










# The 7 Most Frequent Errors in Statistical Packages



Several statistical packages are available on the market to make a wide range of statistical evaluations. Generally, these packages do not focus on the topics of the quality management. In order to cover this market segment, these packages have been supplemented by the respective functionalities in the meantime.




<b>Error</b>	The menu navigation is complex and unclear.
	
<b>Consequence</b>	The user always has to search for the right function and where it is to find. Users who do not frequently apply the software package might use it incorrectly or might always do something different. Thus, the results are often not comparable anymore.
	
<b>Solution</b>	Use destra <sup>®</sup> and the respective functions are sorted by quality management task group. destra <sup>®</sup> also ensures an easy navigation. Users do not have to know which test they need to select because destra <sup>®</sup> leads them to the right one. They just need to enter the task using the intuitive menu navigation.
	




<b>Error</b>	The graphic display is bad.
	
<b>Consequence</b>	The desired contexts cannot be clearly identified.
	
<b>Solution</b>	The Q-DAS <sup>®</sup> product destra <sup>®</sup> stands out due to its excellent graphics. This is the reason why users working in the quality management field have no problems using this package and are geared to the standard quality management nomenclature.
	




<b>Error</b>	Normally, statistical packages do not have online interfaces to measuring devices and operators rarely use them. Thus, external data is required for evaluation. Local data or data from datasets can only be loaded using a converter.
	
<b>Consequence</b>	The manual data recording is error-prone. For a holistic view, a huge effort is required to merge data from different databases.
	
<b>Solution</b>	In destra <sup>®</sup> , almost 200 online interfaces to measuring devices are available. destra <sup>®</sup> also provides the values in the AQDEF format and saves them into files or database. Thus, it can also read all data of other Q-DAS <sup>®</sup> products or measuring devices from different manufacturers provided in the AQDEF format. Today, the AQDEF format is an industry-wide standard and facilitates holistic views. Due to destra <sup>®</sup> , every division (production, test, development or design) can access the important information of the database.
	




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<b>Error</b>	The menu navigation is difficult.
	
<b>Consequence</b>	Users who do not frequently apply the software package have problems in using it. This may already be the case immediately after introduction courses or instructions to the software. The package becomes inapplicable for any standard user.
	
<b>Solution</b>	By using destra <sup>®</sup> , particularly Q-DAS <sup>®</sup> customers will cope with the package easily. Due to the intuitive navigation, they can do their tasks quickly.
	

<b>Error</b>	Normally, statistical packages do not include automated evaluations.
	
<b>Consequence</b>	You have to evaluate data manually. Evaluations cannot be validated.
	
<b>Solution</b>	Use Q-DAS <sup>®</sup> products to make preconfigured evaluations. You only need to load the dataset and the data is evaluated automatically afterwards. Different report and screen masks are available to display the results.
	

<b>Error</b>	Many statistical packages are only available in English and few other languages.
	
<b>Consequence</b>	To conglomerates located in many countries, these packages are not available in the respective language.
	
<b>Solution</b>	destra <sup>®</sup> is available in more than 20 languages.
	

<b>Error</b>	Statistical packages are often sold by distributors who can hardly offer expert advice.
	
<b>Consequence</b>	The users of statistical packages do not receive qualified support when required.
	
<b>Solution</b>	Q-DAS <sup>®</sup> products are sold by own subsidiaries or qualified partners in more than 35 countries. They can always provide qualified support.
	

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**Many of the errors listed above can be avoided by using the Q-DAS® software destra®!**

Here you can find more information about statistical packages:

- [Book: "Statistical Procedures for Machine and Process Qualification" including company guidelines](#)
- [AQDEF – Automotive Quality Data Exchange Format](#)
- [Seminars](#)
- [Hotline](#)