1. Run script **PSD\_estimation.py**

*Input:* Datasets in .fif format, datastes list in csv format, timing table in csv format

*Output:* set of tables in .csv format and set of dataframes in csv. format

1. Run script **averaging\_meditation\_data.py**

*Input:* set of dataframes in csv format

*Output:* table in csv format. Columns: meditation stage, group number, subject number, columns with average values on the certain meditation stage in particular subject: delta power (\* 30 channels), theta power (\* 30 channels), alpha power (\* 30 channels), beta power (\*30 channels), gamma power (\* 30 channels), alpha/theta ratio (\*30 channels), alpha/beta ratio (\*30 channels). The order of channels can be found in the script **(channel\_list)**

1. Run script **normalizing\_average\_to\_baseline.py**

*Input:* data file you got by using previous script

*Output:* table with the same columns, data for each subject are normalized to individual baseline (value of power in the same subject, band and channel on the first stage)