

Transition from CST to STAT

What happens?

The CST (curve statistics) module is discontinued. Its functionality (statistical analysis of curve data is replaced by the new STAT (statistics) module.

Why?

The CST (curve statistics) module is discontinued for the following reasons:

- The underlying scripting platform (MAT1) is obsolete and replaced by a newer version which is not fully backwards compatible.
- The features we (and most of our beta testers) expect from a statistical module were not achievable with the old scripting platform.
- The workflow and user interface of the CST was not satisfactory and limited by the scripting platform.
- The new scripting platform (MAT2) provides more possibilities to implement features and is future-proof.

Feature comparison

Feature	CST	STAT
Statistical overview of curve data	yes	yes
Statistical overview of scalar data	no	yes
Limit calculation	yes, parameter-based	yes, parameter-based and interactive
View cross section of curve data (distribution of curves at one specific point on the abscissa)	no	yes
Measures of test objects are connected by serial number (e.g. view the RBz curve of a test object identified by its THD curve)	no	yes
Serial number based-identification of test objects	yes	yes
Compare differences of pools of test objects	Only manually and as absolute plot (copy&paste the mean curve to another chart)	Yes, as absolute plot and deviation of one pool to another
Text export	yes	yes
Organization of test objects	Test objects can be removed	Test objects are organized in pools, the display may be organized
Quality of UI	not intuitive	good
Workflow	not fluent	good
Identify the serial number of a test object by point&click	no	yes, depends on the display of the individual data (base data)

		which is not recommended to over 1000 curves
Sorting test objects	Manually by serial number, by limits	Manually by serial number, by limits (interactively definable)
Klippel Rnd and QC data	QC data – RnD data only spectra	QC and RnD data

Release state of STAT

The STAT module is released in summer 2018 as beta. Customers who are currently using the CST module are kindly asked to change to the STAT module. Temporary licenses can be provided by Klippel to ensure a smooth transition.

STAT is expected to be publicly released early 2019. In the final release an additional add-on for the STAT is available for automatic pool assignment (ADC – automatic defect classification).