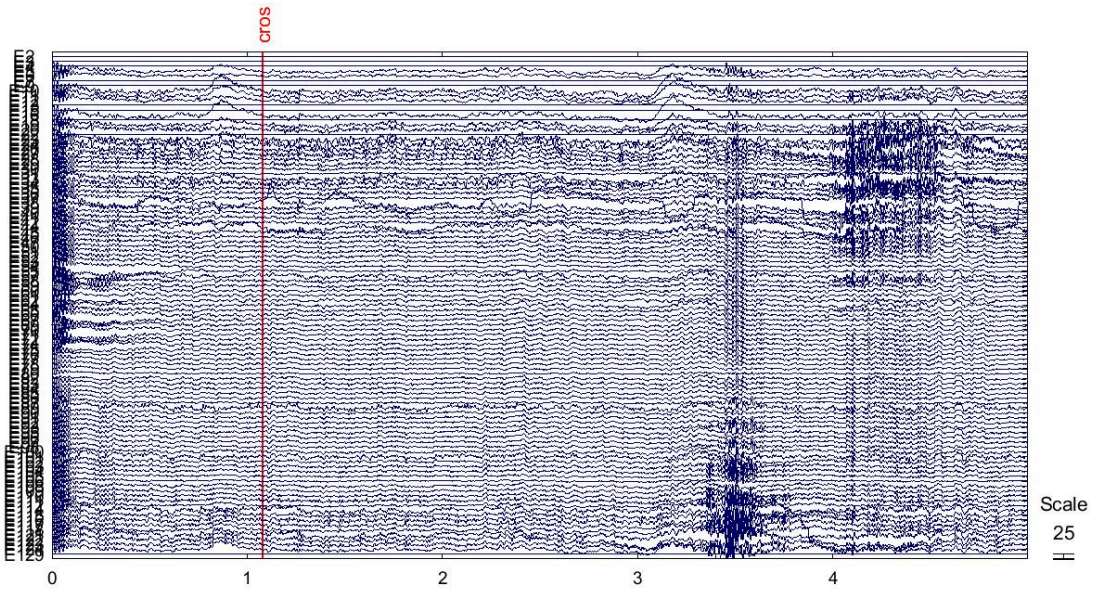
```
%function convert_JPG2PDF(file_name)
%convert_JPG2PDF(file_name)

%
%
```

file_name = 'a4mb6S3l22_01_RestingStateOpen'

```
data_LAND_prep = 'C:\Users\Utente\OneDrive - Fondazione Istituto Italiano Tecnologia\data_LAND_
cd(data_LAND_prep)

% JPG type:
jpg_type1 = 'preproc_notchdata_scroll'
jpg_type2 = 'ASR_result'

jpg_type3 = 'preproc_badSamplesChannels'
jpg_type4 = 'preproc_psd'

jpg_type5 = 'preproc_IC_brain_probabilities'
jpg_type6 = 'preproc_ica_1_28'
```

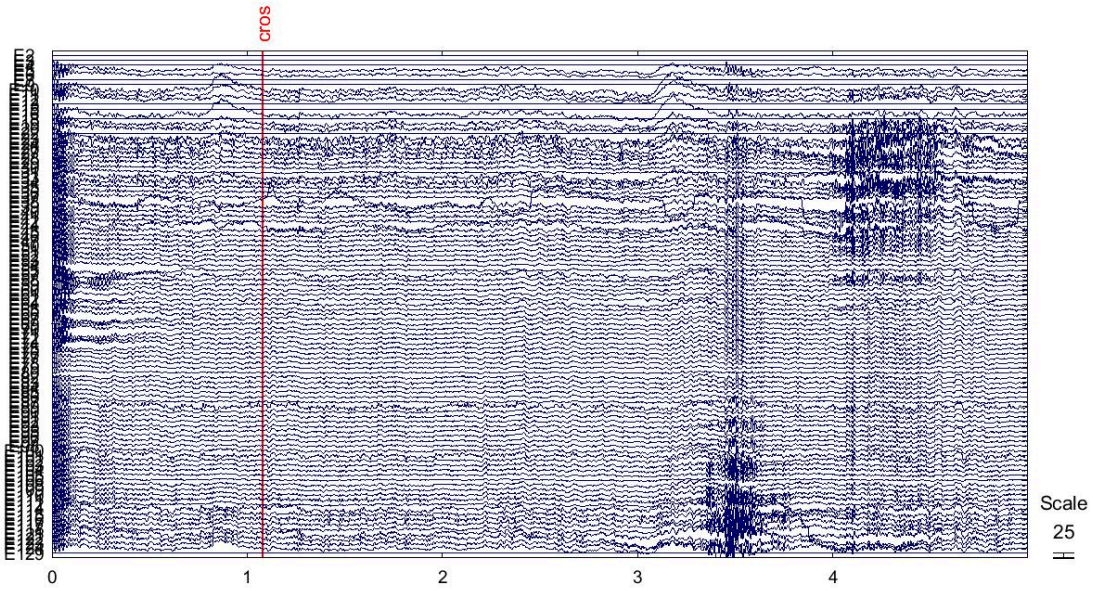
1 BAND-PASS FILTER + NOTCH (scroll)

```
imshow(imread([file_name, '_' jpg_type1 '.jpg']));
```



2 ASR result

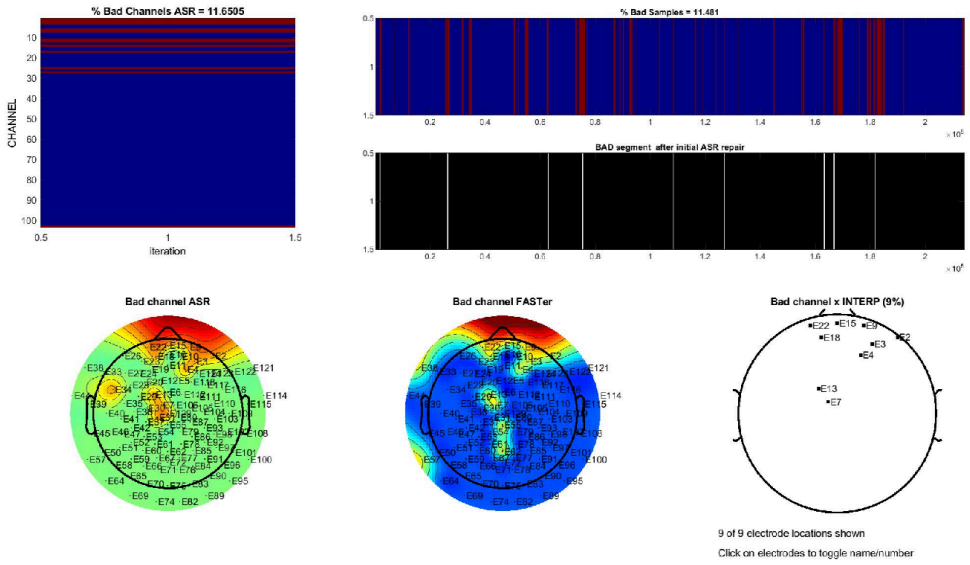
```
imshow(imread([file_name, '_' jpg_type2 '.jpg']));
```



3 BAD CHANNELS (by ASR and Hurst)

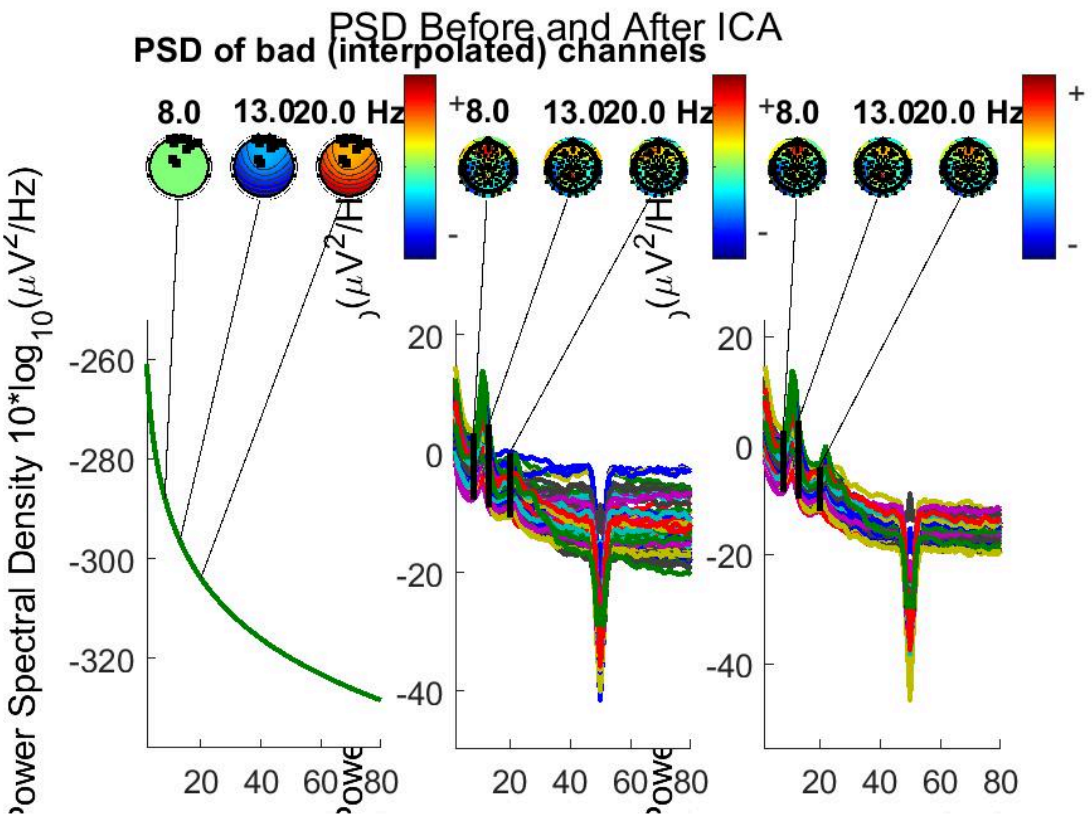
and BAD SAMPLES

```
imshow(imread([file_name, '_' jpg_type3 '.jpg']));
```



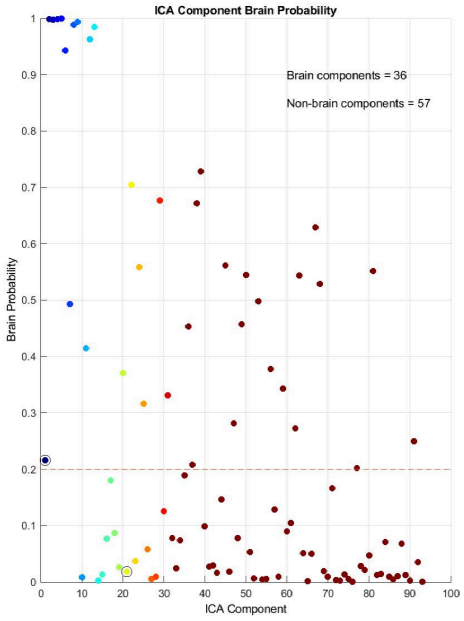
4 PSD before and after badIC removal

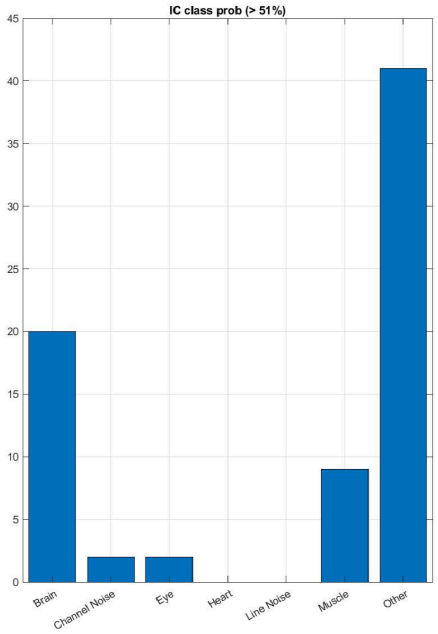
```
imshow(imread([file_name, '_' jpg_type4 '.jpg']));
```



5 IC brain probability

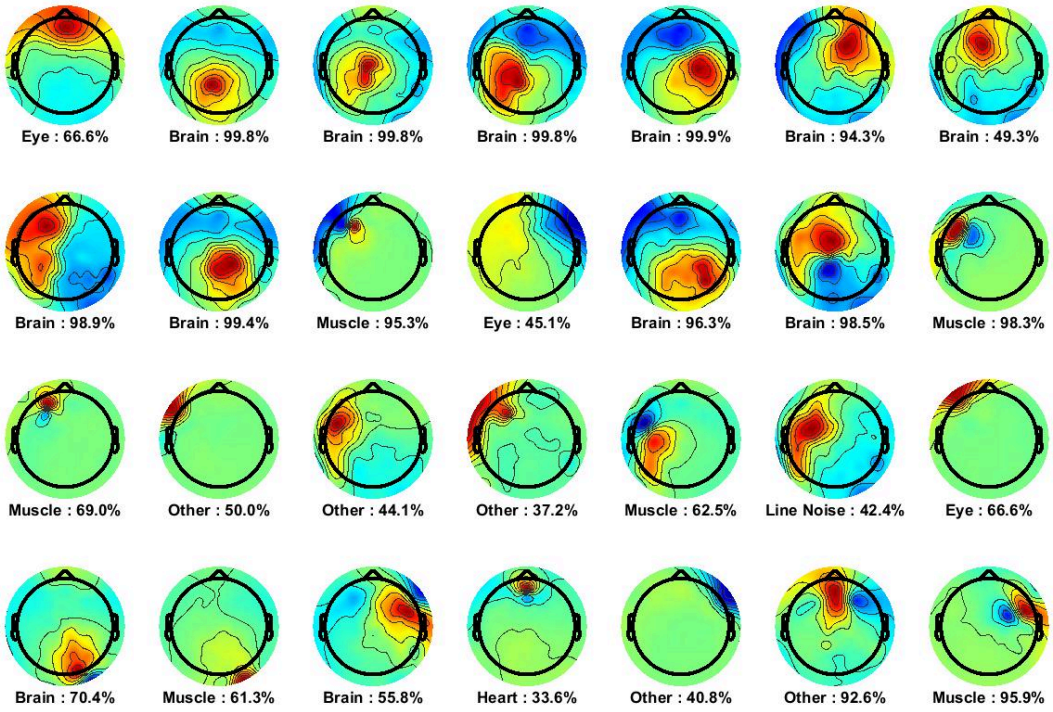
```
imshow(imread([file_name, '_' jpg_type5 '.jpg']));
```





6 IC classification

```
imshow(imread([file_name, '_' jpg_type6 '.jpg']));
```




```
% %export_fig test.pdf -q101



%end
```

```
% CONVERT the mlx file into a pdf:
%cd('C:\Users\Utente\OneDrive - Fondazione Istituto Italiano Tecnologia')
%publish('convert_JPG2PDF.mlx','pdf')
```