Analysis class & Numerical feature selection	Methods	Filter by	Color by	Point-based	Built-in modeling methods
Univariate — Select *one* feature from a feature group; selecting one resets others.	Feature Comparison	✓	✓	✓	Effect size calculation (Glass' Delta & Cohen's d)
	Feature Histogram	✓	✓	✗	Gaussian Mixture Model & Heterogeneity-index
Bivariate — Two univariate selectors; the first selected feature is removed from the second selector.	2D Feature Distribution	✓	✓	✓	2D Gaussian Mixture Model & Linear Regression
Choose a channel and a harmonic to select phasor coordinates.	Phasor Analysis	✓	✓	✓	K-means Clustering
Multivariate — Multi-select per group; special *All* option introduced to include all features in a group.	Dimension Reduction	✓	✓	✓	PCA, t-SNE, UMAP with user-adjustable hyperparameters
	Classification	✓	✓*	✗	Random Forest, SVM, Logistic Regression, Gradient Boosting