## **Most Important Features - Linear Regression** learning learning learning learning learning AbnormalHeartbeat rate rate rate rate rate learning learning learning learning learning Adiacrate rate rate rate rate learning learning learning learning learning ArrowHead rate rate rate rate rate learning learning learning learning learning Beefrate rate rate rate rate learning learning learning learning learning BeetleFlyrate rate rate rate rate learning learning learning learning learning BinaryHeartbeatrate rate rate rate rate learning learning learning learning learning BirdChicken rate rate rate rate rate learning learning learning learning num CBFfilters rate rate rate rate learning learning learning learning learning Carrate rate rate rate rate learning learning learning learning learning CatsDogs -Dataset rate rate rate rate rate learning learning learning learning learning ChlorineConcentration rate rate rate rate rate learning learning learning learning learning CinCECGTorso rate rate rate rate rate learning learning pooling learning learning CounterMovementJump size rate rate rate rate learning learning dropout learning learning DucksAndGeeserate rate rate rate rate learning learning learning learning learning EigenWorms rate rate rate rate rate learning learning learning learning pooling: FaultDetectionB rate rate rate rate max learning learning learning learning learning FiftyWords rate rate rate rate rate learning learning learning learning learning HouseTwenty rate rate rate rate rate learning learning learning learning learning KeplerLightCurves rate rate rate rate learning learning learning learning learning RightWhaleCalls rate rate rate rate rate learning learning learning learning learning classification ozonerate rate rate rate rate GRIJ CMY

## Feature Importance Values - Linear Regression

- 0.9

- 0.8

Feature Importance

- 0.4

- 0.3

- 0.2

	AbnormalHeartbeat -	0.993	0.983	0.997	0.998	0.994
Dataset	Adiac -	0.998	0.976	1.000	0.999	0.998
	ArrowHead -	0.998	0.976	0.999	0.999	0.995
	Beef-	0.997	0.979	1.000	1.000	0.998
	BeetleFly -	0.998	0.978	0.999	0.999	0.987
	BinaryHeartbeat -	0.994	0.981	0.997	0.998	0.999
	BirdChicken -	0.997	0.986	0.996	0.999	0.995
	CBF -	0.241	0.978	1.000	0.999	0.998
	Car-	0.998	0.977	0.999	0.999	0.996
	CatsDogs -	0.995	0.966	0.991	0.998	0.998
	ChlorineConcentration -	0.179	0.987	1.000	0.999	0.993
	CinCECGTorso -	0.995	0.970	1.000	1.000	0.998
	CounterMovementJump -	0.154	0.973	1.000	1.000	0.997
	DucksAndGeese-	0.995	0.989	0.997	0.998	0.277
	EigenWorms -	0.996	0.954	1.000	1.000	0.999
	FaultDetectionB -	0.998	0.973	0.999	1.000	0.212
	FiftyWords -	0.997	0.980	1.000	1.000	0.999
	HouseTwenty-	0.996	0.975	0.999	0.999	0.997
	KeplerLightCurves -	0.999	0.978	0.995	0.999	0.998
	RightWhaleCalls -	0.996	0.976	0.978	0.999	0.986
	classification_ozone -	0.998	0.962	0.999	0.682	0.999
		CHY	FCMM	GRIJ	STM	storner

Model Model