## Save Power spectral density (PSD) data locally

* runSavePSDData: calls getPSDData that reads segmentedData (data stored outside this folder) and saves power related information locally in savedData. The remaining programs just read the data stored locally, and therefore can work even if segmentedData is unavailable.
* getPSDData: This is the program used by runSavePSDData to get power data.

## Display PSD data for all subjects

* plotFigureGamma: Generates the plots for the gamma figure. Run this first to get started.
* runDisplayPowerDataAllSubjects: Runs a GUI which allows power data to be viewed for different combinations. Use this program to explore the data.
* displayPowerDataAllSubjects: The main program to average the data across subjects. Called by runDisplayPowerDataAllSubjects.

## Time-frequency analysis data

* runSaveTFData and getTFData save TF data locally in the savedData folder.
* displayTFDataAllSubjects: displays the time-frequency data.

## Display PSD data for an individual subject

* runDisplayPowerDataSingleSubject: This program runs displayPowerDataSingleSubject that reads data from segmentedData and displays PSDs of individual trials. Does not read the local data saved in savedData. Can also save this plot locally in a folder.
* displayPowerDataSingleSubject:

## Common programs used by all display programs – now moved to commonAnalysisCodes/analysisCodes

* getBadTrialsAndElectrodes: Returns bad trials and bad electrodes for a given protocol.
* getElectrodeGroups: Returns the electrode groups (e.g. occipital, frontal, temporal etc) for which data needs to be displayed.