' G_M7', ' D_M', ' F#d'		(0.07, 0.09, 0.03, 0.06, 0.01, 0.01, 0.09, 0.05, 0.0, 0.03, 0.01, 0.09, 0.0, 0.01, 0.0, 0.01, 0.06, 0.03, 0.01,
backache	180	31	91 [1, 2]		(0.86, 0.14)
badges2	294	10	30 [2, 1]		(0.71, 0.29)
Balance_UCI_	625	4	20 ['B', 'R', 'L']		(0.08, 0.46, 0.46)
banana	5300	2	8 [-1, 1]		(0.55, 0.45)
banknote	1372	4	16 [0, 1]		(0.56, 0.44)
bankruptcy	49	5	20 [1, 0]		(0.49, 0.51)
blogger	100	5	15 ['yes', 'no']		(0.68, 0.32)
blood	748	4	16 [1, 0]		(0.24, 0.76)
breast	277	9	41 ['no-recurrence-events', 'recurrence-events']		(0.71, 0.29)
BreastCancerWisconsin_UCI_	683	9	89 [2, 4]		(0.65, 0.35)
breast_cancer_wis_ori	569	30	120 ['M', 'B']		(0.37, 0.63)
breast_cancer_wis_pro	194	34	154 ['N', 'R']		(0.76, 0.24)
breast_cancer_wis_pro2	194	33	150 ['N', 'R']		(0.76, 0.24)
breast_tissue	106	9	36 ['car', 'fad', 'mas', 'gla', 'con', 'adi']		(0.2, 0.14, 0.17, 0.15, 0.13, 0.21)
breast_tissue_merged	106	9	36 ['car', 'other', 'con', 'adj']		(0.2, 0.46, 0.13, 0.21)
bupa	345	6	24 [1, 2]		(0.42, 0.58)
car	1728	6	21 ['unacc', 'acc', 'vgood', 'good']		(0.7, 0.22, 0.04, 0.04)
cardio10	2126	21	68 [9, 6, 2, 8, 10, 7, 1, 3, 5, 4]		(0.03, 0.16, 0.27, 0.05, 0.09, 0.12, 0.18, 0.02, 0.03, 0.04)
cardio3	2126	21	68 [2, 1, 3]		(0.14, 0.78, 0.08)
Census-Income_KDD__UCI_	285779	28	464 ['- 50000', '50000+']		(0.94, 0.06)
Chess_King-Rookvs.King-Pawn__UCI_	3196	36	73 ['won', 'nowin']		(0.52, 0.48)
chronic_kidney_disease	158	24	74 ['ckd', 'notckd']		(0.27, 0.73)
climate	540	20	79 [0, 1]		(0.09, 0.91)
cmc	1473	9	30 [1, 2, 3]		(0.43, 0.23, 0.35)
cnae9	1080	856	1823 [1, 2, 3, 4, 5, 6, 7, 8, 9]		(0.11, 0.11, 0.11, 0.11, 0.11, 0.11, 0.11, 0.11, 0.11)
coil2000	9822	85	650 [0, 1]		(0.94, 0.06)
CongressionalVotingRecords_UCI_	435	16	48 ['republican', 'democrat']		(0.39, 0.61)
connectionist_sonar	208	60	240 ['R', 'M']		(0.47, 0.53)

Dataset	Instances	Classes	Features	Class Labels	Class Distribution
connectionist_vowel	990	13	59	[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10]	(0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09)
contraceptive	1473	9	30	[1, 2, 3]	(0.43, 0.23, 0.35)
Covertype	581012	54	128	[5, 2, 1, 7, 3, 6, 4]	(0.02, 0.49, 0.36, 0.04, 0.06, 0.03, 0.0)
credit-g	1000	20	80	[2, 1]	(0.7, 0.3)
credit	653	15	61	['+', '-']	(0.45, 0.55)
crx	653	15	61	['positive', 'negative']	(0.45, 0.55)
datatrieve	130	8	30	[1, 2]	(0.92, 0.08)
DefaultofCreditCard	30000	23	133	[1, 0]	(0.22, 0.78)
dermatology	358	34	133	[2, 1, 3, 5, 4, 6]	(0.17, 0.31, 0.2, 0.13, 0.13, 0.06)
Diabetic	1151	19	64	[0, 1]	(0.47, 0.53)
diggle_table_a2	310	8	32	[1, 2, 3, 4, 5, 6, 7, 8, 9]	(0.06, 0.13, 0.13, 0.13, 0.11, 0.12, 0.13, 0.13, 0.06)
Divorce	170	54	270	[1, 0]	(0.49, 0.51)
dresses	500	12	174	[1, 0]	(0.42, 0.58)
DryBeans	13611	16	64	['SEKER', 'BARBUNYA', 'BOMBAY', 'CALI', 'HOROZ', 'SIRA', 'DERMASON']	(0.15, 0.1, 0.04, 0.12, 0.14, 0.19, 0.26)
echocardio	61	10	35	[0, 1]	(0.72, 0.28)
ecoli	336	7	24	['cp', 'im', 'imS', 'imL', 'imU', 'om', 'omL', 'pp']	(0.43, 0.23, 0.01, 0.01, 0.1, 0.06, 0.01, 0.15)
fertility	100	9	29	['N', 'O']	(0.88, 0.12)
firm	10800	19	38	[1, 0]	(0.17, 0.83)
first	6118	56	183	[-1, 1]	(0.58, 0.42)
flare	1066	11	41	[' H', ' D', ' C', ' B', ' E', ' F']	(0.31, 0.22, 0.2, 0.14, 0.09, 0.04)
forest	523	27	108	['d ', 'h ', 's ', 'o ']	(0.3, 0.16, 0.37, 0.16)
fourclass	862	2	8	[-1, 1]	(0.64, 0.36)
GermanCredit_UCI_	1000	20	75	[1, 2]	(0.7, 0.3)
gesture_raw	9900	19	76	['Rest', 'Preparation', 'Stroke', 'Hold', 'Retraction']	(0.28, 0.21, 0.3, 0.1, 0.11)
gesture_va	9873	32	128	['D', 'P', 'S', 'H', 'R']	(0.28, 0.21, 0.3, 0.1, 0.11)
glass	214	9	31	[1, 2, 3, 5, 6, 7]	(0.33, 0.36, 0.08, 0.06, 0.04, 0.14)
grammatical_a1	1062	301	1192	[0, 1]	(0.61, 0.39)
grammatical_a2	1907	301	1198	[0, 1]	(0.71, 0.29)
grammatical_a3	1312	301	1191	[0, 1]	(0.63, 0.37)
grammatical_a4	1403	301	1204	[0, 1]	(0.76, 0.24)
grammatical_a5	1124	301	1191	[0, 1]	(0.53, 0.47)
grammatical_a6	2330	301	1196	[0, 1]	(0.72, 0.28)
grammatical_a7	1796	301	1185	[0, 1]	(0.8, 0.2)
grammatical_a8	1286	301	1190	[0, 1]	(0.53, 0.47)
grammatical_a9	1390	301	1192	[0, 1]	(0.62, 0.38)
grammatical_b1	1074	301	1199	[0, 1]	(0.51, 0.49)
grammatical_b2	2034	301	1203	[0, 1]	(0.71, 0.29)
grammatical_b3	1497	301	1196	[0, 1]	(0.48, 0.52)
grammatical_b4	1344	301	1184	[0, 1]	(0.6, 0.4)
grammatical_b5	1582	301	1183	[0, 1]	(0.55, 0.45)
grammatical_b6	1904	301	1198	[0, 1]	(0.71, 0.29)
grammatical_b7	1825	301	1184	[0, 1]	(0.74, 0.26)
grammatical_b8	1328	301	1171	[0, 1]	(0.59, 0.41)
grammatical_b9	1738	301	1187	[0, 1]	(0.59, 0.41)
haberman	306	3	11	[1, 2]	(0.74, 0.26)
hayes	160	4	15	[1, 2, 3]	(0.41, 0.4, 0.19)
heart-long-beach	200	13	42	[3, 1, 2, 4, 5]	(0.2, 0.26, 0.28, 0.21, 0.05)
heart_cleverland	297	13	42	[0, 2, 1, 3, 4]	(0.54, 0.12, 0.18, 0.12, 0.04)
heart_hungarian	294	4	12	[0, 1]	(0.64, 0.36)
Heart_Statlog__UCI_	270	13	40	[2, 1]	(0.44, 0.56)
heart_switzerland	43	11	34	[1, 4, 2, 3, 0]	(0.28, 0.07, 0.28, 0.35, 0.02)
heart_va	200	4	13	[2, 0, 1, 3, 4]	(0.2, 0.26, 0.28, 0.21, 0.05)
hepatitis	80	19	50	[2, 1]	(0.84, 0.16)
hiv_1625	1625	8	160	[1, -1]	(0.23, 0.77)
hiv_746	746	8	160	[-1, 1]	(0.46, 0.54)
hiv_impens	947	8	155	[-1, 1]	(0.84, 0.16)
hiv_schilling	3272	8	160	[-1, 1]	(0.87, 0.13)
horse_colic_lesion	7	22	70	[1]	(1.0,)
horse_colic_outcome	7	22	70	[1, 3, 2]	(0.43, 0.14, 0.43)

Dataset	Instances	Features	Classes	Class distribution
human	10299	562	2232 [5, 4, 6, 1, 3, 2]	(0.19, 0.17, 0.19, 0.17, 0.14, 0.15)
hv_noise	1212	100	400 [1, 0]	(0.5, 0.5)
hv_no_noise	1212	100	400 [0, 1]	(0.5, 0.5)
ilpd	579	10	38 [1, 2]	(0.72, 0.28)
image	2310	18	71 ['BRICKFACE', 'SKY', 'FOLIAGE', 'CEMENT', 'WINDOW', 'PATH', 'GRASS']	(0.14, 0.14, 0.14, 0.14, 0.14, 0.14, 0.14)
internet	3279	1554	3108 ['ad.', 'nonad.']	(0.14, 0.86)
ionosphere	351	33	128 ['g', 'b']	(0.64, 0.36)
Iris_UCI_	150	4	16 ['Iris-setosa', 'Iris-versicolor', 'Iris-virginica']	(0.33, 0.33, 0.33)
isolet	7797	617	2293 [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26]	(0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0.04, 0...
japanese	653	15	61 ['+', '-']	(0.45, 0.55)
jEdit_4.0_4.2	274	8	28 [1, 2]	(0.51, 0.49)
jEdit_4.2_4.3	369	8	28 [2, 1]	(0.55, 0.45)
kc1-binary	145	86	290 [1, 2]	(0.41, 0.59)
kc3	458	39	118 [1, 2]	(0.91, 0.09)
leaf	340	15	71 [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36]	(0.04, 0.03, 0.03, 0.02, 0.04, 0.02, 0.03, 0.03, 0.04, 0.04, 0.05, 0.04, 0.04, 0.04, 0.03, 0.04, 0.03, 0.04, 0...
led	500	7	14 [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]	(0.09, 0.07, 0.1, 0.11, 0.1, 0.1, 0.09, 0.11, 0.11, 0.1)
lenses	24	4	9 ['noCL', 'softCL', 'hardCL']	(0.62, 0.21, 0.17)
libras	360	90	360 [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15]	(0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07, 0.07)
liver	345	6	24 [1, 2]	(0.42, 0.58)
lsvt	126	313	1247 [1, 2]	(0.33, 0.67)
lung	27	56	155 [1, 2, 3]	(0.3, 0.37, 0.33)
lymphography	148	18	59 ['malign_lymph', 'metastases', 'fibrosis', 'normal']	(0.41, 0.55, 0.03, 0.01)
madelon	2600	500	1998 [-1, 1]	(0.5, 0.5)
mammographics	829	5	23 [1, 0]	(0.48, 0.52)
Marketing_EoSL_	6876	13	75 [9, 1, 8, 6, 2, 4, 7, 5, 3]	(0.11, 0.18, 0.16, 0.12, 0.08, 0.09, 0.11, 0.08, 0.07)
mc1	9466	38	98 [1, 2]	(0.99, 0.01)
mc2	161	39	140 [1, 2]	(0.68, 0.32)
mechanical	9254	7	30 [1, 4, 5, 2, 3, 6]	(0.32, 0.08, 0.07, 0.35, 0.08, 0.1)
mfeat-factors	2000	216	864 [1, 3, 4, 5, 6, 7, 8, 9, 10, 2]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
mfeat-fourier	2000	76	304 [1, 3, 4, 5, 6, 7, 8, 9, 10, 2]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
mfeat-karhunen	2000	64	256 [1, 3, 4, 5, 6, 7, 8, 9, 10, 2]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
mfeat-morphological	2000	6	21 [1, 3, 4, 5, 6, 7, 8, 9, 10, 2]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
mfeat-pixel	2000	240	1648 [1, 3, 4, 5, 6, 7, 8, 9, 10, 2]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
mfeat-zernike	2000	47	188 [1, 3, 4, 5, 6, 7, 8, 9, 10, 2]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
mice	552	80	314 ['c-CS-m', 'c-SC-m', 'c-CS-s', 'c-SC-s', 't-CS-m', 't-SC-m', 't-CS-s', 't-SC-s']	(0.08, 0.11, 0.14, 0.14, 0.16, 0.11, 0.14, 0.13)
molecular_promoter	106	57	228 ['+', '-']	(0.5, 0.5)
molecular_splice	3190	60	288 ['EI', 'IE', 'N']	(0.24, 0.24, 0.52)
monks1	556	6	17 [1, 0]	(0.5, 0.5)
monks2	601	6	17 [0, 1]	(0.66, 0.34)
monks3	554	6	17 [1, 0]	(0.52, 0.48)
Mushroom_UCI_	8124	22	117 ['p', 'e']	(0.48, 0.52)
musk	6598	167	759 [2, 1]	(0.15, 0.85)
mw1	403	37	126 [1, 2]	(0.92, 0.08)
oil_spill	937	48	189 [2, 1]	(0.04, 0.96)
onehund_mar	1600	64	222 ['Acer Campestre', 'Acer Capillipes', 'Acer Circinatum', 'Acer Mono', 'Acer Opalus', 'Acer Palmatum', 'A...	(0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0...
onehund_sha	1600	64	256 ['Acer Capillipes', 'Acer Opalus', 'Acer Pictum', 'Alnus Maximowiczii', 'Cotinus Coggygria', 'Populus Gran...	(0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0...
onehund_tex	1599	64	193 ['Acer Campestre', 'Acer Capillipes', 'Acer Circinatum', 'Acer Mono', 'Acer Opalus', 'Acer Palmatum', 'A...	(0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0...
OnlineShoppersIntention	12330	17	90 [False, True]	(0.85, 0.15)
optical	5620	62	177 [0, 7, 4, 6, 2, 5, 8, 1, 9, 3]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
ozone1	1848	72	286 [0, 1]	(0.97, 0.03)
ozone8	1847	72	286 [0, 1]	(0.93, 0.07)
page	5473	10	40 [1, 2, 4, 5, 3]	(0.9, 0.06, 0.02, 0.02, 0.01)
pamap2	40316	53	212 [0, 1, 2, 3, 17, 16, 12, 13, 4, 7, 6, 5, 24]	(0.41, 0.05, 0.05, 0.06, 0.07, 0.05, 0.04, 0.03, 0.07, 0.06, 0.06, 0.02, 0.03)
parkinsons	195	22	88 [1, 0]	(0.75, 0.25)
parkinson_speech	1208	27	105 [1, 0]	(0.57, 0.43)
pc1	1109	21	75 [1, 2]	(0.93, 0.07)
pc1_req	320	8	19 [2, 1]	(0.33, 0.67)
pc2	5589	36	104 [1, 2]	(1.0, 0.0)
pc3	1563	37	126 [1, 2]	(0.9, 0.1)

pc4	1458	37	123 [1, 2]	(0.88, 0.12)
pen	10992	16	59 [8, 2, 1, 4, 6, 0, 5, 9, 7, 3]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
phishing	11055	30	68 [-1, 1]	(0.44, 0.56)
phoneme	5404	5	20 [0, 1]	(0.71, 0.29)
pima	768	8	30 [1, 0]	(0.35, 0.65)
pitt1_1	72	7	24 ['THROUGH', 'DECK']	(0.82, 0.18)
pitt1_2	72	7	24 ['WOOD', 'IRON', 'STEEL']	(0.12, 0.07, 0.81)
pitt1_3	72	7	24 ['SHORT', 'MEDIUM', 'LONG']	(0.1, 0.56, 0.35)
pitt1_4	70	7	24 ['S', 'S-F', 'F']	(0.3, 0.21, 0.49)
pitt2_1	72	7	23 ['THROUGH', 'DECK']	(0.82, 0.18)
pitt2_2	72	7	23 ['WOOD', 'IRON', 'STEEL']	(0.12, 0.07, 0.81)
pitt2_3	72	7	23 ['SHORT', 'MEDIUM', 'LONG']	(0.1, 0.56, 0.35)
pitt2_4	70	7	23 ['S', 'S-F', 'F']	(0.3, 0.21, 0.49)
planning	182	12	48 [1, 2]	(0.71, 0.29)
polish_bankruptcy_1year	3194	64	256 [0, 1]	(0.99, 0.01)
polish_bankruptcy_2year	4088	64	255 [0, 1]	(0.98, 0.02)
polish_bankruptcy_3year	4885	64	255 [0, 1]	(0.98, 0.02)
polish_bankruptcy_4year	4769	64	256 [0, 1]	(0.97, 0.03)
polish_bankruptcy_5year	3031	64	255 [0, 1]	(0.97, 0.03)
PopularKids	478	10	38 [3, 2, 1]	(0.19, 0.29, 0.52)
post	87	8	23 ['A', 'S', 'I']	(0.71, 0.28, 0.01)
primary	132	17	53 [2, 1]	(0.74, 0.26)
prnn_crabs	200	7	26 [1, 2]	(0.5, 0.5)
prnn_synth	250	2	8 [1, 2]	(0.5, 0.5)
qsar	1055	41	128 ['RB', 'NRB']	(0.34, 0.66)
qualitative	250	6	18 ['NB', 'B']	(0.57, 0.43)
ring	7400	20	80 [0, 1]	(0.5, 0.5)
rmftsa_sleepdata	1024	2	8 [4, 2, 1, 3]	(0.28, 0.09, 0.39, 0.23)
robot1	1320	7	28 ['normal', 'collision', 'obstruction', 'fr_collision']	(0.24, 0.19, 0.39, 0.18)
robot2	705	7	28 ['normal', 'back_col', 'front_col', 'right_col', 'left_col']	(0.43, 0.15, 0.13, 0.11, 0.19)
robot3	705	7	28 ['ok', 'moved', 'slightly_moved', 'lost']	(0.43, 0.32, 0.19, 0.06)
robot4	1755	7	28 ['normal', 'collision', 'obstruction']	(0.21, 0.62, 0.18)
robot5	2460	7	28 ['normal', 'collision_in_tool', 'collision_in_part', 'bottom_obstruction', 'bottom_collision']	(0.27, 0.16, 0.29, 0.12, 0.17)
saheart	462	9	34 [1, 0]	(0.35, 0.65)
satimage	6435	36	144 [3, 4, 5, 7, 2, 1]	(0.21, 0.1, 0.11, 0.23, 0.11, 0.24)
scene	2407	299	1186 [1, 2]	(0.82, 0.18)
secom	1567	52	196 [-1, 1]	(0.93, 0.07)
seeds	210	7	28 [1, 2, 3]	(0.33, 0.33, 0.33)
Seismic-Bumps_UCI_	2584	18	41 [0, 1]	(0.93, 0.07)
semeion	1593	256	512 [1, 4, 5, 6, 7, 8, 9, 10, 2, 3]	(0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1)
soybean_large	266	35	97 ['diaporthe-stem-canker', 'charcoal-rot', 'rhizoctonia-root-rot', 'phytophthora-rot', 'brown-stem-rot', 'p	(0.04, 0.04, 0.04, 0.06, 0.08, 0.04, 0.04, 0.15, 0.04, 0.04, 0.04, 0.08, 0.04, 0.15, 0.15)
soybean_small	47	21	58 ['D1', 'D2', 'D3', 'D4']	(0.21, 0.21, 0.21, 0.36)
spambase	4601	57	222 [1, 0]	(0.39, 0.61)
spectf_heart	267	44	176 [1, 0]	(0.79, 0.21)
spect_heart	267	22	44 [1, 0]	(0.79, 0.21)
statlog_australian	690	14	57 [0, 1]	(0.56, 0.44)
statlog_is	2310	18	71 [6, 3, 2, 7, 1, 4, 5]	(0.14, 0.14, 0.14, 0.14, 0.14, 0.14, 0.14)
statlog_ls	6435	36	144 [3, 4, 5, 7, 2, 1]	(0.21, 0.1, 0.11, 0.23, 0.11, 0.24)
statlog_vehicle	846	18	72 ['van', 'saab', 'bus', 'opel']	(0.24, 0.26, 0.26, 0.25)
steel-plates-fault	1941	33	113 [1, 2]	(0.65, 0.35)
Stroke_Kaggle_	4909	10	32 [1, 0]	(0.04, 0.96)
synthetic_control	600	60	240 [5, 1, 4, 2, 6, 3]	(0.17, 0.17, 0.17, 0.17, 0.17, 0.17)
tae	151	5	16 [3, 2, 1]	(0.34, 0.33, 0.32)
tao	1888	2	8 ['white', 'black']	(0.5, 0.5)
teaching	151	5	59 [3, 2, 1]	(0.34, 0.33, 0.32)
texture	5500	40	160 [2, 3, 4, 9, 10, 7, 6, 8, 12, 13, 14]	(0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09, 0.09)
thoracic-surgery	470	16	46 [2, 1]	(0.85, 0.15)
thyroid_allbp	2643	27	64 ['negative.', 'increased binding protein.', 'decreased binding protein.']	(0.95, 0.04, 0.0)
thyroid_allhyper	2643	27	64 ['negative.', 'hyperthyroid.', 'goitre.', 'T3 toxic.', 'secondary toxic.']	(0.97, 0.02, 0.0, 0.0, 0.0)

Dataset	Instances	Features	Dim	Classes	Distribution
thyroid_allhypo	2643	27	64	['negative.', 'primary hypothyroid.', 'compensated hypothyroid.', 'secondary hypothyroid.']	(0.92, 0.03, 0.05, 0.0)
thyroid_allrep	2643	27	64	['negative.', 'underreplacement.', 'replacement therapy.', 'overreplacement.']	(0.97, 0.01, 0.01, 0.01)
thyroid_ann	7200	21	54	[3, 2, 1]	(0.93, 0.05, 0.02)
thyroid_dis	2643	27	64	['negative.', 'discordant.']	(0.98, 0.02)
thyroid_hypothyroid	3163	17	34	['hypothyroid', 'negative']	(0.05, 0.95)
thyroid_new_thyroid	215	5	20	[1, 2, 3]	(0.7, 0.16, 0.14)
thyroid_sick	2643	27	64	['negative.', 'sick.']	(0.92, 0.08)
Tic-Tac-ToeEndgame_UCI_	958	9	27	['positive', 'negative']	(0.65, 0.35)
titanic	2201	3	8	[-1, 1]	(0.68, 0.32)
trains	10	27	80	['east', 'west']	(0.5, 0.5)
turkiye	5820	31	153	[2, 7, 10, 1, 6, 11, 13, 3, 4, 5, 8, 9, 12]	(0.02, 0.03, 0.08, 0.05, 0.1, 0.08, 0.14, 0.16, 0.03, 0.11, 0.09, 0.1, 0.01)
twonorm	7400	20	80	[1, 0]	(0.5, 0.5)
urban	675	147	588	['car ', 'concrete ', 'tree ', 'building ', 'asphalt ', 'grass ', 'shadow ', 'soil ', 'pool ']	(0.05, 0.17, 0.16, 0.18, 0.09, 0.17, 0.09, 0.05, 0.04)
user	258	5	20	['very_low', 'High', 'Low', 'Middle']	(0.09, 0.24, 0.32, 0.34)
VehicleCouponRecommendation	12684	19	91	[1, 0]	(0.57, 0.43)
vert2	310	6	24	['AB', 'NO']	(0.68, 0.32)
vert3	310	6	24	['DH', 'SL', 'NO']	(0.19, 0.48, 0.32)
visualizing_livestock	130	2	30	[1, 3, 4, 2, 5]	(0.2, 0.2, 0.2, 0.2, 0.2)
volcanoes-a1	3252	3	12	[2, 3, 4, 5, 1]	(0.02, 0.02, 0.03, 0.03, 0.91)
volcanoes-a2	1623	3	12	[2, 3, 4, 5, 1]	(0.02, 0.02, 0.03, 0.03, 0.91)
volcanoes-a3	1521	3	12	[2, 3, 4, 5, 1]	(0.02, 0.02, 0.03, 0.03, 0.9)
volcanoes-a4	1515	3	12	[2, 3, 4, 5, 1]	(0.02, 0.02, 0.03, 0.03, 0.9)
volcanoes-b5	9989	3	12	[3, 4, 5, 1, 2]	(0.01, 0.01, 0.02, 0.96, 0.0)
volcanoes-d1	8753	3	12	[4, 5, 1, 2, 3]	(0.03, 0.01, 0.94, 0.01, 0.01)
volcanoes-d2	9172	3	12	[4, 5, 1, 2, 3]	(0.03, 0.01, 0.95, 0.01, 0.01)
volcanoes-d3	9285	3	12	[4, 5, 1, 2, 3]	(0.03, 0.01, 0.94, 0.01, 0.01)
volcanoes-d4	8654	3	12	[4, 5, 1, 2, 3]	(0.03, 0.01, 0.94, 0.01, 0.01)
wall2	5456	2	8	['Slight-Right-Turn', 'Sharp-Right-Turn', 'Move-Forward', 'Slight-Left-Turn']	(0.15, 0.38, 0.4, 0.06)
wall24	5456	24	95	['Slight-Right-Turn', 'Sharp-Right-Turn', 'Move-Forward', 'Slight-Left-Turn']	(0.15, 0.38, 0.4, 0.06)
wall4	5456	4	16	['Slight-Right-Turn', 'Sharp-Right-Turn', 'Move-Forward', 'Slight-Left-Turn']	(0.15, 0.38, 0.4, 0.06)
wave	5000	21	84	[2, 1, 0]	(0.34, 0.33, 0.33)
wave2	5000	40	160	[2, 0, 1]	(0.33, 0.34, 0.33)
weight	72	148	587	['E', 'A', 'D', 'B', 'C']	(0.32, 0.31, 0.07, 0.26, 0.04)
wholesale	440	7	27	[2, 1]	(0.32, 0.68)
wilt	4839	5	20	['w', 'n']	(0.05, 0.95)
wine	178	13	52	[1, 2, 3]	(0.33, 0.4, 0.27)
wine_quality	6497	12	46	[5, 6, 7, 4, 8, 3, 9]	(0.33, 0.44, 0.17, 0.03, 0.03, 0.0, 0.0)
winsconsin	683	9	22	[2, 4]	(0.65, 0.35)
wpbc	194	33	131	['N', 'R']	(0.76, 0.24)
yeast	1484	8	28	['MIT', 'NUC', 'CYT', 'ME1', 'EXC', 'ME2', 'ME3', 'VAC', 'POX', 'ERL']	(0.16, 0.29, 0.31, 0.03, 0.02, 0.03, 0.11, 0.02, 0.01, 0.0)
zoo	101	16	36	[1, 4, 2, 7, 6, 5, 3]	(0.41, 0.13, 0.2, 0.1, 0.08, 0.04, 0.05)
ED_LVL_1_0_EqualDist_Random-Synthetic	1000	5	25	[1, 0]	(0.5, 0.5)
ED_LVL_1_1_EqualDist_Random-Synthetic	10000	5	25	[1, 0]	(0.5, 0.5)
ED_LVL_1_2_EqualDist_Random-Synthetic	100000	5	25	[1, 0]	(0.5, 0.5)
ED_LVL_1_3_EqualDist_Random-Synthetic	1000000	5	25	[0, 1]	(0.5, 0.5)
ED_LVL_1_4_EqualDist_Random-Synthetic	10000000	5	25	[0, 1]	(0.5, 0.5)
ED_LVL_2_0_EqualDist_Random-Synthetic	1000	10	100	[1, 0]	(0.5, 0.5)
ED_LVL_2_1_EqualDist_Random-Synthetic	10000	10	100	[0, 1]	(0.5, 0.5)
ED_LVL_2_2_EqualDist_Random-Synthetic	100000	10	100	[1, 0]	(0.5, 0.5)
ED_LVL_2_3_EqualDist_Random-Synthetic	1000000	10	100	[1, 0]	(0.5, 0.5)
ED_LVL_2_4_EqualDist_Random-Synthetic	10000000	10	100	[1, 0]	(0.5, 0.5)
ED_LVL_3_0_EqualDist_Random-Synthetic	1000	20	400	[1, 0]	(0.51, 0.49)
ED_LVL_3_1_EqualDist_Random-Synthetic	10000	20	400	[1, 0]	(0.5, 0.5)
ED_LVL_3_2_EqualDist_Random-Synthetic	100000	20	400	[0, 1]	(0.5, 0.5)
ED_LVL_3_3_EqualDist_Random-Synthetic	1000000	20	400	[1, 0]	(0.5, 0.5)
ED_LVL_3_4_EqualDist_Random-Synthetic	10000000	20	400	[0, 1]	(0.5, 0.5)
EqualDist_Random-Synthetic__2_10_7463	7463	10	50	[0, 1]	(0.5, 0.5)
EqualDist_Random-Synthetic__2_14_5644	5644	14	73	[0, 1]	(0.5, 0.5)
EqualDist_Random-Synthetic__2_7_5349_	5349	7	35	[1, 0]	(0.5, 0.5)

Name	Count	K	Size	Class	Dist
EqualDist_Random-Synthetic__2_7_7307_	7307	7	27	[0, 1]	(0.49, 0.51)
EqualDist_Random-Synthetic__2_7_8520_	8520	7	33	[1, 0]	(0.51, 0.49)
I_LVL0_Interesting_Non-Random-Synthetic	62500	4	20	[1, 0]	(0.5, 0.5)
I_LVL1_0_Interesting_Non-Random-Synthe	4	2	4	[0, 1]	(0.75, 0.25)
I_LVL1_1_Interesting_Non-Random-Synthe	40	2	4	[0, 1]	(0.62, 0.38)
I_LVL1_2_Interesting_Non-Random-Synthe	400	2	4	[0, 1]	(0.62, 0.38)
I_LVL1_3_Interesting_Non-Random-Synthe	4000	2	4	[0, 1]	(0.62, 0.38)
I_LVL1_4_Interesting_Non-Random-Synthe	40000	2	4	[0, 1]	(0.62, 0.38)
I_LVL2_0_Interesting_Non-Random-Synthe	3125	5	25	[0, 1]	(0.67, 0.33)
I_LVL2_1_Interesting_Non-Random-Synthe	31250	5	25	[1, 0]	(0.5, 0.5)
I_LVL2_2_Interesting_Non-Random-Synthe	312500	5	25	[1, 0]	(0.5, 0.5)
I_LVL2_3_Interesting_Non-Random-Synthe	3125000	5	25	[0, 1]	(0.5, 0.5)
I_LVL2_4_Interesting_Non-Random-Synthe	31250000	5	25	[0, 1]	(0.5, 0.5)
I_LVL3_0_Interesting_Non-Random-Synthe	823543	7	49	[0, 1]	(0.67, 0.33)
I_LVL3_1_Interesting_Non-Random-Synthe	8235430	7	49	[1, 0]	(0.5, 0.5)
ND_LVL_1_0_NormalDist_Random-Synthe	1000	5	25	[1, 0]	(0.48, 0.52)
ND_LVL_1_1_NormalDist_Random-Synthe	10000	5	25	[1, 0]	(0.5, 0.5)
ND_LVL_1_2_NormalDist_Random-Synthe	100000	5	25	[1, 0]	(0.5, 0.5)
ND_LVL_1_3_NormalDist_Random-Synthe	1000000	5	25	[1, 0]	(0.5, 0.5)
ND_LVL_1_4_NormalDist_Random-Synthe	10000000	5	25	[0, 1]	(0.5, 0.5)
ND_LVL_2_0_NormalDist_Random-Synthe	1000	10	99	[1, 0]	(0.49, 0.51)
ND_LVL_2_1_NormalDist_Random-Synthe	10000	10	100	[0, 1]	(0.5, 0.5)
ND_LVL_2_2_NormalDist_Random-Synthe	100000	10	100	[1, 0]	(0.5, 0.5)
ND_LVL_2_3_NormalDist_Random-Synthe	1000000	10	100	[1, 0]	(0.5, 0.5)
ND_LVL_2_4_NormalDist_Random-Synthe	10000000	10	100	[1, 0]	(0.5, 0.5)
ND_LVL_3_0_NormalDist_Random-Synthe	1000	20	289	[0, 1]	(0.49, 0.51)
ND_LVL_3_1_NormalDist_Random-Synthe	10000	20	335	[0, 1]	(0.49, 0.51)
ND_LVL_3_2_NormalDist_Random-Synthe	100000	20	367	[0, 1]	(0.5, 0.5)
ND_LVL_3_3_NormalDist_Random-Synthe	1000000	20	392	[0, 1]	(0.5, 0.5)
ND_LVL_3_4_NormalDist_Random-Synthe	10000000	20	400	[0, 1]	(0.5, 0.5)
NormalDist_Random-Synthetic__2_12_58	5886	12	54	[0, 1]	(0.49, 0.51)
NormalDist_Random-Synthetic__2_14_74	7418	14	61	[0, 1]	(0.49, 0.51)
NormalDist_Random-Synthetic__2_6_513	5132	6	17	[0, 1]	(0.5, 0.5)
NormalDist_Random-Synthetic__2_7_728	7283	7	33	[0, 1]	(0.5, 0.5)
NormalDist_Random-Synthetic__2_8_561	5616	8	38	[1, 0]	(0.51, 0.49)
U_LVL0_Uninteresting_Non-Random-Synth	62500	4	20	[0, 1]	(0.5, 0.5)
U_LVL1_0_Uninteresting_Non-Random-Sy	4	2	4	[0]	(1.0,)
U_LVL1_1_Uninteresting_Non-Random-Sy	40	2	4	[0, 1]	(0.5, 0.5)
U_LVL1_2_Uninteresting_Non-Random-Sy	400	2	4	[1, 0]	(0.5, 0.5)
U_LVL1_3_Uninteresting_Non-Random-Sy	4000	2	4	[0, 1]	(0.5, 0.5)
U_LVL1_4_Uninteresting_Non-Random-Sy	40000	2	4	[0, 1]	(0.5, 0.5)
U_LVL2_0_Uninteresting_Non-Random-Sy	3125	5	25	[0]	(1.0,)
U_LVL2_1_Uninteresting_Non-Random-Sy	31250	5	25	[1, 0]	(0.5, 0.5)
U_LVL2_2_Uninteresting_Non-Random-Sy	312500	5	25	[0, 1]	(0.5, 0.5)
U_LVL2_3_Uninteresting_Non-Random-Sy	3125000	5	25	[0, 1]	(0.5, 0.5)
U_LVL2_4_Uninteresting_Non-Random-Sy	31250000	5	25	[0, 1]	(0.5, 0.5)
U_LVL3_0_Uninteresting_Non-Random-Sy	823543	7	49	[0]	(1.0,)
U_LVL3_1_Uninteresting_Non-Random-Sy	8235430	7	49	[0, 1]	(0.5, 0.5)