

Semi-automated assessment of sleep based on feature analysis of EEG

Runs feature extraction and displays attributes of the time-domain data and launches UI for expert to enable to classify 30-second epochs of the data into AASM2012 sleep classes.

If all data are ready in structure described for `subject_id_data.mat`, then only `Assess_the_sleep` script can be run to score one patients. Otherwise processing of multiple patients can be done using `UW_sleep_wrapper.m` or its modification in case of other input formats. `Assess_the_sleep` script can be also called in loop to speed up processing. Function `Assess_the_sleep` can be run alone if data are prepared properly.

