## Save slope data locally

* runSaveFooofParamIndividualSubject: calls saveFooofParamIndividualSubject that reads power spectral density (PSD) data (data stored in power project codes, you have to specify the sourse in *folderSourceString*) and saves slope related information locally in savedData/FOOOF. The remaining programs just read the data stored locally, and therefore can work even if PSD data is unavailable.
* saveFooofParamIndividualSubject: This is the program used by saveFooofParamIndividualSubject to get slope data. Ensure that fooof is installed on the system and ‘fooofcodes’ from the ‘slope project’ are on the path .

## Compare slope data for meditators vs controls

* runDisplayAperiodicDataAllSubjects: Runs a GUI which allows slope data to be viewed for different combinations. Use this program to explore the data.

The data is saved for freqWidth 86, so do not change anything in freqRange tab.

* displayAperiodicDataAllSubjects: The main program to average the data across subjects. Called by runDisplayAperiodicDataAllSubjects.

## Compare slope data across protocols for different subjects

* runDisplayAperiodicDataForSubjectGroupAcrossProtocols: Runs a GUI which allows slope data and power data (can be modified by *freqRange 3* in GUI) to be viewed for different combinations of protocols for meditators or controls. Use this program to explore the data.

The data is saved for freqWidth 86, so do not change anything in *freqRange 1* tab.

* displayAperiodicDataForSubjectGroupAcrossProtocols: The main program to average the data across subjects. Called by runDisplayAperiodicDataForSubjectGroupAcrossProtocols.

## Common programs used by all display programs

* dispayAndCompareData: Compares the 2 data groups.

## Ensure that the commonAnalysisCodes and PowerProjectCodes folders are on path.