

Frequency Table

Author: Autumn Laughbaum, Golden Helix, Inc.

Overview

This script will calculate the frequency distribution of two columns in a spreadsheet. The script can be accessed through the scripts menu and will prompt the user to select two non-real columns.

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 XP and Vista. The easiest way to locate this directory on your computer is to open SVS and go to **Tools >Open Folder > UserScripts Folder**. If saved to the proper folder, this script will be accessible from the spreadsheet **Scripts** menu.

Using the Script

1. From a spreadsheet containing at least two non-real columns, choose **Scripts >Frequency Table**.
2. You will be prompted to choose two columns from which frequencies of pairs will be calculated

The resulting output will contain all of the combinations as pairs of data in the form of:

$$(\text{firstColumn}[i], \text{secondColumn}[j]): N$$

where i corresponds to the group in the first column, j to the group in the second column and N is the frequency of data within that group-combination.