

Resource Summary Report

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Project BCI - EEG motor activity data set

RRID:SCR_001585

Type: Tool

Proper Citation

Project BCI - EEG motor activity data set (RRID:SCR_001585)

Resource Information

URL: <https://sites.google.com/site/projectbci/>

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Description: EEG motor activity data sets used for Brain Computer Interface research project in Matlab MAT format. * Dataset 1 - 1D motion: This subject is a 21 year old, right handed male with no known medical conditions. The EEG consists of actual random movements of left and right hand recorded with eyes closed. Each row represents one electrode. The order of the electrodes is FP1 FP2 F3 F4 C3 C4 P3 P4 O1 O2 F7 F8 T3 T4 T5 T6 FZ CZ PZ. The recording was done at 500Hz using Neurofax EEG System which uses a daisy chain montage. The data was exported with a common reference using Eemagine EEG. AC Lines in this country work at 50 Hz. This info is also included in the MAT file. * Dataset 2 - 2D motion: This subject is a 21 year old, right handed male with no known medical conditions. The EEG consists of actual random movements of left and right hand recorded with eyes closed. Each row represents one electrode. The order of the electrodes is FP1 FP2 F3 F4 C3 C4 P3 P4 O1 O2 F7 F8 T3 T4 T5 T6 FZ CZ PZ. The recording was done at 500Hz using Neurofax EEG System which uses a daisy chain montage. The data was exported with a common reference using Eemagine EEG. AC Lines in this country work at 50 Hz. This data consists of the following movements # Three trials left hand forward movement # Three trials left hand backward movement # Three trials left hand forward movement # Three trials left hand forward movement # 1 trial imagined left hand forward movement # 1 trial imagined left hand backward movement # 1 trial imagined right hand forward movement # 1 trial imagined right hand backward movement # 1 trial left leg movement # 1 trial right leg movement

Abbreviations: Project BCI - EEG motor activity data set

Resource Type: data or information resource, data set

Keywords: eeg, early adult human, male, right handed, motor, leg, movement, imagery, brain computer interface, eyes closed, motion

Related Condition: Normal

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Project BCI - EEG motor activity data set

Resource ID: SCR_001585

Alternate IDs: nlx_153822

Record Creation Time: 20220129T080208+0000

Record Last Update: 20260905T133322+0000

Ratings and Alerts

No rating or validation information has been found for Project BCI - EEG motor activity data set.

No alerts have been found for Project BCI - EEG motor activity data set.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Nagy Z, et al. (2017) Decomposing Multifractal Crossovers. Frontiers in physiology, 8, 533.