

EEG/ERP Data Clustering Tool



VÁČKA, L., MAUTNER, P. *EEG/ERP Data Clustering Tool*. 2012.

C++ software tool allows clustering of features obtained by processing the EEG/ERP data. The features are any waveforms that correspond to significant EEG signal changes (e.g. ERP components or artifacts). Clustering and evaluation of its results can separate possible ERP components from artifacts and noise. The method was tested for the P300 component and the results were presented in the following paper: Vačka L., Mautner P.: The Event-Related Potential Data Processing Using ART 2 Network, BMEI 2012, 16 - 18 October, 2012, Chongqing, China, pp. 467-471.