

Classification Metrics

10-Fold Cross Validation Accuracy Score Table

Methods Datasets	Logistic Regression	LDA	Gaussian Naive Bayes	K- Nearest Neighbor			
				K = 1	K = 2	K = 3	K = 4
Iris	0.95333333	0.98	0.95333333	0.96	0.95333333	0.9666667	0.9666667
Digits	0.93102983	0.91981775	0.81035376	0.97614939	0.97671198	0.97778921	0.97282166
Wine	0.95643275	0.98329893	0.96169591	0.74781347	0.67080323	0.72193412	0.66535733
Breast Cancer	0.94914549	0.95622677	0.93867967	0.91580676	0.9120506	0.92633307	0.92091435
Titanic	0.81482692	0.81367807	0.78118091	0.75432669	0.77450119	0.77905941	0.77119254

Regression Metrics

10-Fold Cross Validation Mean Squared Error Values

<div>Methods</div> <div>Datasets</div>	Linear Regression	Ridge Regression					Lasso Regression				
		a=0.1	0.01	0.001	0.0001	0.00001	a=0.1	0.01	0.001	0.0001	0.00001
Diabetes	3000.38103	3000.958	2997.449	2999.009	3000.204	3000.36	3000.623	3004.086	2999.588	3000.283	3000.371
Boston	34.7052559	34.567059	34.68970	34.70368	34.70509	34.71	34.17996	34.45554	34.67408	34.70208	34.70494

10-Fold Cross Validation R2 Values

<div>Methods</div> <div>Datasets</div>	Linear Regression	Ridge Regression					Lasso Regression				
		a=0.1	0.01	0.001	0.0001	0.00001	a=0.1	0.01	0.001	0.0001	0.00001
Diabetes	0.46196236	0.4633241	0.462910	0.462293	0.462004	0.461967	0.463167	0.461787	0.462165	0.461986	0.461965
Boston	0.20252899	0.2151895	0.203962	0.202674	0.202544	0.202530	0.264327	0.230280	0.205711	0.202851	0.202561