1. Prepare your data

The analyzer accepts input files in **.CSV** or **.TXT** format, with values separated by commas, tabs, or semicolons. Each signal column should be assigned a descriptive name; otherwise, the pressure column must be selected manually within the analyzer. Recognized column names include **RVP, LVP, Pressure, RVV, LVV**, among others. Columns containing time values are ignored. The sampling rate must be specified directly in the analyzer.

Example input files may look as follows:

```
Time,RVP,RVV
0.004,23.63,158.08
0.008,23.63,158.08
0.012,23.63,158.08
0.016,23.63,158.08
0.02,23.63,158.08
0.024,23.63,158.08
0.028,23.62,158.08
0.032,23.61,158.08
0.036,23.6,158.08
0.04,23.58,158.08
```

```
Time    RVP     RVV     CO
0       5.33867 92.0506 2.48024
0.01    6.6846  92.1808 2.48024
0.02    8.32658 92.2336 2.48024
0.03    10.2139 92.1713 2.48024
0.04    12.2827 91.9885 2.48024
0.05    14.4309 91.6953 2.48024
0.06    16.5456 91.2684 2.48024
0.07    18.5055 90.724  2.48024
0.08    20.213  90.1073 2.48024
0.09    21.5984 89.4048 2.48024
0.1     22.65   88.544  2.48024
0.11    23.3763 87.4853 2.48024
0.12    23.795  86.2356 2.48024
0.13    23.9813 84.8094 2.48024
```

```
LVP
0.6197906
0.7888015
0.9568036
1.125159
1.29764
1.469773
1.640648
1.811289
1.983342
2.155825
```

2. Upload your data

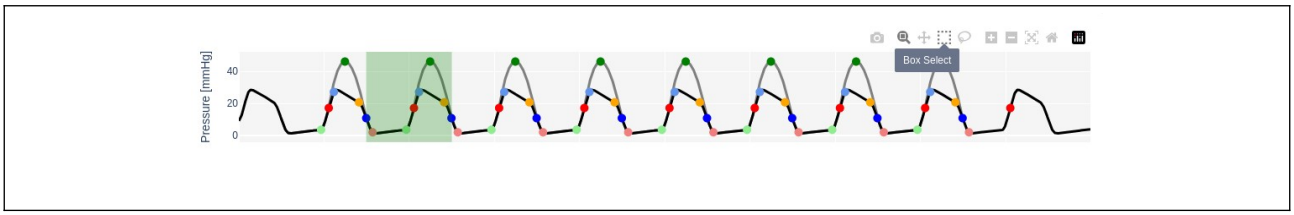
Click the **UPLOAD/EXPORT** button to open the side panel. Select the **+** symbol and choose your file. Finally, upload the file by clicking the **arrow** icon.

3. Setup Beat Detection

In the **INPUT** tab, select the sample rate of your signal. If misdetections occur, open the **BEAT DETECTION** tab and adjust the parameters. Begin by increasing the minimum beat width. Press **UPDATE** after each modification.

4. Perform Analysis

Select the beats you want to analyze and average by using the **Box Select Tool** located at the top of the signal graph. Beats are selected by marking the **Pmax points** (dark green).



Press **UPDATE** after each change. In the **ELASTANCE** tab, you can add **ESPVR** and **EDPVR**. Use the **CALC** tab for an overview of all calculated variables. The **Instructions for Use (IFU)** can be accessed under the **INFO** tab by clicking on the version number.