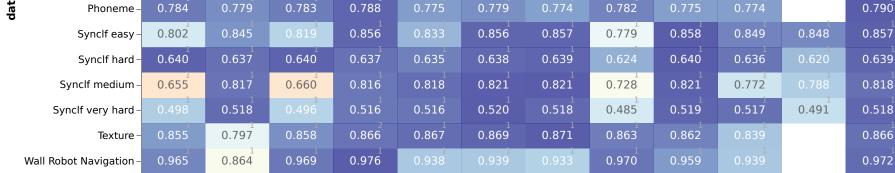
Feature ranker performance → mean validation score over all bootstraps relative 0.914 0.869 0.914 0.910 0.915 0.906 0.917 0.909 0.910 0.915 0.909 Climate Model Simulation performance (scale: x^5) 0.965 0.864 0.969 0.976 0.975 0.970 0.972 Cylinder bands -0.965 0.813 0.967 0.969 0.968 0.971 0.972 0.969 0.967 Iris Flowers -0.688 0.684 0.497 0.695 0.752 0.749 0.700 0.702 0.546 Madelon -0.649 0.368 0.623 0.787 0.648 0.605 0.648 0.649 0.515 Multifeat Pixel 0.777 0.931 0.939 0.930 0.929 0.929 0.939 0.930 0.934 0.9 Nomao dataset 0.909 0.911 0.914 0.913 0.908 0.910 0.910 0.917 0.915 0.916 Ozone Levels -0.784 0.779 0.783 0.788 0.779 0.782 0.790 Phoneme -0.802 0.845 0.856 0.856 0.857 0.779 0.858 0.849 0.848 0.857 SyncIf easy -0.7 0.637 0.637 0.638 0.639 0.640 0.636 Synclf hard -0.640 0.640 0.635 0.639 0.5

TabNet

XGBoost

Selection

Stability



FeatBoost

Infinite Selection

ranker

MultiSURF

Mutual Info

F-value

ANOVA

Boruta -

Chi-Squared

Decision Tree