



FST Analysis

High throughput Forced Swim Test Analysis

This software is designed to automate the forced swim test. The software analyzes the video image of up to eighth animals simultaneously and automatically calculates the time spent struggling, swimming and floating as suggested by newly enhanced approaches.

Real time individual and group performance calculation

During the experiment the acquired data are calculated and displayed graphically in real time. Thus you are able to really see what is going on.

Data analysis

The integrated data analysis offers extensive possibilities to analyze and visualize the data. You can for example group the data of different animals of several experiments and perform intra- and inter-group calculations and comparisons.

Extensive statistical functions

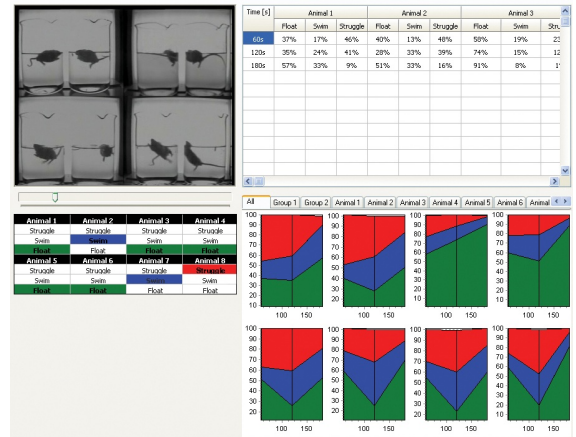
The software offers a big number of statistical tests to analyze the acquired data. You don't need to go through the data with other programs. Just select the statistical function or test you want to be calculated and see the results instantly. One behavioral test - one software.

Further processing of data and diagrams

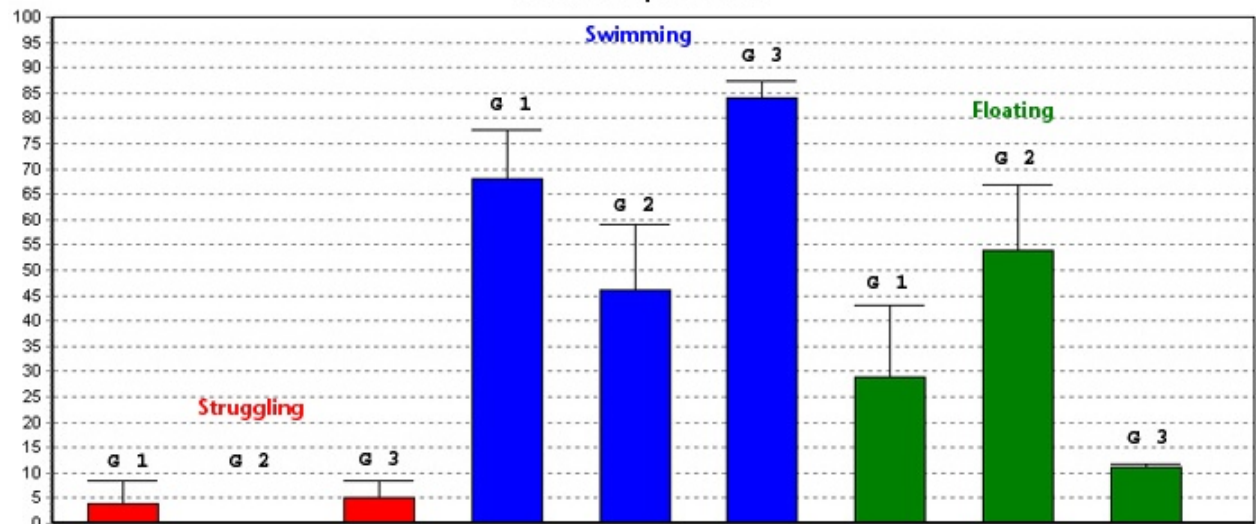
The collected data can be exported for other applications. Further individual data manipulations can be conducted. All diagrams that have been generated during the experiment or the data analysis are saved in the vector graphic format (wmf) thereby making them easy to integrate and work with in other programs.

Report generator

The integrated Acrobat pdf based report generator makes it possible to create customized and standardized experiment reports in no time. The reports are fully customizable. You can define what data are presented in which way.



Inter-Group Relation



This figure shows the behaviors for three different groups and you can easily compare the data.

Please visit our website www.biobserve.com for more information about this system and a program tour. Do not hesitate to contact us if you have further questions about our solutions.