

Comparative Clustering of Brain Activity Recordings

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Brain activity data often involve large sets of time series recorded non invasively by fMRI or EEG techniques. Spectral clustering is one of the tools applicable to these large data sets. The comparative analysis of clustering results across subjects or patients or across multiple activities for single subjects is then a question of high practical interest. We will outline some of the approaches we are currently exploring with Texas Children Hosp.(NeuroRadiology) to analyze fMRI recordings of brain activity for epileptic patients.