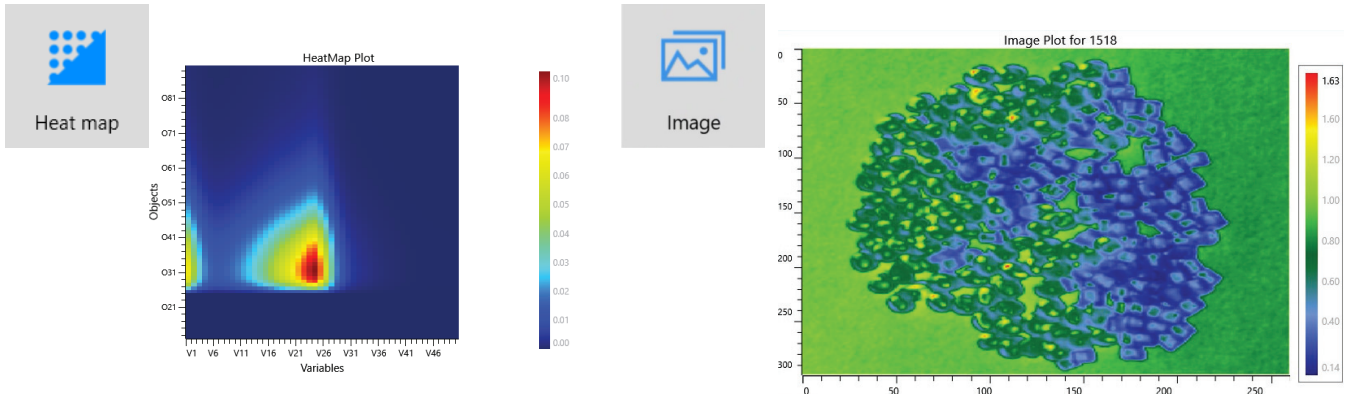


VEKTOR DIREKTOR™

Multivariate Analysis With Direction and Purpose

What's New in Version 2.0?

Heatmap and Image Plotting



New Preprocessing Methods

Scaling

- Centering Options
 - Mean Centre
 - Median Centre
 - Class Centre
- Scaling Options
 - Std Deviation
 - Poisson Scaling
 - Pareto Scaling

Weighting

Apply Weighting, Offset and Scaler weighting to selected variables.

- Weighted Offset
 - Weight:
 - Offset:
- Scalar

- Class Centring.
- Poisson Scaling
- Pareto Scaling

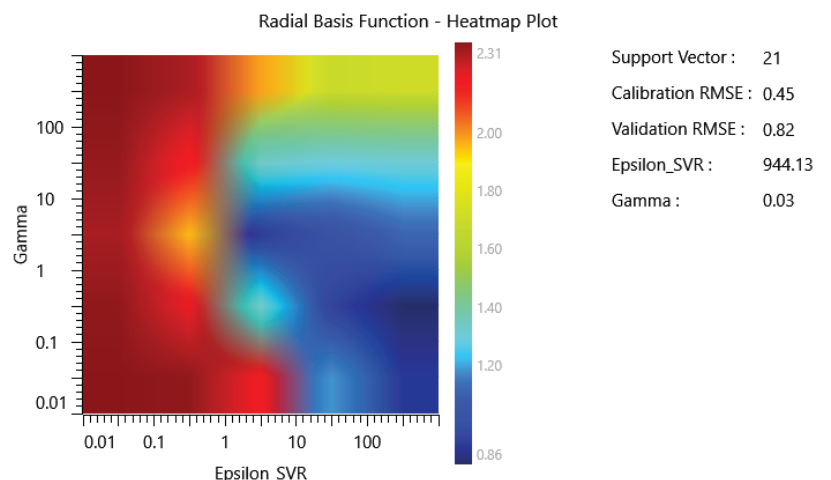
These methods are excellent for scaling instruments that generate count data.

New Analysis Methods: Machine Learning Made Easy!



- Support Vector Machine Regression and Classification
- Extreme Gradient Boosting Regression and Classification

Interactive model setup and controls make it the easiest implementation of these methods in a software package!



Compression Methods

Use PCA and PLSR Model Scores as inputs into MLR, SVM and XGBoost Methods.

Object Ranges *i*

X Variable Ranges *i*

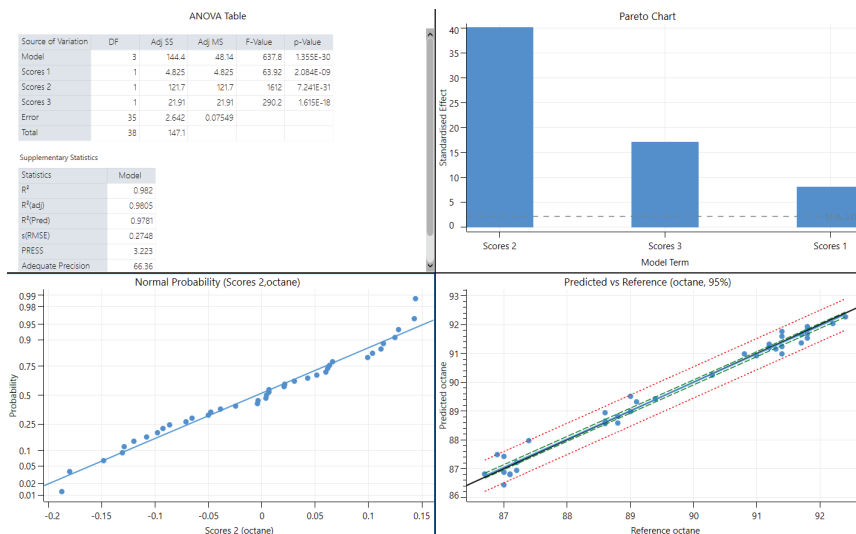
Y Variable Ranges →

Include Higher Order Model Terms

Use PCA/PLSR Compression

i

Number of Components



General Improvements

- Guided Wave (.json) file import.
- Improved Application of Preprocessing Templates when compiling an Analysis method.
- Customised Analysis Plot Layout Templates.
- Audit Trails can be saved in PDF format.
- Class Variables can be applied to Prediction data.
- Axis formatting added to all Analysis plots

