

Supplemental Table 2: AutoPrognosis 2.0 algorithm inventory

List of algorithms currently included in *AutoPrognosis 2.0*, grouped by pipeline stage. Algorithms highlighted in bold represent the default selections, selected for their speed and efficiency (detailed at AutoPrognosis 2.0 website: <https://www.autoprognosis.vanderschaar-lab.com/>).

Pipeline Stage	Algorithms				
Feature Scaling	MaxAbs	Standard Scaler	L2 Normalizer	Normal Transform	Uniform Transform
	MinMax	None			
Feature Selection	Feature Agglomeration	Fast ICA	Variance Threshold	Gaussian Projection	PCA
	Data Cleanup	None			
Imputation	Sinkhorn	EM	(M)ICE	ICE	HyperImpute
	Most-Frequent	Median	MissForest	SoftImpute	None
	Mean	Gain			
Classifiers	XGBoost	CatBoost	KNN	ADABOOST	Bernoulli Naïve Bayes
	Neural Nets	Linear SVM	QDA	Decision Trees	Logistic Regression
	Hist Gradient Boosting	ExtraTree	Bagging	Gradient Boosting	Ridge Classifier
	Gaussian Process	Perceptron	LGBM	Random Forest	TabNet
	Multinomial Naïve Bayes	LDA	Gaussian Naïve Bayes		