

Dataset	ML task	# Rows	# Numerical features	# Categorical features	Size (in MB)	F1: Baseline	F1: LFE	F1: AutoLearn	Memory: AutoLearn	F1: KGFarm	Memory: KGFarm
Labor	classification	57	8	0	0.004	0.856	0.896	0.898	17.21	<b>0.938</b>	4.39
Hepatitis	classification	155	6	13	0.008	0.747	<b>0.831</b>	0.785	43.06	<b>0.905</b>	4.85
Spectf-heart	classification	80	43	0	0.011	0.941	<b>0.956</b>	0.888	46.77	0.805	4.13
Diabetes	classification	768	8	0	0.024	0.745	<b>0.762</b>	0.652	160.02	0.654	65.18
Pima-indians-subset	classification	768	8	0	0.024	0.74	<b>0.76</b>	0.741	148.85	0.65	10.29
Credit-a	classification	690	6	9	0.046	0.753	0.771	<b>0.888</b>	145.6	0.886	15.07
Ionosphere	classification	351	34	0	0.082	0.931	0.932	0.941	270.42	<b>0.956</b>	68.58
Sonar	classification	208	8	0	0.086	0.808	0.801	0.818	51.54	<b>0.829</b>	27.28
Spambase	classification	4601	57	0	0.704	0.948	0.947	<b>0.949</b>	512.33	<b>0.949</b>	121.79
Madelon	classification	780	500	0	5.2	0.612	0.617	0.705	422.08	<b>0.728</b>	123.67
AP-omentum-lung	classification	203	10936	0	14.9	0.883	0.929	<b>0.941</b>	262.18	0.898	190.34
AP-omentum-ovary	classification	275	10936	0	20.1	0.724	0.811	0.837	317.04	<b>0.879</b>	190.93
Gisette	classification	6000	5000	0	127.8	0.941	0.942	0.969	677.94	<b>0.973</b>	438.94