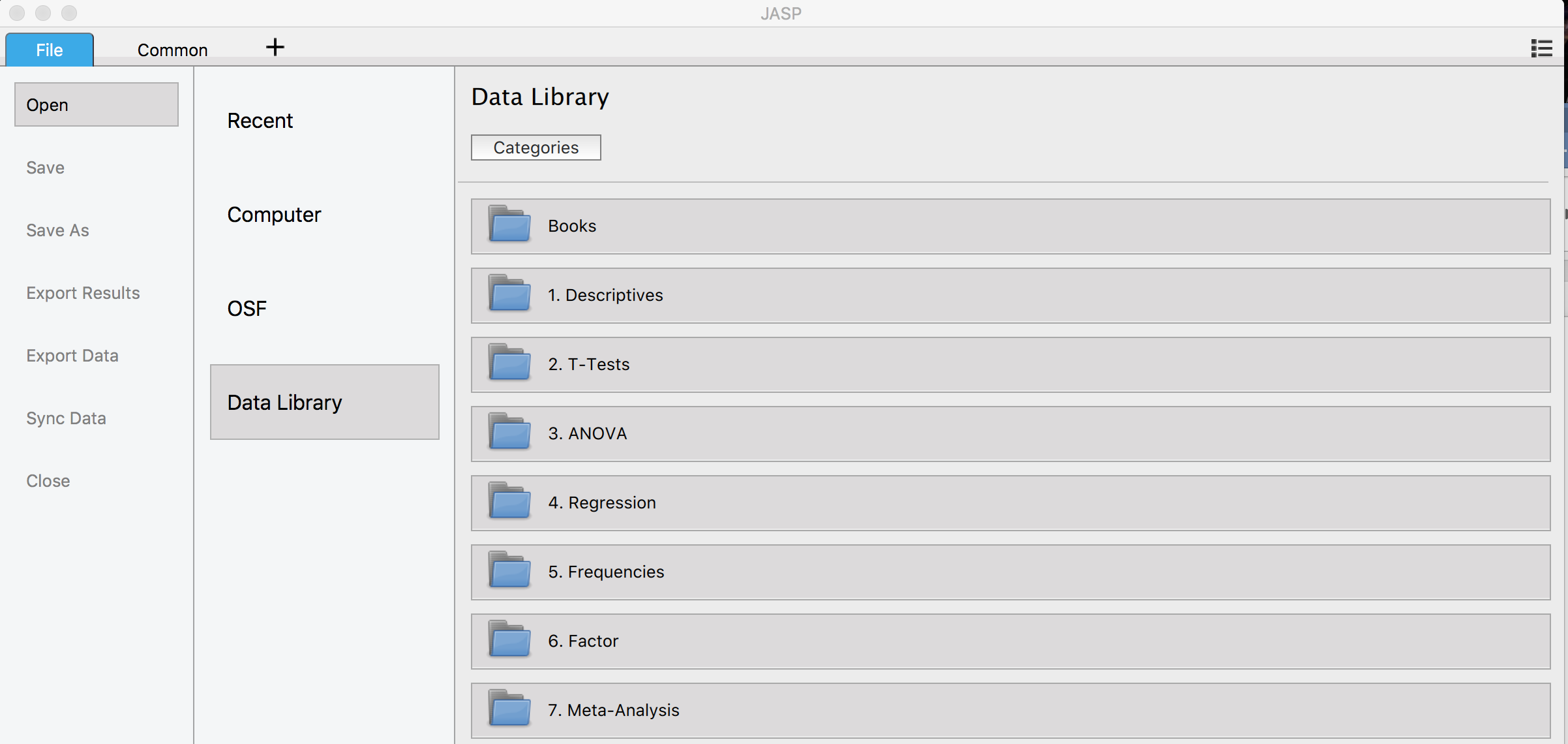
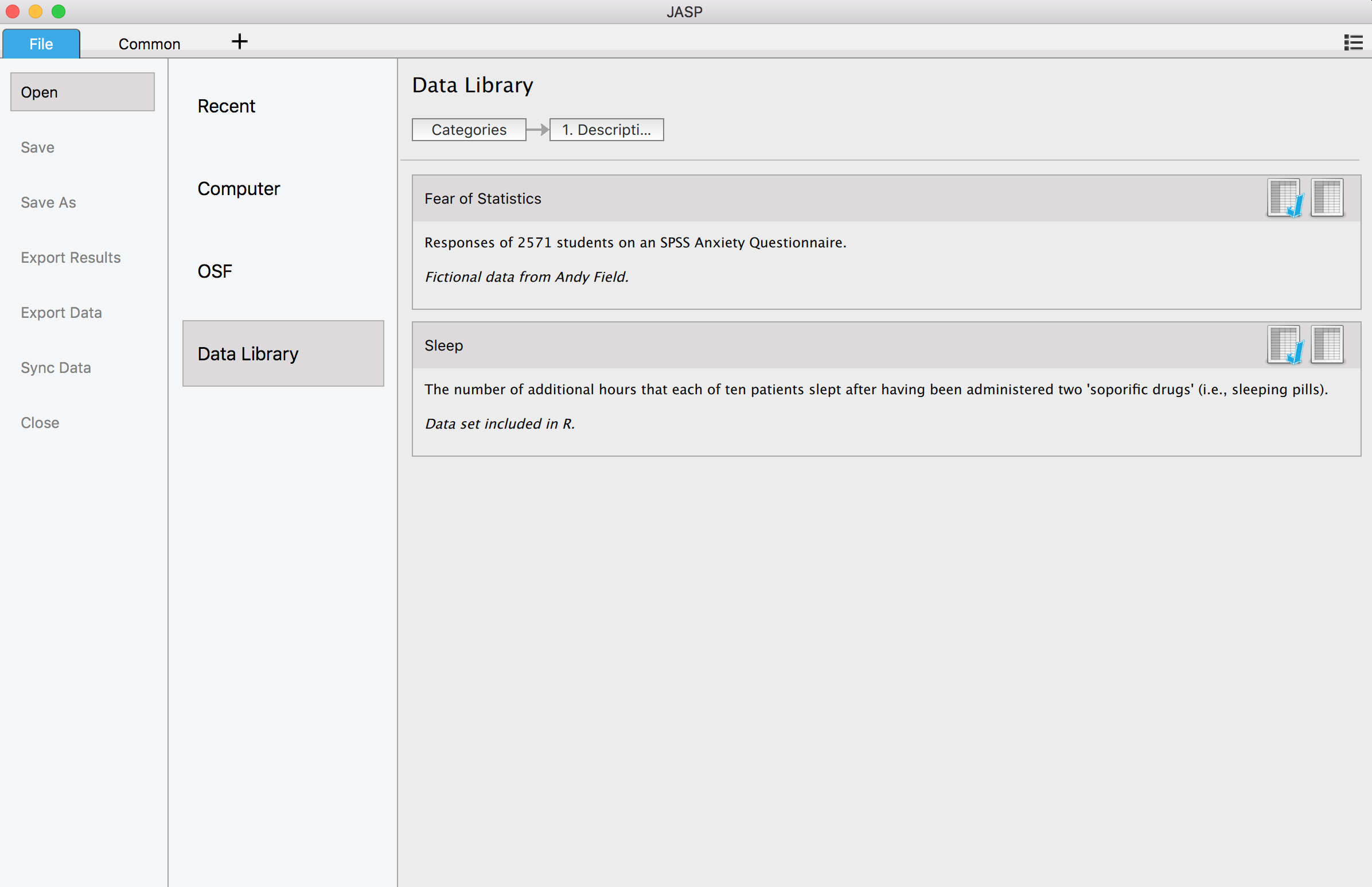
# **Descriptive Statistics in JASP:**

Click “File” 🡪 “Open” 🡪 “Data Library” to get started with a practice dataset included in JASP. If you have an excel file or .csv you can use the Computer option to select that file.

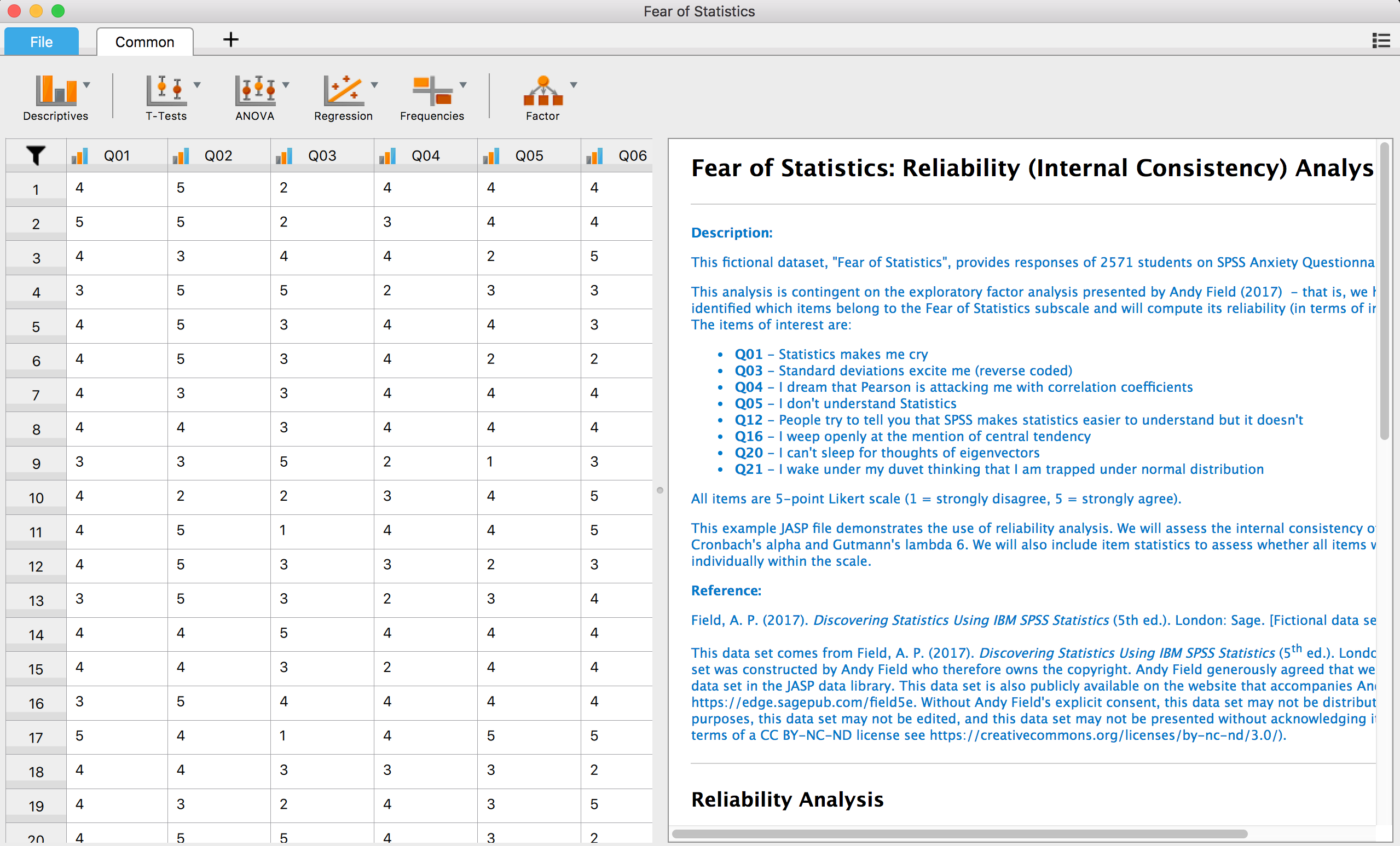


The specific file we want is “Fear of Statistics”, which is located in the “1. Descriptives” Folder.

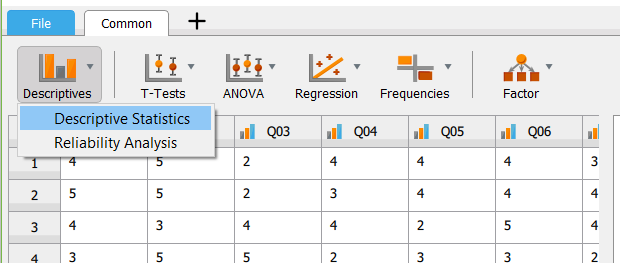


Double click on the J icon  to open the dataset in JASP. Note that JASP opens a new window for every new dataset you open.

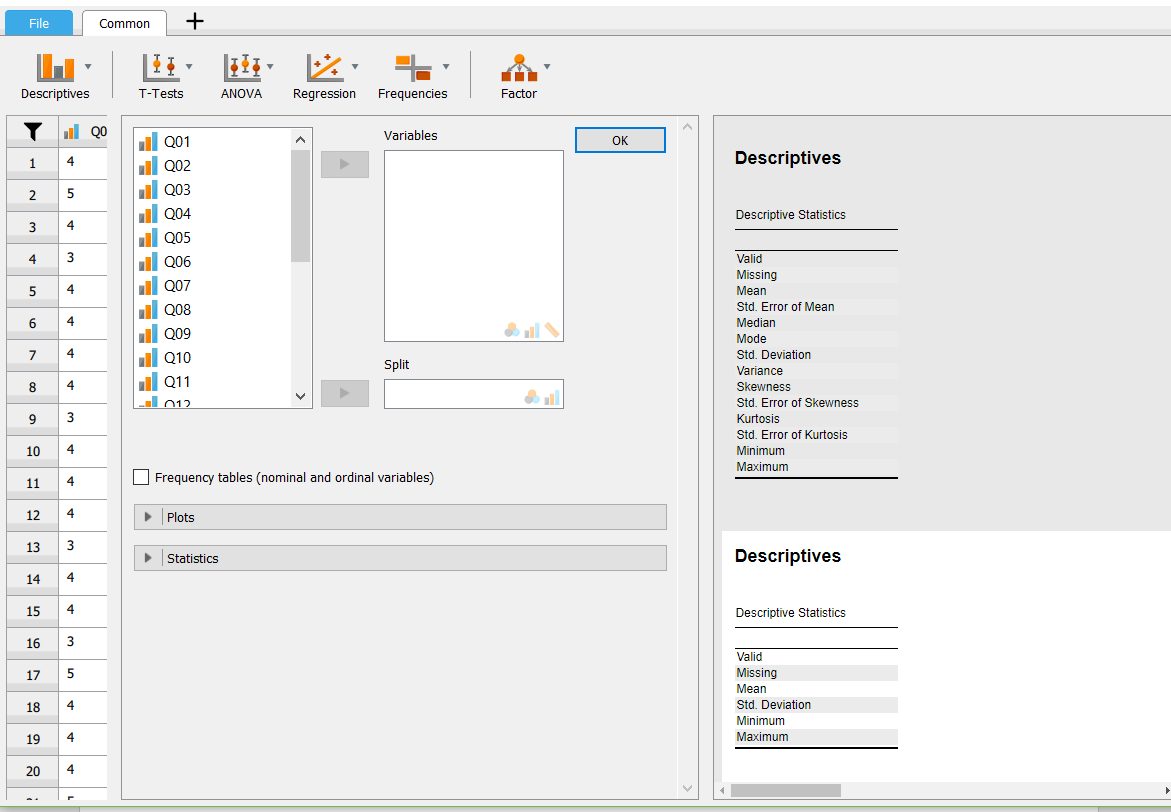
Here’s the dataset we selected:



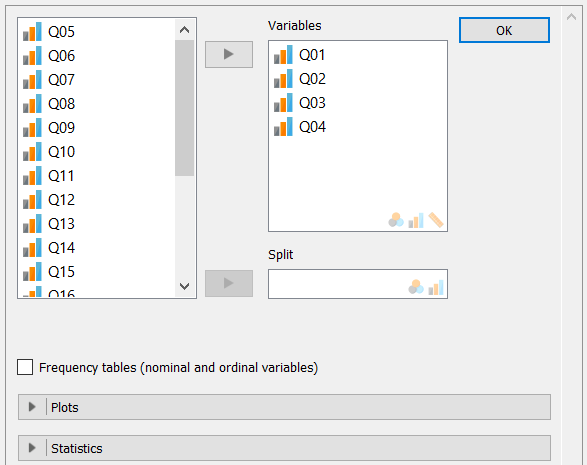
To get descriptive statistics for each variable (column), we can click on “Descriptives” 🡪 “Descriptive Statistics”.



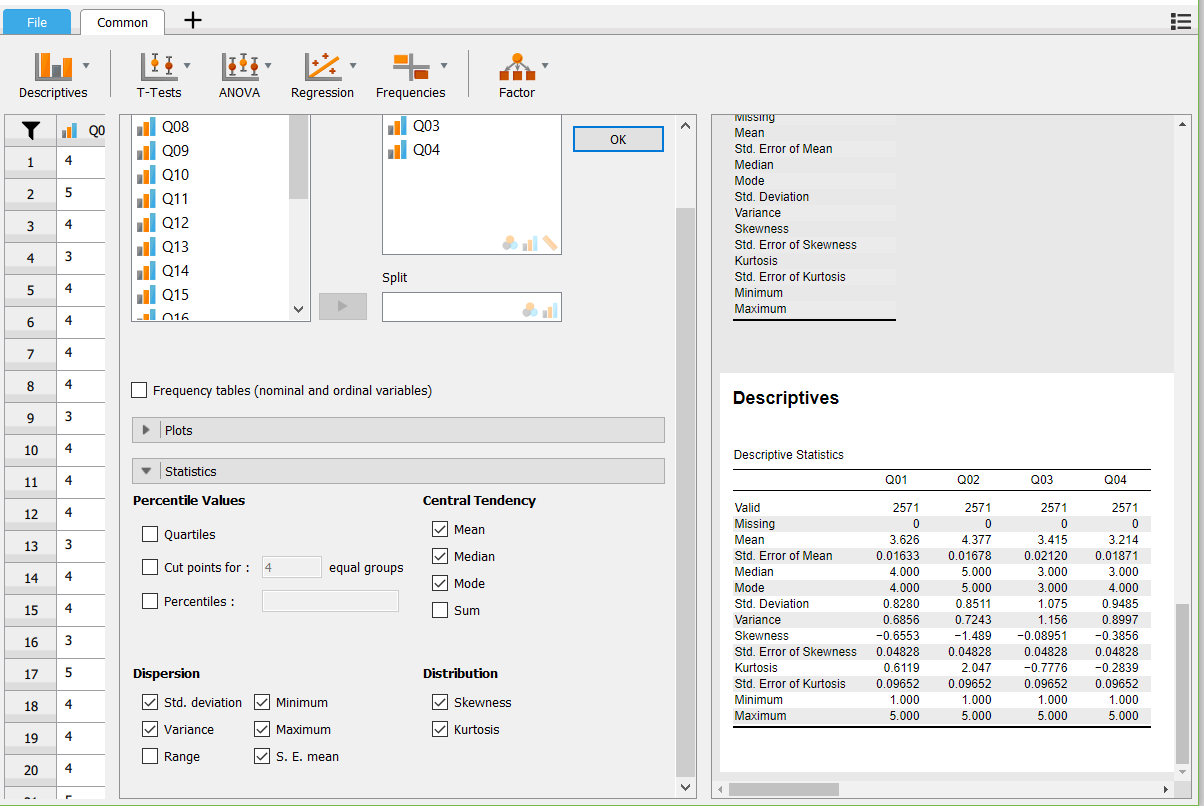
Here is the new window it will pull up:



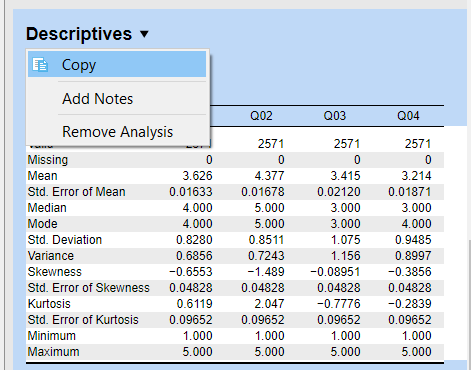
From here select the variables you want to analyze and click the arrow to move them over to the box on the right. For this example, I’m just going to select Q01, Q02, Q03, and Q04. (Side-note: if you need to select a bunch of variables that are all in order, you can click on the first one, hold down the shift key and then click on the last one; this will select the first and last variable, plus all of the ones in-between. If you need to select a few variables that aren’t grouped together, you can hold down the ctrl key while selecting the ones you need so you can move them all at once.)



To actually get the stats you need click on the arrow to the left of “Statistics”, and select all of the options you want. Some of the most common descriptive stats you will use are mean, median, mode, range, variance, standard error (SE) of the mean, skew, and kurtosis. To practice let’s select all of those and see what we get. (Note: JASP default selects the min. and max. values to be included in the output, but if you don’t want or need them you can always unselect them.)



Just like that, we have all of the descriptive stats we need! Now to save that, click the down arrow next to “Descriptives” in the output window, click “Copy”.



Now you can go to Microsoft Office Word (or a similar program), open new blank document, right click (or use Ctrl + V) to paste the output into the blank document.

**Descriptives**

| **Descriptive Statistics** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Q01** | | **Q02** | | **Q03** | | **Q04** | |
| **Valid** |  | 2571 |  | 2571 |  | 2571 |  | 2571 |  |
| **Missing** |  | 0 |  | 0 |  | 0 |  | 0 |  |
| **Mean** |  | 3.626 |  | 4.377 |  | 3.415 |  | 3.214 |  |
| **Std. Error of Mean** |  | 0.01633 |  | 0.01678 |  | 0.02120 |  | 0.01871 |  |
| **Median** |  | 4.000 |  | 5.000 |  | 3.000 |  | 3.000 |  |
| **Mode** |  | 4.000 |  | 5.000 |  | 3.000 |  | 4.000 |  |
| **Std. Deviation** |  | 0.8280 |  | 0.8511 |  | 1.075 |  | 0.9485 |  |
| **Variance** |  | 0.6856 |  | 0.7243 |  | 1.156 |  | 0.8997 |  |
| **Skewness** |  | -0.6553 |  | -1.489 |  | -0.08951 |  | -0.3856 |  |
| **Std. Error of Skewness** |  | 0.04828 |  | 0.04828 |  | 0.04828 |  | 0.04828 |  |
| **Kurtosis** |  | 0.6119 |  | 2.047 |  | -0.7776 |  | -0.2839 |  |
| **Std. Error of Kurtosis** |  | 0.09652 |  | 0.09652 |  | 0.09652 |  | 0.09652 |  |
| **Minimum** |  | 1.000 |  | 1.000 |  | 1.000 |  | 1.000 |  |
| **Maximum** |  | 5.000 |  | 5.000 |  | 5.000 |  | 5.000 |  |
|  | | | | | | | | | |