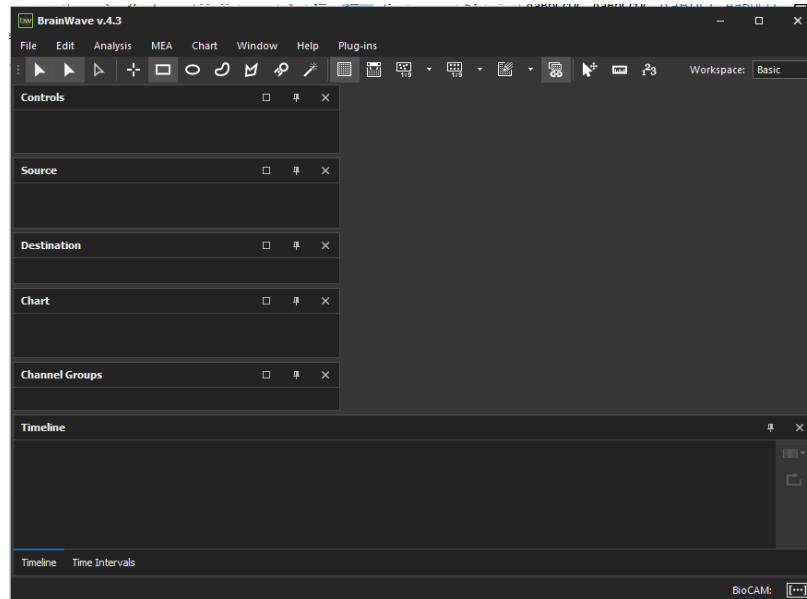


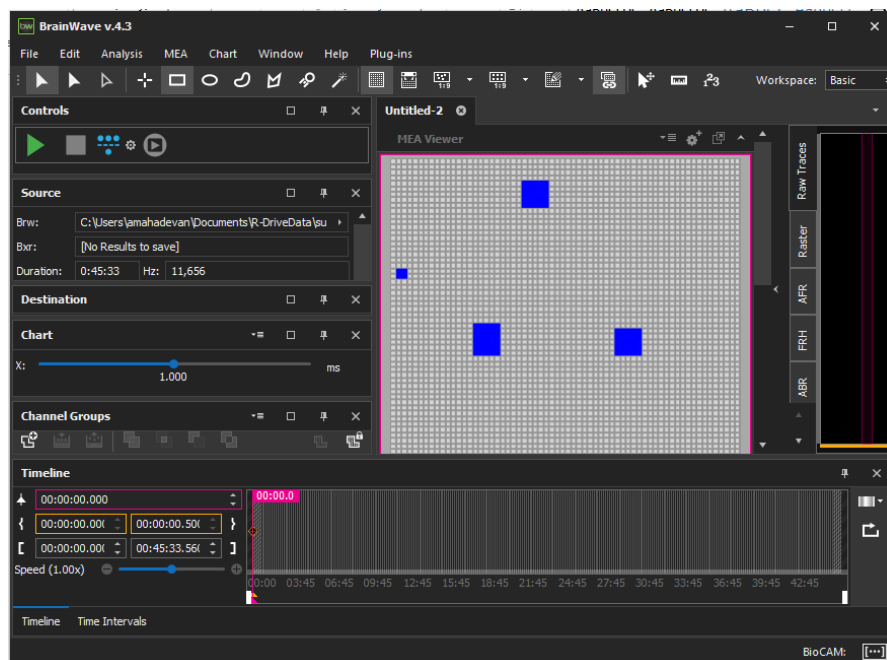
01. Export Channels or Channel Groups for Down Sampling and Analysis from Brain Wave 4 Measurements

The Brain Wave 4 MEA array contains 4096 channels sampled at ~11,000 Hz. The file size is in the order of ~250 GB uncompressed and 80 GB compressed). In order to reduce computation time and complexity, we export a group of channels (100 to 350) for analysis in python - Dash.

1. Open BrainWave 4 Software



2. Open the BrainWave4 Compressed or Uncompressed .brw measurement file: File → Open



3. Export a group of channels: File → Export → Raw Data or Ctr + E

Select a subset of channels, give it a file name and 'Export'.

Export Raw Data

Format: Brw

☒ Export a subset of channels ☐ Export a subset of time intervals

Select Time Interval(s)...

Export

Cancel

Channel Selection

Options

Version:

Level 2 - HDF5

☐ Zipped

Destination

Choose Folder:

C: > Users > amahadevan > Documents > R-DriveData > ...

File Naming

+ Channel Identifier

Example: ...\.brw