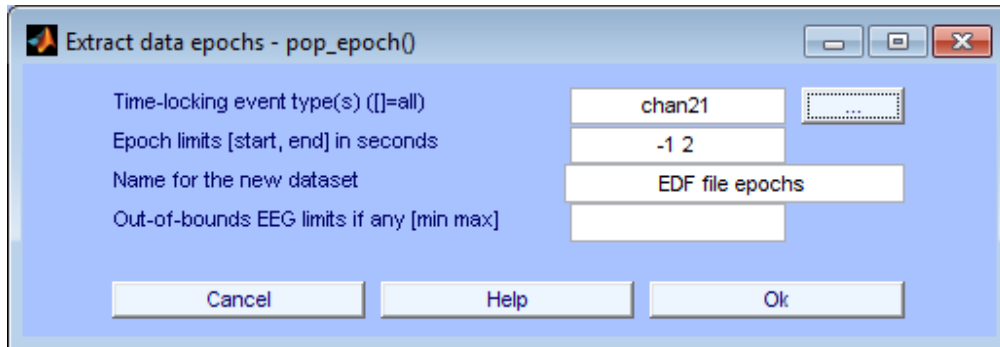
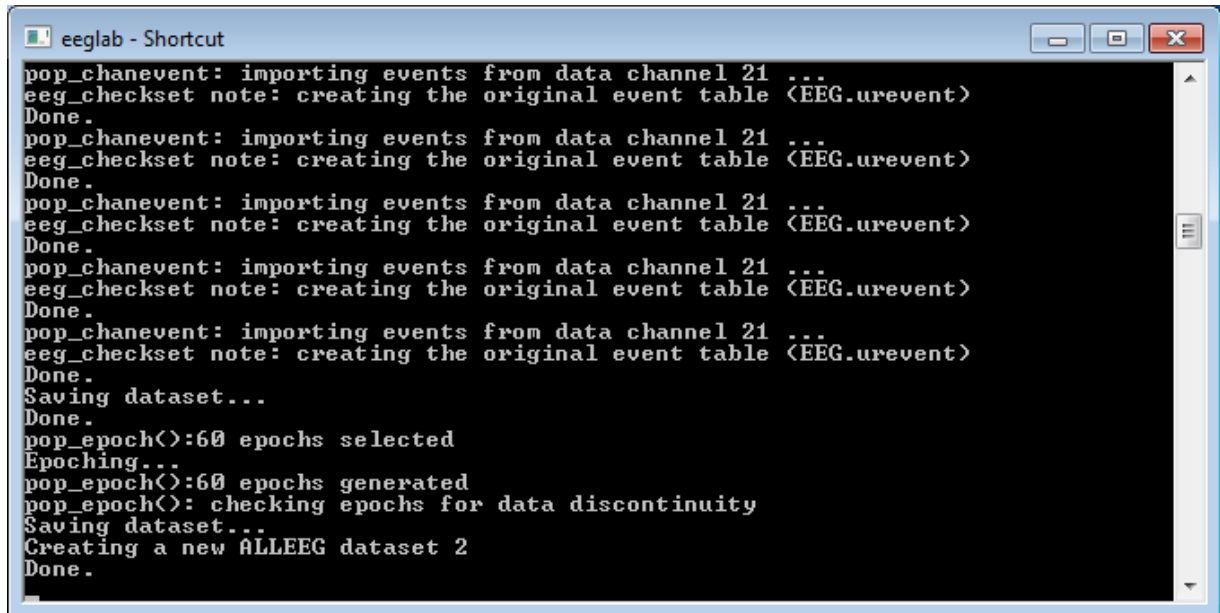


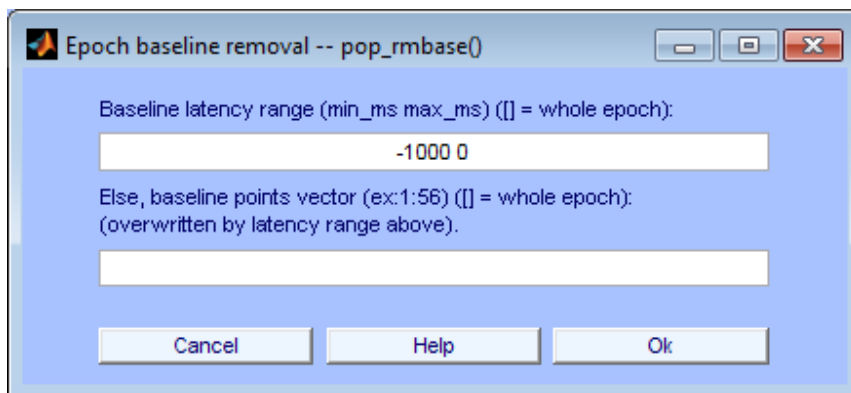
Tools / extract epochs



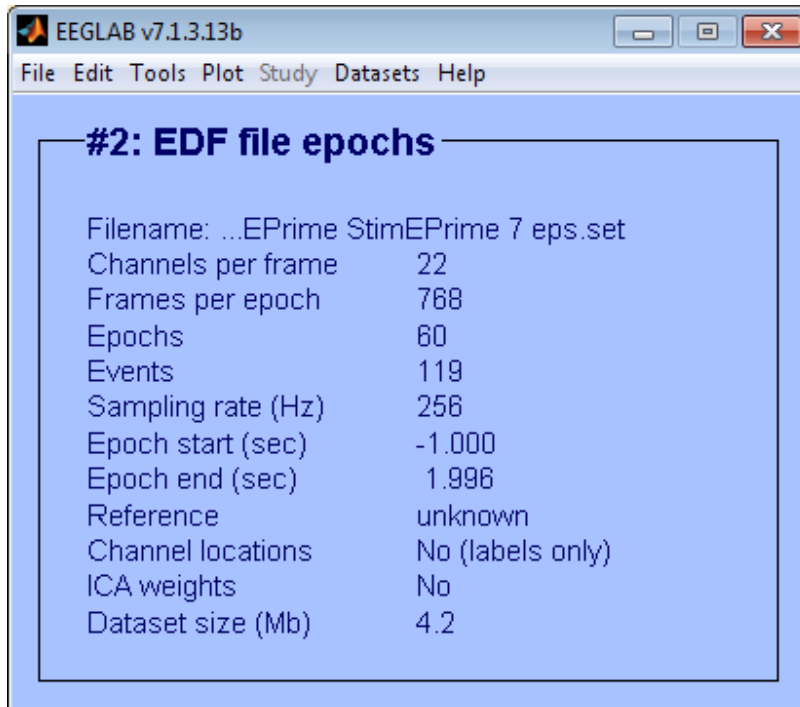
X



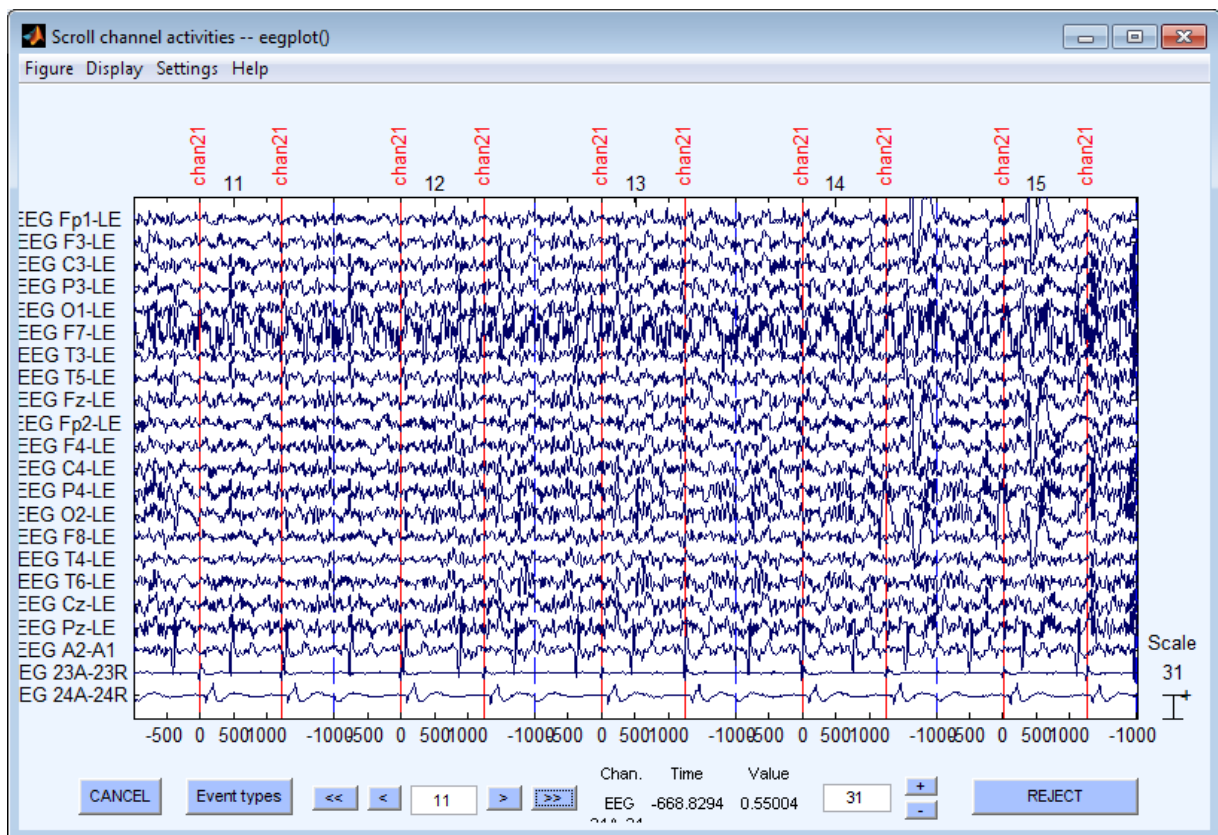
X



X



X



X

Plot / channel erp image

Channel ERP image -- pop_erpimage()

Channel	1	Figure title	
Smoothing	10	<input checked="" type="checkbox"/> Plot scalp map	
Downsampling	1	<input checked="" type="checkbox"/> Plot ERP	ERP limits (uV) <input type="text"/>
Time limits (ms)	-1000 1996.0938	<input checked="" type="checkbox"/> Plot colorbar	Color limits (see Help) <input type="text"/>

Sort/align trials by epoch event values

Epoch-sorting field	Event type(s)	Event time range	Rescale	Align	<input type="checkbox"/> Don't sort by value
			no		<input type="checkbox"/> Don't plot values

Rescale sorting variable to plot window (yes|no|a*x+b)(Ex:3*x+2):

Sort trials by phase

Frequency (Hz minHz maxHz)	Percent low-amp. trials to ignore	Window center (ms)	Wavelet cycles
			3

Inter-trial coherence options

Frequency (Hz minHz maxHz)	Signif. level (<0.20)	Amplitude limits (dB)	Coher limits (<=1)	<input type="checkbox"/> Image amps (Requires signif.)

Other options

Plot spectrum (minHz maxHz)	Baseline ampl. (dB)	Mark times (ms)	More options (see >> help erpimage)

Cancel Help Ok

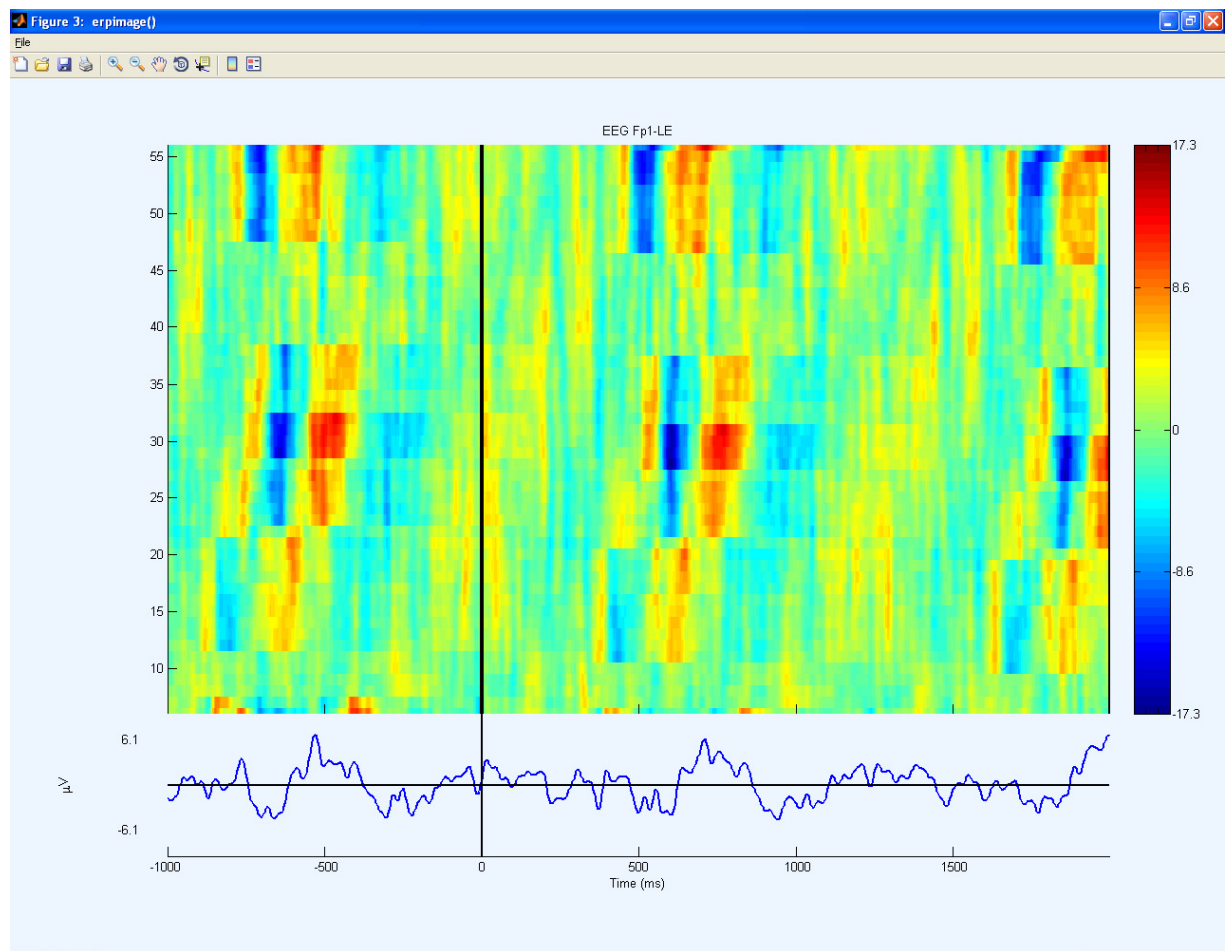
X

```
eeglab - Shortcut
warning: variable 'nosort' not found
warning: variable 'noplot' not found
warning: variable 'plotamps' not found
warning: variable 'spec' not found
warning: variable 'vert' not found
Command executed by pop_erpimage:

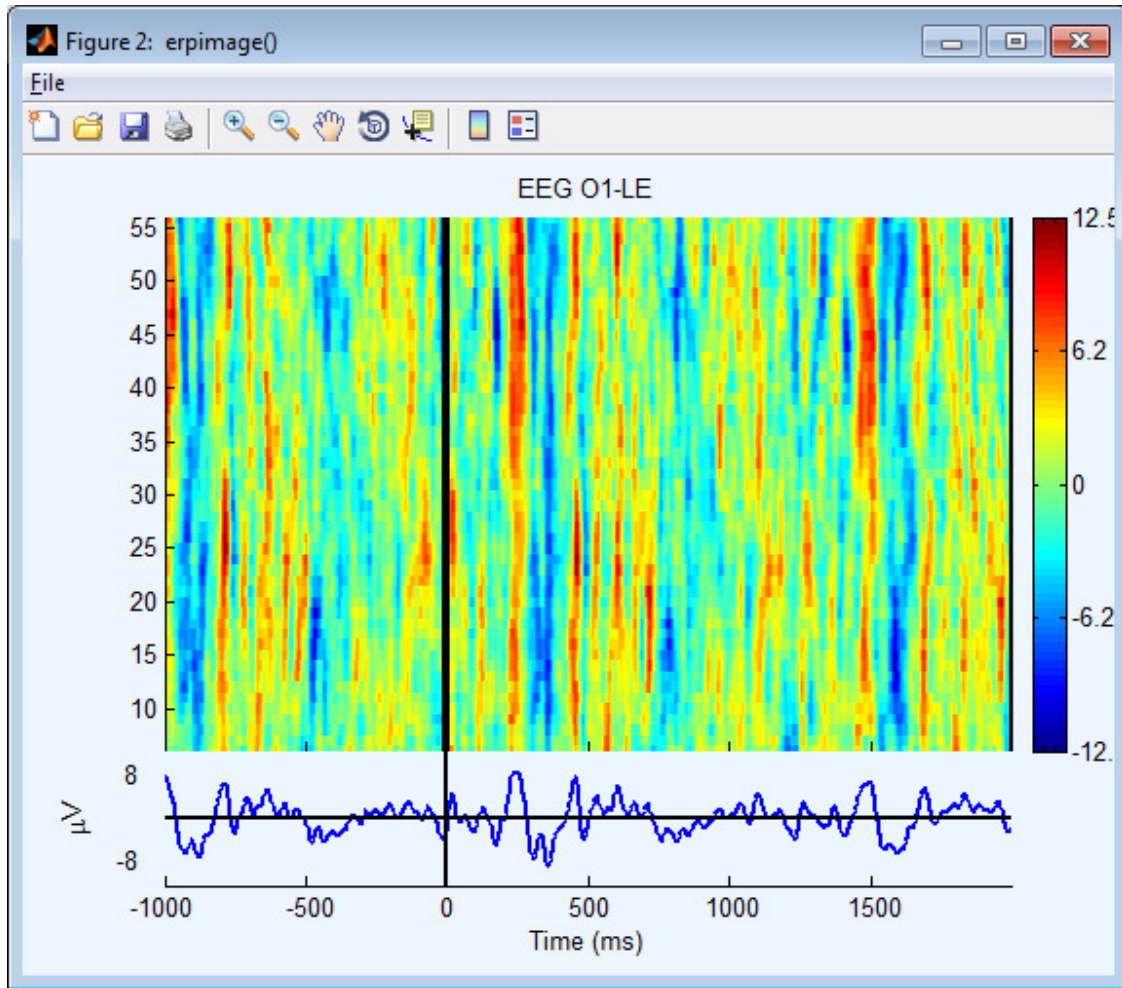
    erpimage( mean(EEG.data([5], :), 1), ones(1, EEG.trials)*EEG.xmax*1000, linspace
(EEG.xmin*1000, EEG.xmax*1000, EEG.pnts), 'EEG 01-LE', 10, 1, 'yerplabel', '\mu
U', 'erp', 'on', 'cbar', 'on', 'vert', 300);

Plotting input data as 60 epochs of 768 frames sampled at 256.0 Hz.
Sorting data on input sortvar.
Smoothing the sorted epochs with a 10-epoch moving window.
and a decimation factor of 1
Output data will be 768 frames by 51 smoothed trials.
Outtrials: 6.00 to 56.00
The caxis range will be the sym. abs. data range -> [-12.3809,12.3809].
Data will be plotted between -1000 and 1996.09 ms.
Plotting 1 lines at times: 300
Overplotting sorted sortvar on data.
Plotting the ERP trace below the ERP image
Done.
```

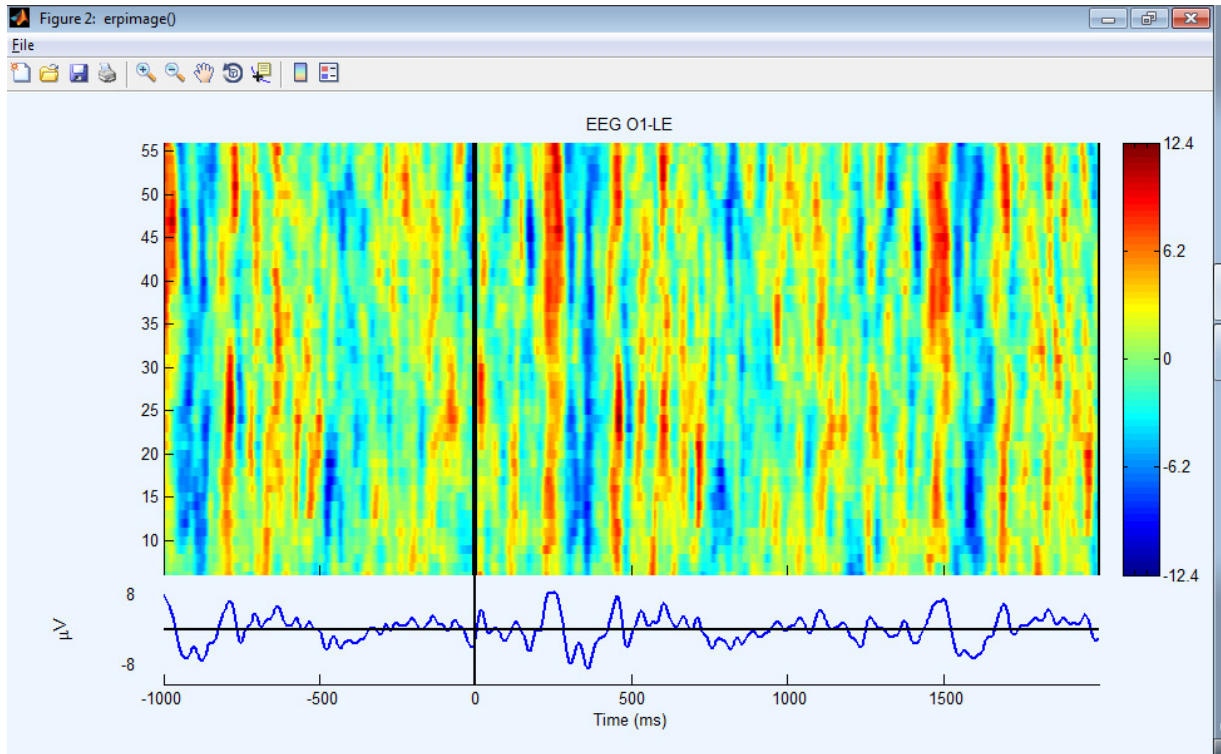
X



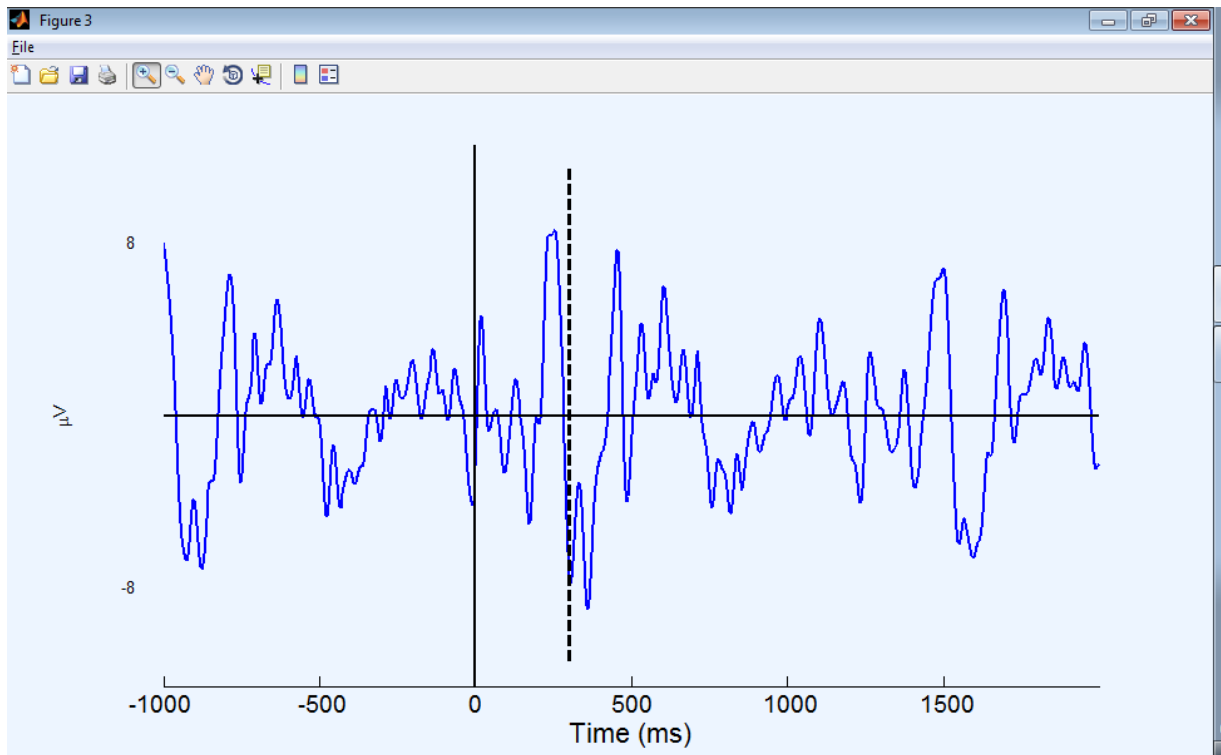
X



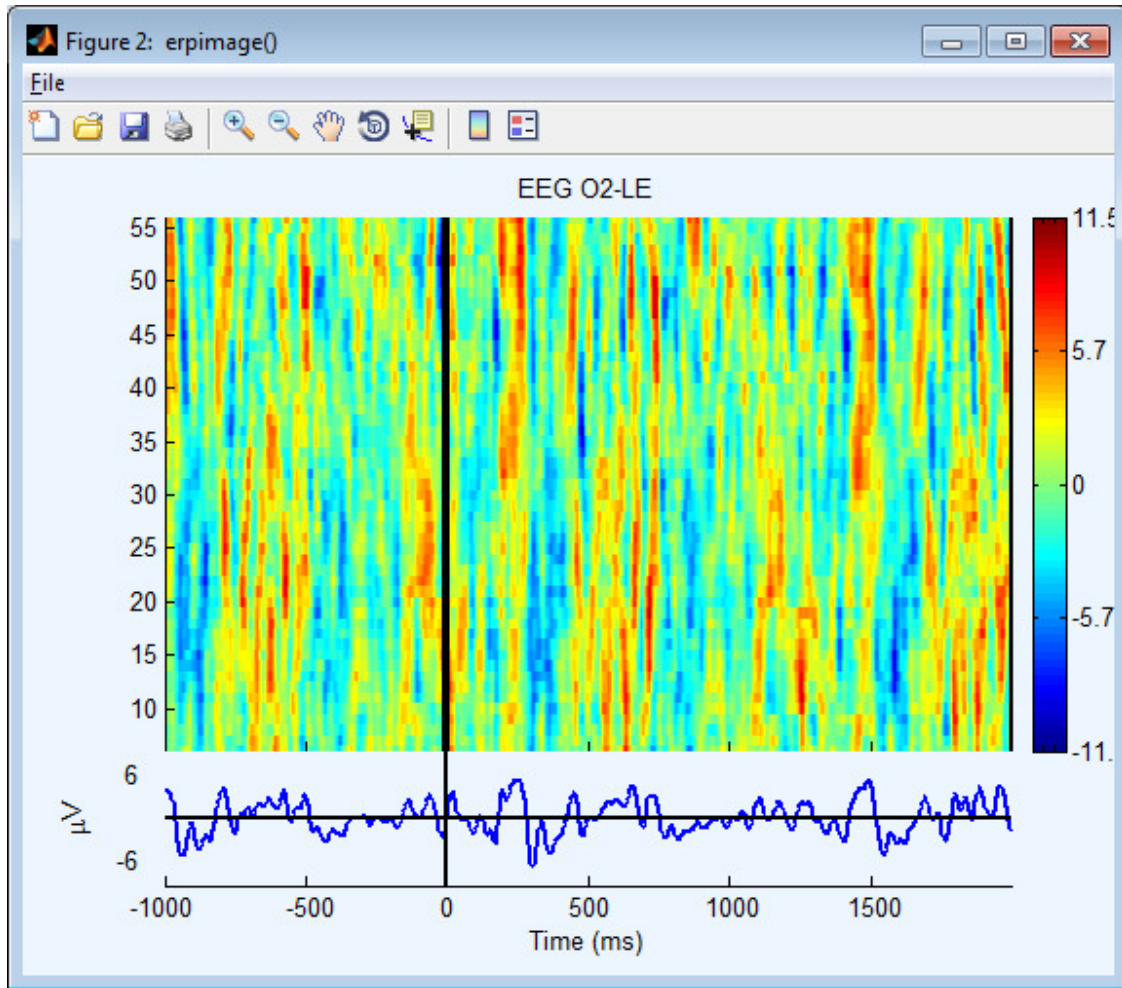
O1 is channel 5



X

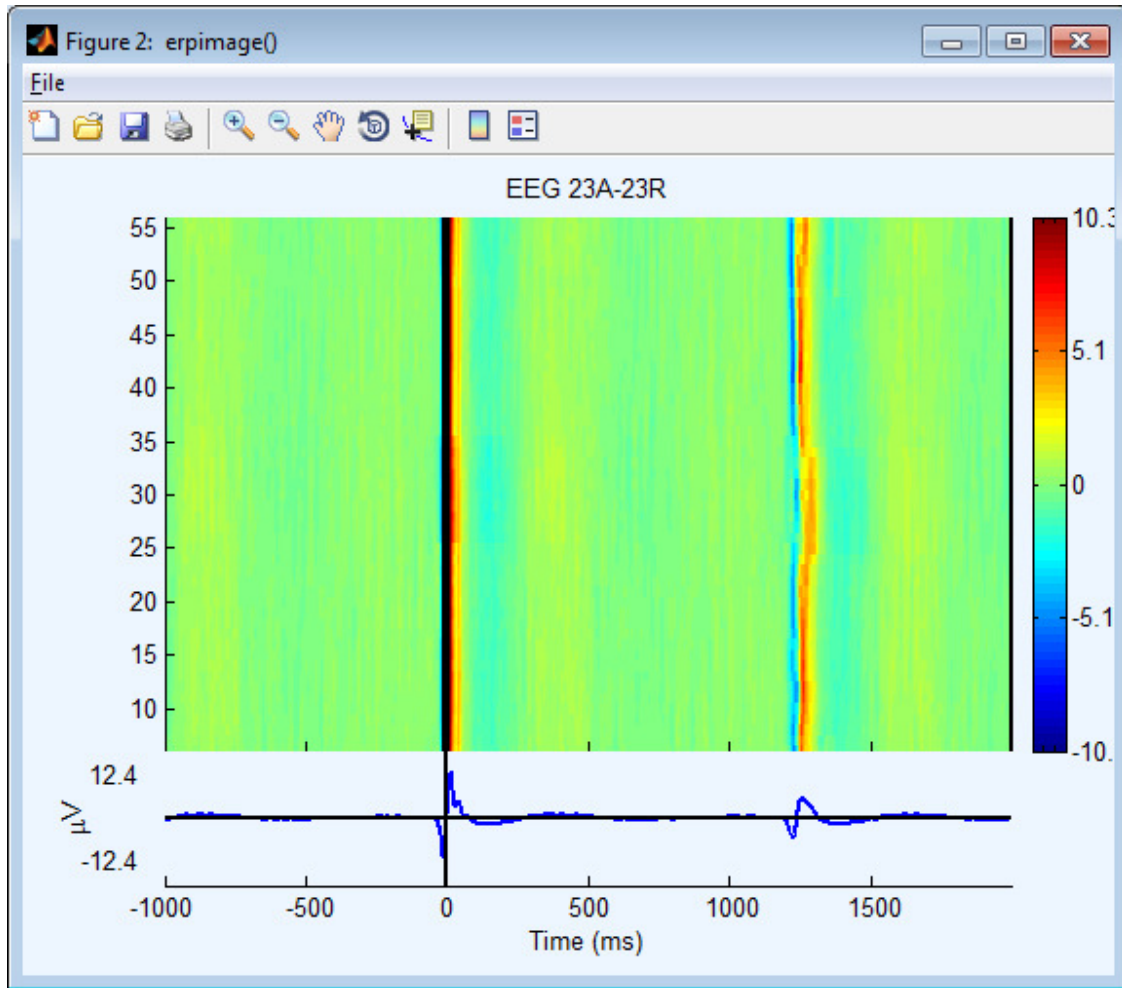


X

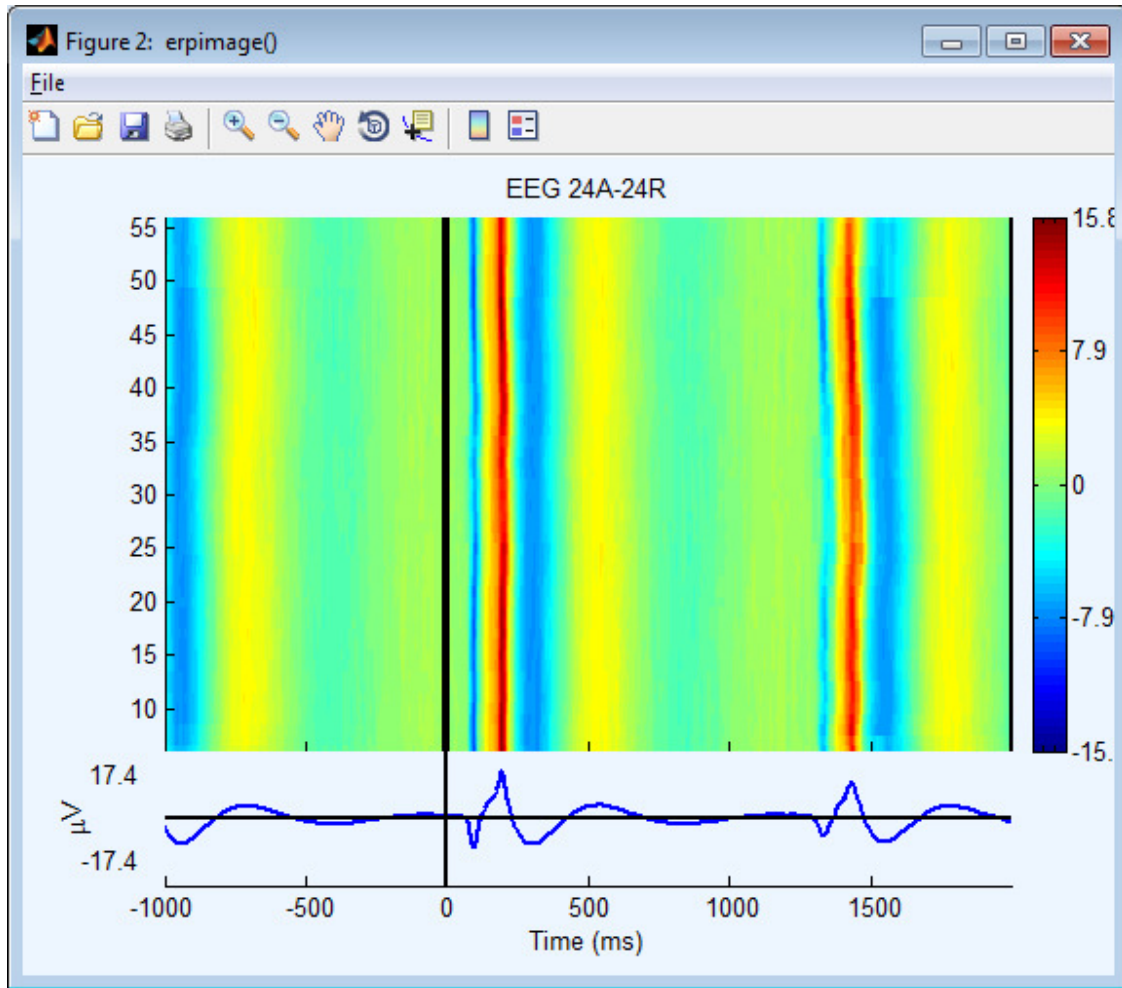


O2 is channel 14

x



Averaged sync channel



Averaged stim channel

X