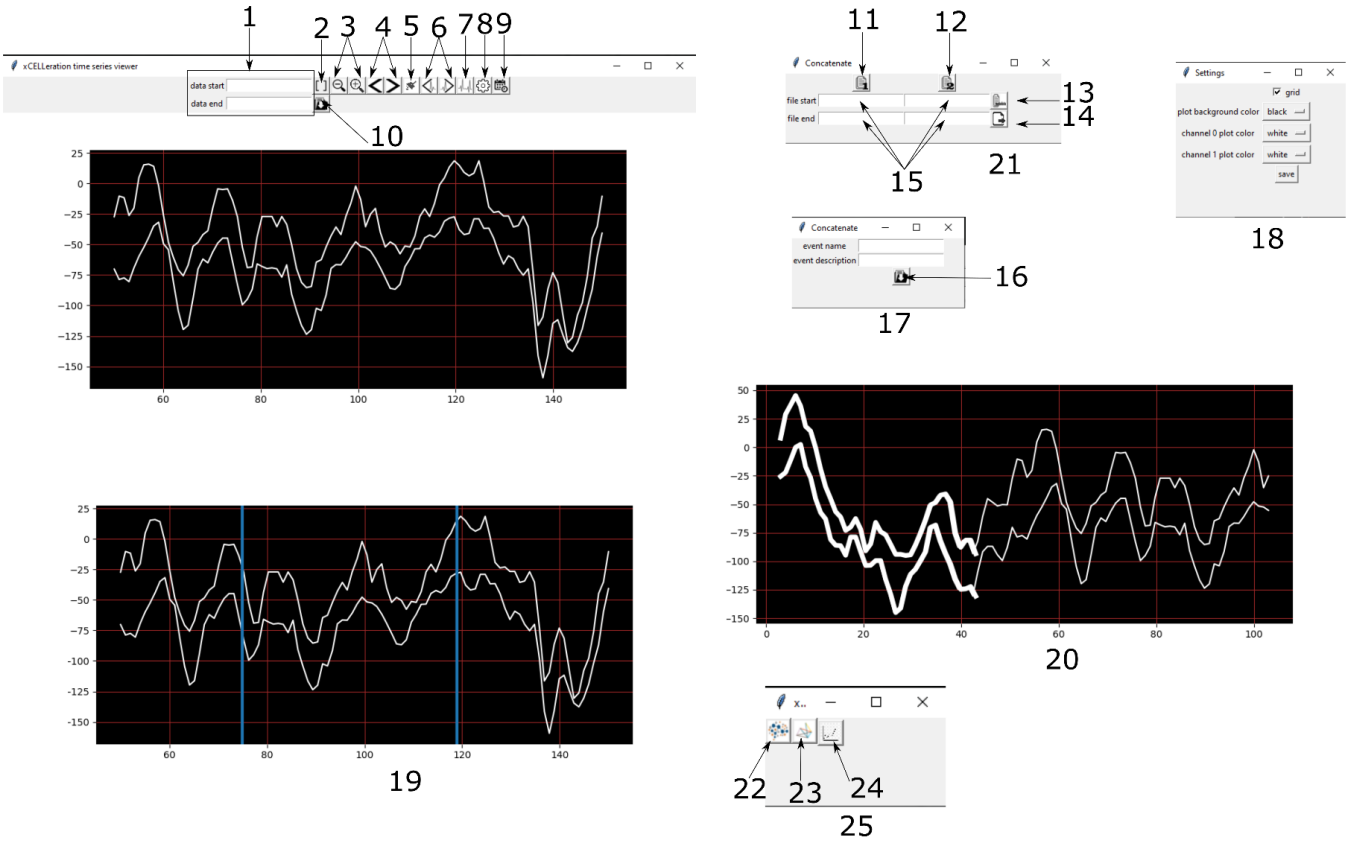

- **1:** set window for truncation.
- **2:** truncate data on display to bounds specified by 1.
- **3:** zoom in and out of data on display.
- **4:** pan through data on display.
- **5:** clear data.
- **6:** display next or previous spike on display.
- **7:** open window 21.
- **8:** open window 18.
- **9:** open window 19 on first clock, then after window selected, open window 17.
- **10:** save data to nwb file.
- **11:** select first .continuous file to concatenate.
- **12:** select second .continuous file to concatenate.
- **13:** select metadata file to attach to concatenated file.
- **14:** save concatenated file.
- **15:** window of data to concatenate for each selected file.
- **16:** save event to current file.
- **17:** add name and description and save event selected from window 19.

- **18:** select plot background color, plot line colors and gridlines.
- **19:** visually select event beginning and end timestamps.
- **20:** display event highlighted.
- **21:** concatenation window.
- **22:** select nwb file to open.
- **23:** select open ephys directory to open.
- **24:** plot selected file.
- **25:** file open window.

Source Code Structure

Classes:

Button_icons:
- Stores icons for buttons, images stored in images folder.

conc_files:
- Stores the data selected from 21, and the function triggered from selecting button 14

event_storage:
- Stores window selected by 19, flag selected by 9 and the data selected from 17
- Stores function triggered by 16

Channel_window:
- Stores all buttons for the main window,, data from selected file and information for the selected plot window and settings.
- Stores functions for zooming, panning, spike panning, truncate, add event, select files from 21 and plotting.

GUI:
- Stores window 25.
- Entry point of program