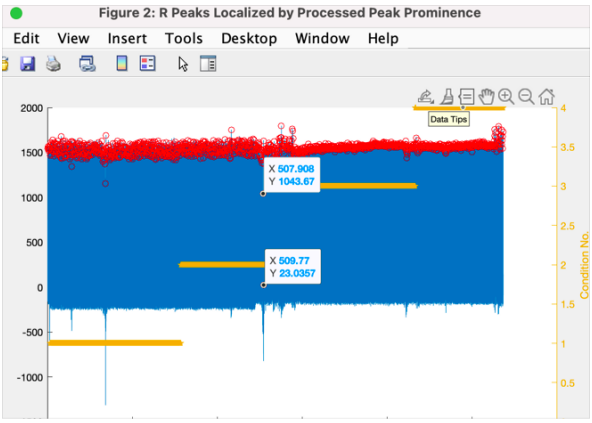
HEP SCC DBS Notes September 15, 2022: Manual Updates and Stats Instruction

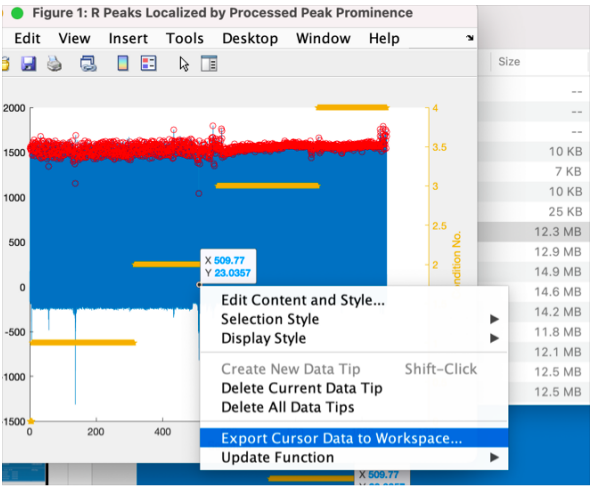
You have the option of running original analysis again with different parameters (but be sure to rename folder to keep previous versions from being overwritten). Be sure to make your own text file of these parameter changes:

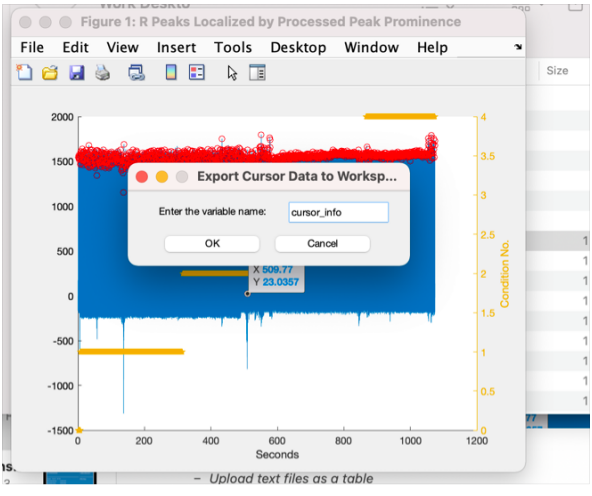
***** TO ADD: parameters used in folder**

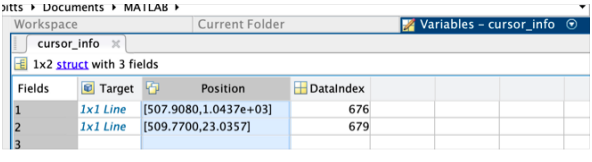
Function

- Pick file to import as table (R peaks and Labels)
- New Folder: For removed peaks and for statistics
  - New text file;
    - Select figure uploaded to original analysis> “DataTips Tool”> Select Points to get rid of> Right Click and save as: “cursor_info” to workspace. (Prompted)









- Upload/Keep “workspace” from *loadSubjects.m*
- Upload/ select text files from old analysis as a table (prompted)
- ~~*Insert new points*~~
- *Remove old points separately: use NetStation part as a guide*
- Save new Labels File
- Save new Peaks File

        - Save new Net-station File
        - Graph the updated figure file (select reference figure from old analysis folder): overlay the X cross out condition using *time_s* variable
- Stats:
    - Select Processed label and Rpeaks sample file and upload as a table (prompted)
    - Upload the “range” (starting and ending sample) per targeted condition from *loadSubjects.m*
    - Create a histogram of R-R for each category of variable (excluding, null); display the mean/median R-R intervals. Create a bar chart per condition under one figure.
    - Create a bar chart of each condition’s calculated HR: beats detected/ length of time of condition.