Table 1. The results of AutoML frameworks, H2O (on the left) and Weka (on the right)

#	Dataset	H2O										WEKA								
		Model	Arguments	AUC	Accuracy	Precision	Recall	F-measure	Training time	CPU usage	Memory usage	Model	Arguments	AUC	Accuracy	Precision	Recall	F-measure	Training time	CPU usage	Memory usage
1	Adults	StackedEnsemble_AllModels_5_AutoML (bgm)		0,928394	0,895333	0,984794	0,0121669	0,02403683057	13,387 sec	45%	3,6Gb	weka.classifiers.meta.Bagging	[-P, 26, -I, 56, -S, 1, -W, weka.classifiers.trees.J48, --, -O, -B, -J, -A, -M, 18, -C, 0.5632841244815461]	0,919	0,871	0,866	0,871	0,865	127,898 seconds		
		StackedEnsemble_AllModels_4_AutoML		0,928255					3,395 sec												
		StackedEnsemble_AllModels_2_AutoML()		0,928228					2,434 sec												
2	Banking	StackedEnsemble_AllModels_6_AutoML (glm)		0,938649	0,951918	1	1	1	4,910 sec	75%	2,2Gb	weka.classifiers.meta.Bagging	[-P, 26, -I, 56, -S, 1, -W, weka.classifiers.trees.J48, --, -O, -B, -J, -A, -M, 18, -C, 0.5632841244815461]	0,936	0,918	0,91	0,918	0,911	3,341 seconds		
		GBM_1_AutoML		0,938403					0,755 sec												
		StackedEnsemble_AllModels_3_AutoML (glm)		0,938359					1,073 sec												
3	Cars	GBM_1_AutoML		NaN	0,999422	Nan	Nan	Nan	5,548 sec	54%	2,6Gb	weka.classifiers.functions.MultilayerPerceptron	[-L, 0.4613047590054012 4, -M, 0.4350698946896298 7, -H, t, -S, 1]	0,764	0,7	0,7	1	0,824	1,084 seconds		
		StackedEnsemble_BestOfFamily_4_AutoML																			
		StackedEnsemble_AllModels_5_AutoML																			
4	Amazon_employee_access	StackedEnsemble_AllModels_4_AutoML (glm)		0,9923	0,97858	1	1	0,02403683057	3,794 sec	34%	1,76Gb	weka.classifiers.trees.RandomForest	[-I, 10, -K, 0, -depth, 0]	0,999	0,992	0,992	0,992	0,992	8,963 seconds	41%	1,2Gb
		StackedEnsemble_AllModels_3_AutoML		0,860573					2,540 sec												
		StackedEnsemble_BestOfFamily_4_AutoML		0,859244					1,905 sec												
5	Australian	GBM_2_AutoML		0,946786	0,985507	1	1	0,02403683057	0,227 sec	45%	2,27Gb	weka.classifiers.bayes.BayesNet	[-D, -Q, weka.classifiers.bayes.net.search.local.K2]	0,947	0,874	0,874	0,874	0,874	0,022 seconds	22%	1,2Gb
		StackedEnsemble_BestOfFamily_4_AutoML		0,946501					0,255 sec												
		StackedEnsemble_AllModels_2_AutoML		0,945535					0,260 sec												
6	blood-transfusion-service-center	DeepLearning_grid_1_AutoML		0,760985	0,789365	1	1	0,02403683057	19,249 sec	48%%	2,1Gb	weka.classifiers.lazy.LWL	[-K, 90, -A, weka.core.neighboursearch.LinearNNSearch, -W, weka.classifiers.functions.SimpleLogistic, --, -S, -W, 0]	0,673	0,816	0,802	0,816	0,796	0,001 seconds	2%	0,8Gb
		StackedEnsemble_AllModels_4_AutoML		0,756288					0,356 sec												
		StackedEnsemble_BestOfFamily_4_AutoML		0,755155					0,260 sec												
7	christine	StackedEnsemble_AllModels_1_AutoML (glm)		0,810738	0,91399	1	1	0,02403683057	0,658 sec	55%	2,3Gb	weka.classifiers.trees.RandomForest	[-I, 10, -K, 0, -depth, 0]	0,999	0,982	0,983	0,982	0,982	0,713 seconds	13%	1,2Gb
		StackedEnsemble_AllModels_2_AutoML		0,810566					0,773 sec												
		StackedEnsemble_BestOfFamily_3_AutoML		0,810259					0,977 sec												
8	cnae-9	StackedEnsemble_BestOfFamily_2_AutoM (glm)		NaN	0,967	0,999	0,999	0,02403683057	4,225 sec	52%	1,9Gb	weka.classifiers.trees.RandomForest	[-I, 10, -K, 0, -depth, 0]	0,986	0,843	0,882	0,843	0,85	0,03 seconds	14%	1,6Gb
		StackedEnsemble_BestOfFamily_1_AutoML		NaN					8,139 sec												
		StackedEnsemble_AllModels_1_AutoML		NaN					5,937 sec												
9	fabert	H2O exception: OSError: Job with key $03017f00000132d4ffffffff$_9eac51f4d4e09fa49281d9a199914dd8 failed with an exception: java.lang.AssertionError: Missing metrics for model StackedEnsemt								56%	1,8Gb	weka.classifiers.trees.REPTree	[-M, 6, -V, 2.253028517335035 4E-5, -L, -1, -P]	0,9	0,626	0,675	0,626	0,625	3,253 seconds	11%	0,8Gb
10	helena	Results are not relevant (report is available)										weka.classifiers.trees.RandomForest	[-I, 10, -K, 0, -depth, 0]	1	0,991	0,991	0,991	0,991	22,074 seconds	11%	1,2Gb
11	jannis	Results are not relevant (report is available)										weka.classifiers.trees.RandomForest	[-I, 10, -K, 0, -depth, 0]	0,999	0,987	0,987	0,987	0,987	5,943 seconds	6%	0,8Gb
12	jasmine	StackedEnsemble_AllModels_4_AutoML		0,880937	0,984249	1	1	0,02403683057	0,493 sec	51%	1,72Gb	weka.classifiers.rules.JRip	[-N, 3.7161254683577796, -E, -O, 5]	0,816	0,813	0,854	0,813	0,807	0,329 seconds	7%	1,1Gb
		StackedEnsemble_AllModels_3_AutoML		0,880897					0,459 sec												
		StackedEnsemble_BestOfFamily_7_AutoML		0,880862					4,124 sec												
13	kc1	StackedEnsemble_BestOfFamily_3_AutoML		0,827465	0,934566	1	1	0,02403683057	0,270 sec	48%	2,02Gb	weka.classifiers.lazy.IBk	[-E, -K, 6, -I]	0,989	0,981	0,981	0,981	0,981	0,001 seconds	6%	0,8Gb
		StackedEnsemble_BestOfFamily_4_AutoML		0,825104					0,714 sec												
		GBM_5_AutoML		0,824983					0,261 sec												
14	kr-vs-kp	GBM_2_AutoML		NaN	0,995934				1,207 sec	46%	1,6Gb	weka.classifiers.trees.REPTree	[-M, 1, -V, 0.024603875538970 133, -L, -1, -P]	0,976	0,942	0,944	0,942	0,942	0,02 seconds	6%	1,1Gb
		GBM_grid_1_AutoML		NaN					0,893 sec												
		GBM_grid_1_AutoML		NaN					0,882 sec												
15	mfeat-factors	Results are not relevant (report is available)										weka.classifiers.trees.LMT	[-P, -M, 15, -W, 0, -A]	1	1	1	1	1	14,514 seconds	7%	0,8Gb

16	MiniBooNE	StackedEnsemble_AllModels_1_AutoML		0,985814	0,987868	1	1	0,02403683057	2,793 sec	51%	1,44Gb	weka.classifiers.trees.RandomForest	[-I, 10, -K, 0, -depth, 0]	1	0,994	0,994	0,994	0,994	10,96 seconds	6%	0,6Gb
		StackedEnsemble_AllModels_2_AutoML		0,985791					3,060 sec												
		StackedEnsemble_BestOfFamily_3_AutoML		0,985751					5,496 sec												
17	nomao	StackedEnsemble_AllModels_1_AutoML		0,996174	0,998013	1	1	0,02403683057	1,844 sec	44%	1,88Gb	weka.classifiers.trees.RandomForest	[-I, 10, -K, 0, -depth, 0]	0,996	0,974	0,974	0,974	0,974	0,71 seconds	7%	0,8Gb
		StackedEnsemble_AllModels_3_AutoML		0,99616					2,137 sec												
		StackedEnsemble_AllModels_2_AutoML		0,99615					1,630 sec												
18	credit-g	StackedEnsemble_BestOfFamily_6_AutoML (glm)		0,79396	0,933	1	1	0,02403683057	1,831 sec	52%	1,92Gb	weka.classifiers.lazy.LWL	[-U, 3, -A, weka.core.neighboursearch.LinearNNSearch, -W, weka.classifiers.functions.SimpleLogistic, --, -S, -W, 0, -A]	0,773	0,746	0,729	0,746	0,723	0,0 seconds	6%	1,0Gb
		StackedEnsemble_BestOfFamily_2_AutoML		0,793598					0,362 sec												
		StackedEnsemble_BestOfFamily_3_AutoML		0,792595					0,255 sec												
19	segment	GBM_grid_1_AutoML		NaN	0,987446				5,001 sec	44%	1,29Gb	weka.classifiers.meta.AdaBoostM1	[-P, 87, -I, 58, -Q, -S, 1, -W, weka.classifiers.rules.PART, --, -N, 3, -M, 1, -R, -B]	1	1	1	1	1	1,281 seconds	13%	1,2Gb
		StackedEnsemble_BestOfFamily_4_AutoML		NaN					6,482 sec												
		StackedEnsemble_BestOfFamily_5_AutoML		NaN					86240 sec												
20	sylvine	StackedEnsemble_AllModels_5_AutoML (gbm)		0,98757	1	1	1	0,02403683057	6,868 sec	53%	1,65Gb	weka.classifiers.meta.AdaBoostM1	[-P, 93, -I, 60, -S, 1, -W, weka.classifiers.trees.J48, --, -S, -M, 1]	1	1	1	1	1	1,082 seconds	9%	1,0Gb
		StackedEnsemble_AllModels_2_AutoML		0,987315					0,547 sec												
		StackedEnsemble_AllModels_1_AutoML		0,987173					0,526 sec												
21	AN-SNMP Dataset 2016	StackedEnsemble_AllModels_4_AutoML		0,995					12,769 sec			weka.classifiers.meta.RandomCommittee	[-I, 18, -S, 1, -W, weka.classifiers.trees.RandomTree, --, -M, 1, -K, 0, -depth, 13, -N, 0]	0,849	0,824	0,85	0,85	0,88	0,071 secnds	13%	1,0Gb
		StackedEnsemble_BestOfFamily_3_AutoML										weka.classifiers.trees.RandomForest									
		StackedEnsemble_AllModels_3_AutoML										weka.classifiers.meta.RandomCommittee									