Analytic Tools and Workflows for EEG/ERP Domain

EEG/ERP (electroencephalography, event related potential) laboratories produce experimental data and metadata. Large amounts of data and various data formats lead to incompatible results and difficult communication among laboratories. Authors\' research group has contributed to the building of a neuroinformatics infrastructure by developing and integrating data management and analytic tools for EEG/ERP research. In addition, a module integrated within the EEG/ERP Portal allowing to process experimental data using analytic tools is developed. An integration of the EEG/ERP Portal with other systems is ensured using web services.

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