

Datasets	ML task	# Datapoints	# Numerical features	# Categorical features	Baseline	LFE	KGFarm
Madelon	classification	780	500	0	0.612	0.617	0.728
Spectf-heart	classification	80	43	0	0.941	0.956	0.805
Pima-indians-subset	classification	768	8	0	0.74	0.76	0.65
Spambase	classification	4601	57	0	0.948	0.947	0.949
Hepatitis	classification	155	6	13	0.747	0.831	0.905
Credit-a	classification	690	6	9	0.753	0.771	0.845
AP-omentum-lung	classification	203	10936	0	0.883	0.929	0.898
AP-omentum-ovary	classification	275	10936	0	0.724	0.811	0.879
Labor	classification	57	8	0	0.856	0.896	0.938
Ionosphere	classification	351	34	0	0.931	0.932	0.956
Diabetes	classification	768	8	0	0.745	0.762	0.654
Gisette	classification	2100	5000	0	0.941	0.942	0.973
Sonar	classification	208	8	0	0.808	0.801	0.811
Avg time taken (in seconds)						97.9	10.41