Dataset	Source	C/R	Rows	Features	Base	Our RL_1	Exp-Red	Random
Higgs Boson	UCIrvine	C	50000	28	0.718	**0.729**	0.682	0.699
Amazon Employee	Kaggle	C	32769	9	0.712	**0.806**	0.744	0.740
PimaIndian	UCIrvine	C	768	8	0.721	**0.756**	0.712	0.709
SpectF	UCIrvine	C	267	44	0.686	0.788	**0.790**	0.748
SVMGuide3	LibSVM	C	1243	21	0.740	**0.776**	0.711	0.753
German Credit	UCIrvine	C	1001	24	0.661	**0.724**	0.680	0.655
Bikeshare DC	Kaggle	R	10886	11	0.393	**0.798**	0.693	0.381
Housing Boston	UCIrvine	R	506	13	0.626	**0.680**	0.621	0.637
Airfoil	UCIrvine	R	1503	5	0.752	**0.801**	0.759	0.752
AP-omentum-ovary	OpenML	C	275	10936	0.615	**0.820**	0.725	0.710
Lymphography	UCIrvine	C	148	18	0.832	**0.895**	0.727	0.680
Ionosphere	UCIrvine	C	351	34	0.927	**0.941**	0.939	0.934
Openml_618	OpenML	R	1000	50	0.428	**0.587**	0.411	0.428
Openml_589	OpenML	R	1000	25	0.542	**0.689**	0.650	0.571
Openml_616	OpenML	R	500	50	0.343	**0.559**	0.450	0.343
Openml_607	OpenML	R	1000	50	0.380	**0.647**	0.590	0.411
Openml_620	OpenML	R	1000	25	0.524	**0.683**	0.533	0.524
Openml_637	OpenML	R	500	50	0.313	**0.585**	0.581	0.313
Openml_586	OpenML	R	1000	25	0.547	**0.704**	0.598	0.549
Credit Default	UCIrvine	C	30000	25	0.797	**0.831**	0.802	0.766
Messidor_features	UCIrvine	C	1150	19	0.691	**0.752**	0.703	0.655
Wine Quality Red	UCIrvine	C	999	12	0.380	**0.387**	0.344	0.380
Wine Quality White	UCIrvine	C	4900	12	0.677	**0.722**	0.654	0.678
SpamBase	UCIrvine	C	4601	57	0.955	**0.961**	0.951	0.937