Algorithm Stability

→ Mean stdev of feature importances. Lower is better.

\*\*Model Simulation - 0.023 0.023 0.043 0.007 0.010 0.342 0.018 0.010 0.024

Climate M	odel Simulation –	0.023	0.023	0.043	0.007	0.010	0.342	0.018	0.010	0.024	0.049	0.029	relative performance
	Cylinder bands –	0.004	0.004	0.002	0.002	0.000	0.001	0.001	0.001	0.007			color scale:
	Iris Flowers –	0.027	0.014	0.163	0.051	0.005	0.043	0.015	0.012	0.002	0.121	0.109	(x^0.2)
	Madelon –	0.002	0.001	0.003	0.000	0.000	0.002		0.001	0.001	0.008	0.002	1.0
	Multifeat Pixel –	0.000	0.000	0.006	0.001	0.000	0.000	0.000	0.000	0.001	0.009	0.004	0.6
	Nomao –	0.000	0.000		0.001		0.001	0.000	0.000	0.000	0.020	0.004	
dataset	Ozone Levels –	0.002	0.002		0.002	0.001	0.015	0.002	0.001	0.002		0.010	0.2
data	Phoneme –	0.020	0.025	0.019	0.013	0.030	0.029	0.008	0.009	0.023	0.044	0.014	
	Synclf easy –	0.000	0.001	0.004	0.021	0.001		0.002	0.003	0.015	0.027	0.003	
	Synclf hard –	0.002	0.003	0.003	0.005	0.000	0.004	0.001	0.003			0.002	
	Synclf medium -	0.006	0.005	0.005	0.006	0.001	0.009	0.001	0.005	0.017		0.003	
S	Synclf very hard –	0.003	0.004	0.004	0.001	0.000	0.004	0.001	0.003			0.001	
	Texture –	0.001	0.001		0.002		0.002	0.000	0.001	0.002	0.027		_
Wall Ro	obot Navigation –	0.004	0.004	0.002	0.007	0.000	0.001	0.001	0.001	0.007	0.028		
		ANOVA F-value-	Chi-Squared –	Decision Tree –	FeatBoost –	Infinite Selection –	ranker -	Mutual Info –	ReliefF –	Stability Selection –	TabNet –	XGBoost	_