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General information

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This script provides global variables for the analysis of the ``Painmonit`` and ``Biovid`` datasets.

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Variables

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Sampling rate of the PainMonit dataset

sampling_rate_painmonit = 250

Sampling rate of the Biovid dataset

sampling_rate_biovid = 512

Amount of seconds per stimulus

window_secs = 10

Baseline temperature of the Medoc

baseline_temp= 32

Number of repetitions per stimuli - uzl

num_repetitions_uzl = 8

Name of the used sensors in PainMonit - these are the headers in for the np files

painmonit_sensors = ["Bvp", "Eda_E4", "Resp", "Eda_RB", "Ecg", "Emg"]

Dict to translate a sensor names to it's index

painmonit_sensor_to_index = {j:i for i, j in enumerate(painmonit_sensors)}

Name of all biovid sensors

biovid_sensors = ["time", "gsr", "ecg", "emg_trapezius", "emg_corrugator", "emp_zygomaticus"]

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# Subjects to skip in UzL data
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uzl_faulty = ["S_01", "S_22", "S_23", "S_24", "S_25", "S_33", "S_58"]
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# Biosignals directory for the BioVid dataset - can be 'biosignals_filtered' or 'biosignals_raw'
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biosignals_dir = "biosignals_raw"
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num_painmonit_subjects = 52
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num_biovid_subjects = 87
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