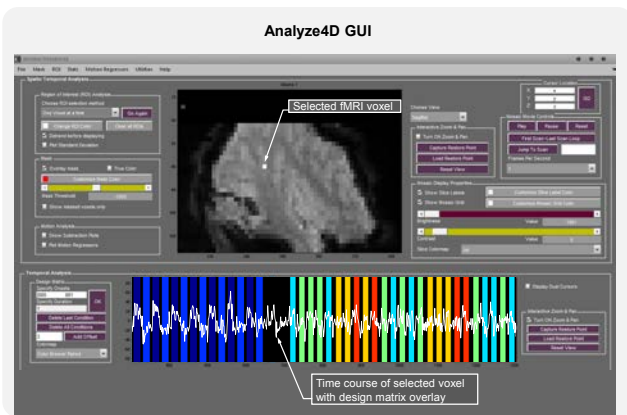


### Introduction

Have you ever wanted to quickly visualize your fMRI data but got annoyed because you first had to convert your scans into a format that your visualization software could read? Have you ever wished if there was an easy way to visualize time course of a particular voxel or group of voxels? Well, if you have, then Analyze4D is for you. Analyze4D is a GUI-driven software for visualization and time course analysis of fMRI and rt-fMRI data. Analyze4D can read almost any major neuroimaging format making it perfect for quickly visualizing and analyzing time courses of voxels. These are just a few of the many functionalities of Analyze4D.

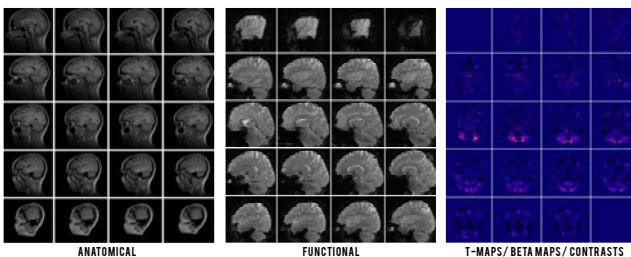


### Features of Analyze4D

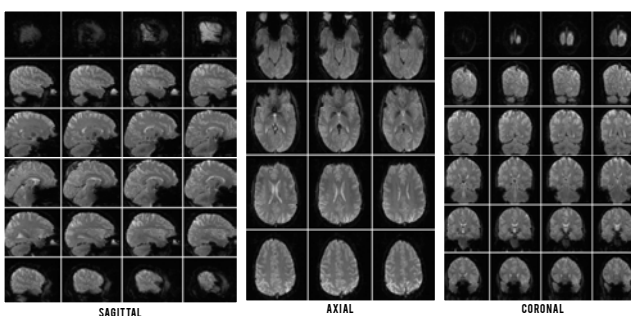
#### 1- Import data in almost any major neuroimaging format:

- Nifti 3D (.nii)
- Nifti 4D (.nii)
- DICOM (.dcm, .dic, .ima)
- Analyze (.img + .hdr)
- BrainVoyager (.stc)
- AFNI (.Brik)
- Donders Real time fMRI (samples)
- Matlab (.mat) [Voxels x Scans]

#### 2- Import and visualize structural MRI, functional MRI and t-maps/beta maps

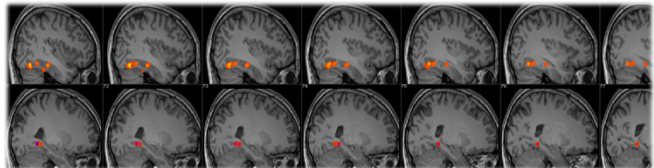


#### 3- View data sagittal, coronal or axial views

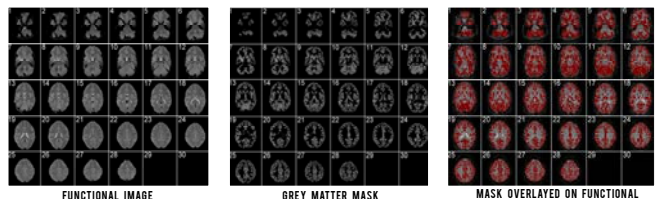


### Introduction

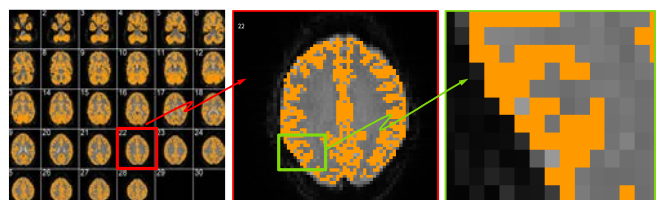
#### 4- Plot activation maps



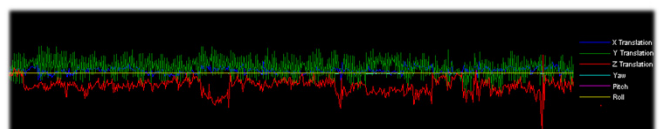
#### 5- Overlay any type of mask in functional data



#### 6- Intuitively zoom and pan and home in to a particular regions and plot time course of the voxels



#### 7- Play movie of all functional scans and observe motion during a session



#### 8- Make subject specific AAL mask and perform ROI analysis on any of the 116 AAL regions



[www.analyze4d.com](http://www.analyze4d.com)

