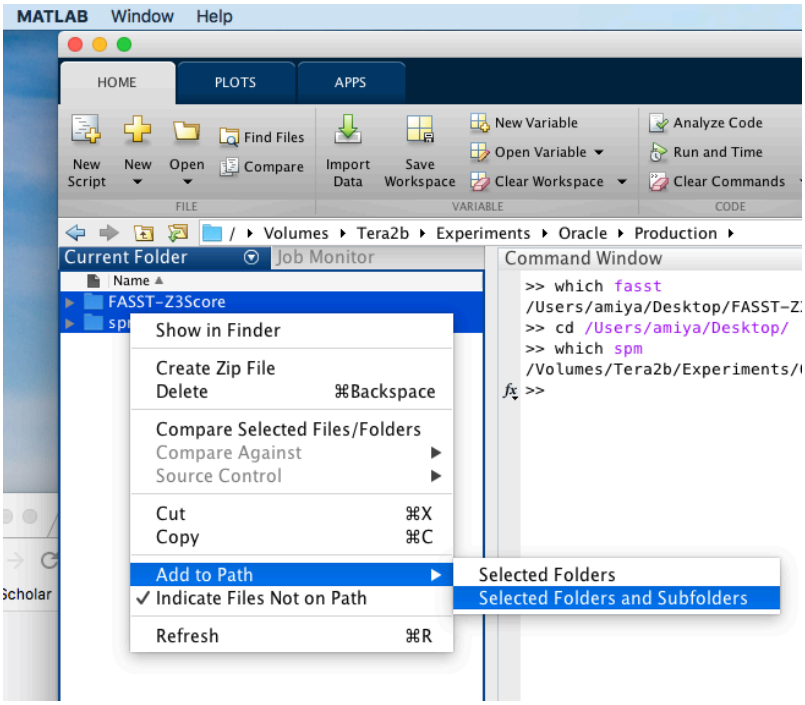
Getting Started with Z3Score-FASST

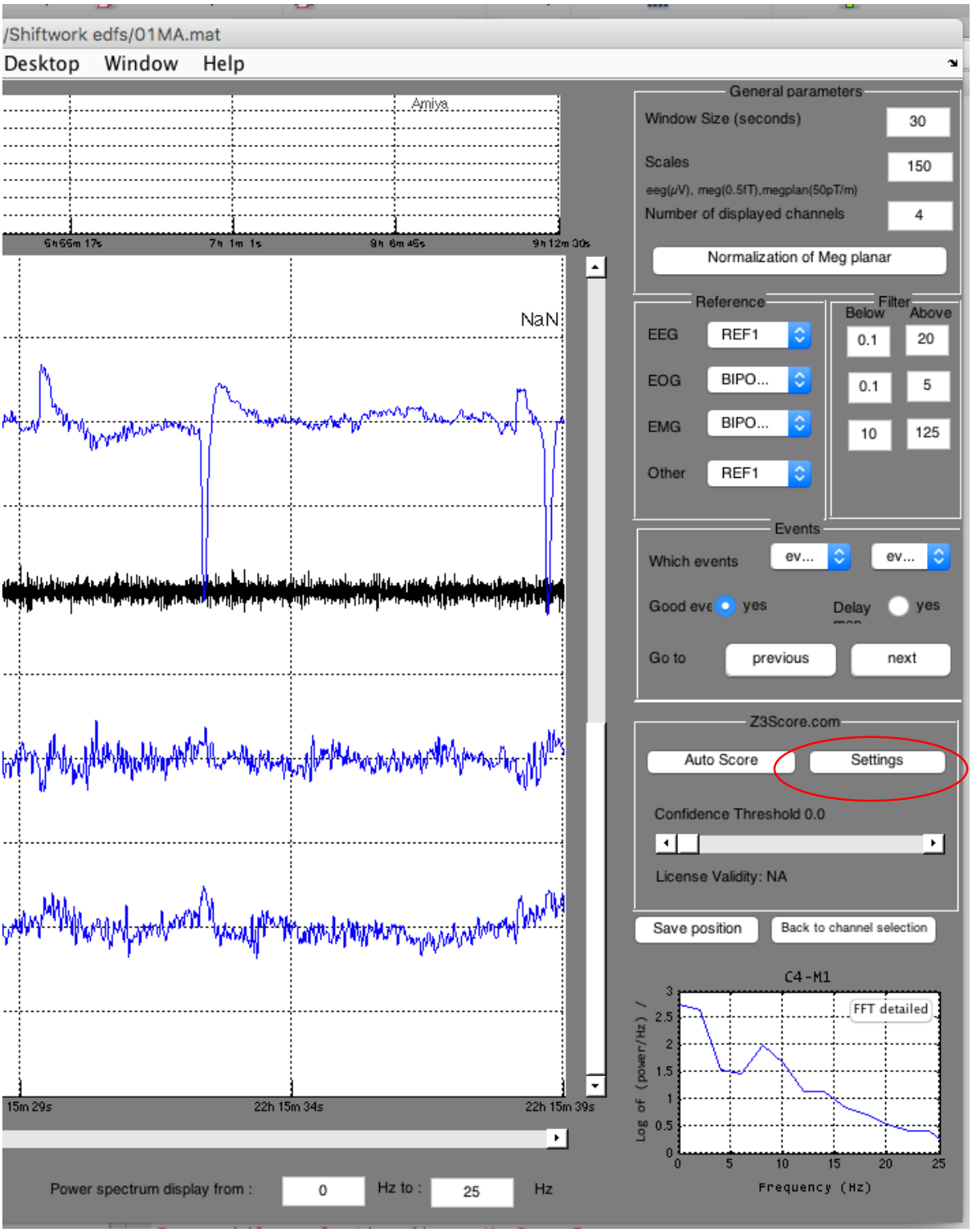
NOTE: FASST supports only one sampling rate for all channels. So please ensure that all channels required for scoring are at the highest sampling rate. Otherwise FASST does a nearest neighbor extrapolation which severely degrades scoring accuracy.

- Download Z3SCORE-FASST https://github.com/amiyapatanaik/FASST-Z3Score
- Download SPM12 http://www.fil.ion.ucl.ac.uk/spm/software/download/
- Add both to Matlab path



- Type fasst in the Matlab command window and click score sleep

- Open the EDF file you want to score and select the channels you want displayed. You may have to enter the scorer's name and epoch size (make it 30).
- If you are using z3score-fasst for the first time, you will have to setup license. Go to the settings menu in the z3score panel:



- Enter your email address and access key. If you do not have a key, you may request one from testdrive@z3score.com
- Once the license key is setup (which needs to be done only once) you can click on Auto Score. You will have to choose the right channels before you click score.

The channel selection menu now supports re-referencing the channels. For Accurate scoring these channels are required:

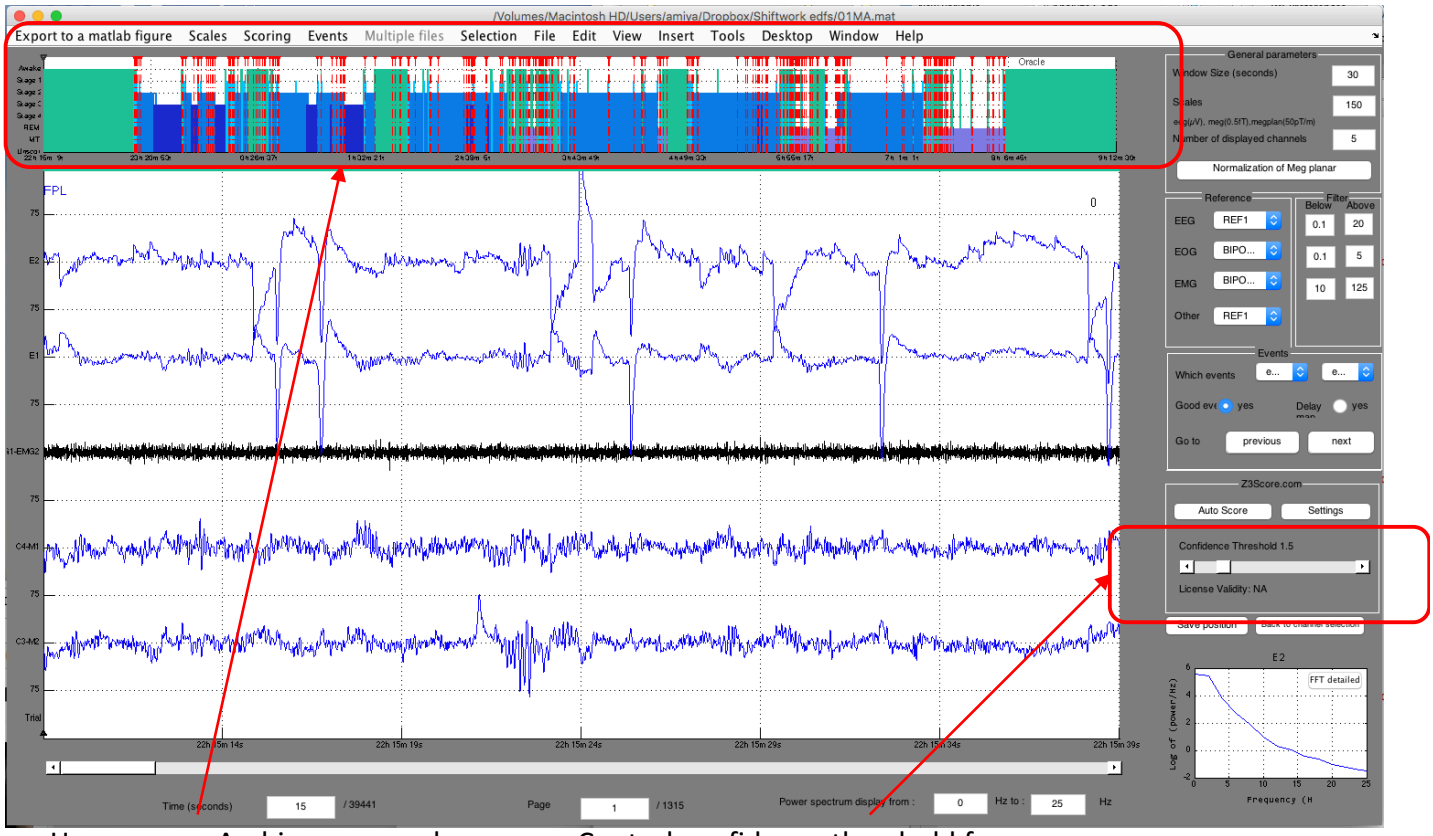
C3-A2
C4-A1
EoG-Left-A2
EoG-Right-A1

If your channels are not referenced correctly, you **must** re-reference them appropriately.

If re-referencing is required use this dropdown

Select the right channel using the dropdown menu

- Once you click score, wait for the data to be converted into CFS format and sent over to the server for scoring.

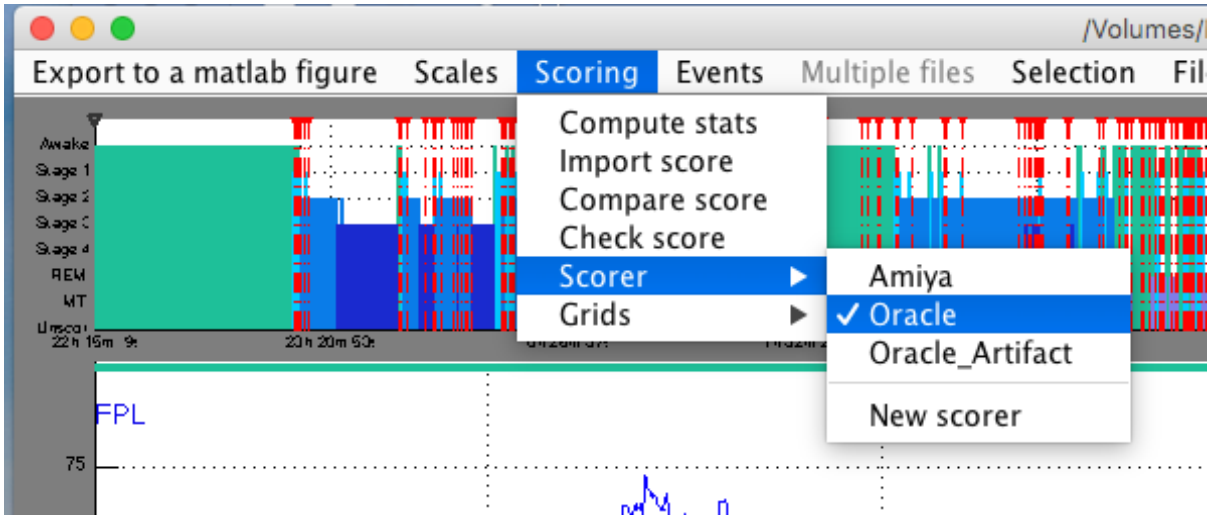


Hypnogram. Ambiguous epochs are marked in red for review.

Control confidence threshold for ambiguous epochs.

There are two automatic scorers: Oracle and Oracle_Artifact

Oracle uses 30 seconds' epochs to do scoring according to AASM criteria.
Oracle_Artifact uses 5 seconds' epochs and in addition to scoring, marks artefactual epochs.



If you need to access the raw scores, they are stored in the mat file generated when you open your edf file in fasst. The scores are located at D.other.CRC.score