Feature ranker performance - classification
→ Mean accuracy validation score over all bootstraps

dataset	ANOVA F-value	Boruta	Chi-Squared	Decision Tree	FeatBoost	Infinite Selection	MultiSURF	Mutual Info	ReliefF	Stability Selection	TabNet	XGBoost
Climate Model Simulation	0.938	0.918	0.938	0.934	0.937	0.935	0.937	0.929	0.932	**0.939**	0.927	0.935
Cylinder bands	0.866	0.781	0.867	0.867	**0.874**	0.835	0.833	0.865	0.854	0.839	0.860	0.867
Iris Flowers	0.974	0.803	0.975	0.973	0.975	0.960	0.976	0.976	0.975	0.957	0.959	**0.977**
Madelon	0.774	0.499	0.784	0.800	**0.826**	0.792	0.768	0.758	0.782	0.555	0.538	0.767
Multifeat Pixel	0.683	0.389	0.655	**0.856**	0.805	0.677	0.664	0.678	0.683	0.543	0.804	0.822
Nomao	0.933	0.732	0.934	0.943	0.937		0.931	0.931	0.932	0.918	0.935	**0.943**
Ozone Levels	0.932	0.926	0.934	0.932	0.933	0.933	0.931	0.932	**0.939**	0.933	0.929	0.935
Phoneme	0.796	0.791	0.796	**0.800**	0.789	0.792	0.783	0.791	0.787	0.787	0.787	0.799
Synclf easy	0.765	0.780	0.774	0.793	0.788	0.792	0.793	0.759	0.792	0.785	0.790	**0.794**
Synclf hard	0.562	0.560	0.562	0.561	0.551	0.558	**0.564**	0.544	0.563	0.559	0.554	0.563
Synclf medium	0.588	0.697	0.591	0.699	0.692	0.702	**0.703**	0.636	0.703	0.661	0.696	0.699
Synclf very hard	0.462	0.483	0.460	0.484	0.483	0.481	**0.487**	0.448	0.485	0.482	0.465	0.485
Texture	0.920	0.871	0.923	0.928	0.929		**0.931**	0.928	0.922	0.900	0.925	0.930
Wall Robot Navigation	0.866	0.781	**0.867**	0.867	0.838	0.835	0.833	0.865	0.854	0.838	0.860	0.867

ranker

relative performance color scale: (x^5)

0.9

0.7

0.5