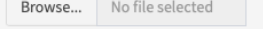

ShinyFlow

ShinyFlow is a web app for easy and quick inspection and plotting of .fcs files from flow-cytometry data (i.e FlowJo). Its main functions are raw data visualization and a scatterplot of selected channels with density distributions for both channels. A Mann-Whitney test is carried out for testing the difference in distributions of a selected channel based on 2 populations.

Instructions for ShinyFlow

Select mutation file with the Browse () button on the top left of the page.

Once selected upload it with the load data function (). This will render both table and plot.

In the '**Table**' window you can explore the raw data.

In the '**MarginalPlot**' window you can select the two channels to be visualized in the plot.

In the left panel you can select the threshold to be used for splitting the 2 populations based on the x-axis channel (log10 scale).

Once this has been set, a test is carried out for the difference between the two populations' distributions for the y-axis channel.

Once you're happy, write the name you want your files to be saved as, and download!

Questions? Please get in touch for enhancing the tool if you have comments or suggestions!