

# VHamMML Classification Results with Publicly Available Datasets

These results were obtained with VHamMML on 2024-4-2.

Filename	classes	discrete attributes	continuous attributes	total instances	missing values (%)	best balanced accuracy (%)	% of instances removed by purging	command line
anneal.arff	5	25	6	898	63.30	97.09	65.23	./use_vhammml cross -e -p -a 7 -b 14,14 -w -wr vhammml/datasets/UCI/anneal.arff
balance-scale.arff	3	4		625		67.65		./use_vhammml cross -e -a 4 -w -wr vhammml/datasets/UCI/balance-scale.arff
breast-cancer-wisconsin-disc.tab	2	9		699	0.21	95.68		./use_vhammml cross -e -w vhammml/datasets/breast-cancer-wisconsin-disc.tab
contact-lenses.arff	3	4		24		93.33		./use_vhammml cross -e -w -wr -a 2 vhammml/datasets/contact-lenses.arff
credit-g.arff	2	3	17	1000		70.62		./use_vhammml cross -e -w -wr -a 3 -b 1,5 vhammml/datasets/UCI/credit-g.arff
diabetes.arff	2		8	768		75.66		./use_vhammml cross -e -w -wr -a 3 -b 1,6 vhammml/datasets/UCI/diabetes.arff
glass.arff	6		9	214		75.91		./use_vhammml cross -e -w -wr -a 8 -b 12,12 vhammml/datasets/UCI/glass.arff
heart-statlog.arff	2	8	5	270		85.00		./use_vhammml cross -e -a 3 -b 2,2 vhammml/datasets/UCI/heart-statlog.arff
ionosphere.arff	2	2	32	351		93.29		./use_vhammml cross -e -w -wr -a 22 -b 2,15 vhammml/datasets/UCI/ionosphere.arff
iris.arff	3		4	150		98.00		./use_vhammml cross -e -a 2 -b 3,3 vhammml/datasets/UCI/iris.arff
kr-vs-kp.arff	2	36		3196		95.89		./use_vhammml cross -w -e -a 12 vhammml/datasets/UCI/kr-vs-kp.arff
letter.arff	26		16	20000		91.82		./use_vhammml cross -w -e -a 12 -b 2,13 -f 10 -r 10 vhammml/datasets/UCI/letter.arff
letter-train.arff & letter-test.arff	26		16	16000 train, 4000 test		91.58	18.15	./use_vhammml verify -e -p -a 12 -b 2,13 -t vhammml/datasets/UCI/letter-test.arff vhammml/datasets/UCI/letter-train.arff
lymph.arff	4	18		148		89.54		./use_vhammml cross -e -a 9 -bp vhammml/datasets/UCI/lymph.arff
prostata.tab	2		12533	102		94.19		./use_vhammml cross -e -a 3 -b 6,6 vhammml/datasets/prostata.tab
segment.arff	7	1	18	2310		95.97		./use_vhammml cross -e -a 14 -b 13,13 vhammml/datasets/UCI/segment.arff
sonar.arff	2		60	208		88.15		./use_vhammml cross -e -a 59 -b 4,4 vhammml/datasets/UCI/sonar.arff
soybean-large-all.tab	19	35		683	9.50	96.44		./use_vhammml cross -w -e -a 24 vhammml/datasets/soybean-large-all.tab
splice.arff	3	61		3190		91.05		./use_vhammml cross -e -a 9 vhammml/datasets/UCI/splice.arff
vehicle.arff	4		18	846		70.18		./use_vhammml cross -e -a 10 -b 18,18 vhammml/datasets/UCI/vehicle.arff
waveform-5000.arff	3		40	5000		77.66		./use_vhammml cross -e -a 15 -b 2,6 vhammml/datasets/UCI/waveform-5000.arff
wine.tab	3		13	178		96.86		./use_vhammml cross -e -a 12 -b 2,5 vhammml/datasets/wine.tab
zoo.arff	7	17		101		95.71		./use_vhammml cross -w -wr -e -a 13 vhammml/datasets/UCI/zoo.arff