Row Averages with Histogram

Author: Autumn Laughbaum, James Grover, Golden Helix, Inc.

Overview

This script will allow you to select a set of numeric (real or integer) columns from the current spreadsheet, then compute the row averages of this selection of columns and create a histogram of these averages.

This function can be useful for processing LogR spreadsheets to investigate for possible CNVs.

Note: All (numeric real and numeric integer) spreadsheet data is available and selectable as input to this utility, whether or not the data is flagged as being "active".

Recommended Directory Location

Save the script to the following directory:
*..**\Application Data\Golden Helix SVS\UserScripts\Spreadsheet\Scripts**

Note: The **Application Data** folder is a hidden folder on Windows operating systems and its location varies between operating systems. The easiest way to locate this directory on your computer is to open SVS and go to **Tools >Open Folder > UserScripts Folder** and save the script in the **\SVS\Spreadsheet\Scripts** folder. If saved to the proper folder, this script will be accessible from the spreadsheet **Scripts** menu.

Using the Script

1. From a spreadsheet with numeric columns, choose **Scripts > Row Averages with Histogram**.

2. You will be prompted to choose columns to be included in the calculation of averages.

A spreadsheet will be created that contains copies of the specified columns, followed by a final column containing the row means. A histogram of the row means is also created.