

```
>> eeglab redraw
eeglab: options file is C:\Users\Lukas\eeg_options.m
EEGLAB: adding "dipfit" to the path; subfolders (if any) might be missing from the
path
EEGLAB: adding "dipfit" v2.4 (see >> help eegplugin_dipfit)
EEGLAB: adding "firfilt" v1.6.3 (see >> help eegplugin_firfilt)
pop_loadset(): loading file P:\Project_Sezen-
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs.set ...
Reading float file 'P:\Project_Sezen-
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs.fdt'...
Scaling components to RMS microvolt
eeg_checkset: recomputing the ICA activation matrix ...
Creating a new ALLEEG dataset 1
Done.
Plotting data using axis size [0.05,0.08]
limits: [xmin,xmax,ymin,ymax] = [-1000.0 1996.0 -58.81 58.81]
Plotting 1 traces of 750 frames with colors: 'b'
trace 1: Number of components not the same as number of channels.
    - component scalp maps and time courses may not be correct.
Data epoch is from -1000 ms to 1996 ms.
Plotting data from -1000 ms to 1996 ms.
Comparing maximum projections for components:

IC1 maximum mean power of back-projection: 66.8845
IC2 maximum mean power of back-projection: 1.09004
IC3 maximum mean power of back-projection: 1.68583
IC4 maximum mean power of back-projection: 45.1728
IC5 maximum mean power of back-projection: 102.809
IC6 maximum mean power of back-projection: 21.4827
IC7 maximum mean power of back-projection: 50.6627
IC8 maximum mean power of back-projection: 1.90418
IC9 maximum mean power of back-projection: 10.8456
IC10 maximum mean power of back-projection: 2.4322
IC11 maximum mean power of back-projection: 8.5905
IC12 maximum mean power of back-projection: 0.0648067
IC13 maximum mean power of back-projection: 4.80741
IC14 maximum mean power of back-projection: 4.25758
IC15 maximum mean power of back-projection: 1.92355
IC16 maximum mean power of back-projection: 20.0698
IC17 maximum mean power of back-projection: 324.281
IC18 maximum mean power of back-projection: 6.37087
IC19 maximum mean power of back-projection: 2.8175
IC20 maximum mean power of back-projection: 16.2644
IC21 maximum mean power of back-projection: 0.852866
IC22 maximum mean power of back-projection: 0.794024
IC23 maximum mean power of back-projection: 7.61679
IC24 maximum mean power of back-projection: 0.271063
IC25 maximum mean power of back-projection: 36.6733
IC26 maximum mean power of back-projection: 11.1019
IC27 maximum mean power of back-projection: 19.2669
IC28 maximum mean power of back-projection: 85.9933
IC29 maximum mean power of back-projection: 6.1628
IC30 maximum mean power of back-projection: 49.8597
IC31 maximum mean power of back-projection: 0.387917
IC32 maximum mean power of back-projection: 163.946
```

IC33 maximum mean power of back-projection: 13.383  
IC34 maximum mean power of back-projection: 0.46378  
IC35 maximum mean power of back-projection: 50.5752  
IC36 maximum mean power of back-projection: 80.6331  
IC37 maximum mean power of back-projection: 5.63502  
IC38 maximum mean power of back-projection: 8.29229  
IC39 maximum mean power of back-projection: 0.142427  
IC40 maximum mean power of back-projection: 202.934  
IC41 maximum mean power of back-projection: 72.5201  
IC42 maximum mean power of back-projection: 5.9175  
IC43 maximum mean power of back-projection: 0.387046  
IC44 maximum mean power of back-projection: 3.46324  
IC45 maximum mean power of back-projection: 92.5186  
IC46 maximum mean power of back-projection: 17.6663  
IC47 maximum mean power of back-projection: 16.0461  
IC48 maximum mean power of back-projection: 15.8614  
IC49 maximum mean power of back-projection: 0.739529  
IC50 maximum mean power of back-projection: 1.17978  
IC51 maximum mean power of back-projection: 0.684083  
IC52 maximum mean power of back-projection: 25.1419  
IC53 maximum mean power of back-projection: 15.3494  
IC54 maximum mean power of back-projection: 65.8182  
IC55 maximum mean power of back-projection: 21.2686  
IC56 maximum mean power of back-projection: 4.49147  
IC57 maximum mean power of back-projection: 17.6327  
IC58 maximum mean power of back-projection: 2.26268  
IC59 maximum mean power of back-projection: 1.4456

in the interval -1000 ms to 1996 ms.

Plotting envelopes of 7 component projections.

Topo maps will show components: 28 40 32 5 17 36 45  
with max var at times (ms): -968 312 396 824 1048 1164 1848  
epoch frames: 9 329 350 457 513 542 713  
Component sortvar in interval: 66.88 1.09 1.69 45.17 102.81 21.48 50.66  
Summed component 'ppaf' in interval [-1000 1996] ms: -22.68%  
Plot limits (sec, sec, uV, uV) [-1,1.996,-58.8112,46.3422]

>> clear all

>> close all

>> eeglab

eeglab: options file is C:\Users\Lukas\eeg\_options.m

EEGLAB: adding "ADJUST" v1.1.1 (see >> help eegplugin\_adjust)

EEGLAB: adding "CleanLine" v1.03 (see >> help eegplugin\_cleanline)

EEGLAB: adding "EYE-EEG" v0.41 (see >> help eegplugin\_eye\_eeg)

EEGLAB: adding "Fieldtrip-lite" to the path; subfolders (if any) might be missing from the path

EEGLAB: adding "HEDTools " v1.0.2 (see >> help eegplugin\_hedtools)

EEGLAB: adding "Mutual\_Info\_Clustering" v1.00 (see >> help eegplugin\_miclust)

EEGLAB: adding "PrepPipeline" v0.5 (see >> help eegplugin\_prepPipeline)

EEGLAB: adding "SASICA" v1.3.4 (see >> help eegplugin\_SASICA)

Initializing SIFT...

Start SIFTing!

EEGLAB: adding "SIFT" v1.41 (see >> help eegplugin\_sift)

EEGLAB: adding "amica" v1.5 (see >> help eegplugin\_amica)

EEGLAB: adding "bemobil\_pipeline" v0.2 (see >> help eegplugin\_bemobil\_pipeline)

```

EEGLAB: adding "clean_rawdata" v0.31 (see >> help eegplugin_clean_rawdata)
EEGLAB: adding "corrmap" v2.02 (see >> help eegplugin_corrmap)
EEGLAB: adding "dipfit" v2.3 (see >> help eegplugin_dipfit)
EEGLAB: adding "firfilt" v1.6.2 (see >> help eegplugin_firfilt)
EEGLAB: adding "iirfilt" v1.03 (see >> help eegplugin_iirfilt)
EEGLAB: adding "limo_eeg" v2.0 (see >> help eegplugin_limo)
EEGLAB: adding "mobilab" v? (see >> help eegplugin_mobilab)
EEGLAB: adding "postAmicaUtility" v1.00 (see >> help eegplugin_postAmicaUtility)
EEGLAB: adding "std_dipoleDensity" to the path; subfolders (if any) might be missing✓
from the path
EEGLAB: adding "std_dipoleDensity" v0.36 (see >> help eegplugin_std_dipoleDensity)
EEGLAB: adding "xdfimport1.13b" v1.12 (see >> help eegplugin_xdfimport)
Warning:
A newer version of EEGLAB (14.1.2) is available here
This version fixes issues with Matlab 2018a. See Release notes for more informations.
You may disable this message in the Option menu but will miss critical updates.

pop_loadset(): loading file P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs.set ...
Reading float file 'P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs.fdt'...
Scaling components to RMS microvolt
eeg_checkset: recomputing the ICA activation matrix ...
Creating a new ALLEEG dataset 1
Done.
Plotting data using axis size [0.05,0.08]
limits: [xmin,xmax,ymin,ymax] = [-1000.0 1996.0 -58.81 58.81]
Plotting 1 traces of 750 frames with colors: 'b'
trace 1: Scalp maps will show latencies: 824
          at frames: 457

IMPORTANT: After importing/modifying data channels, you must close
the channel editing window for the changes to take effect in EEGLAB.
TIP: Call this function directly from the prompt, ">> pop_chanedit([]);"
      to convert between channel location file formats
readlocs(): 'BESA' format assumed from file extension
BESA header detected, skipping three lines...
Readlocs: BESA spherical coords. converted, now deleting BESA fields
          to avoid confusion (these fields can be exported, though)
Channel lookup: no location for C7,C8,VC3
Send us standard location for your channels at eeglab@sccn.ucsd.edu
Saving dataset...
eeg_checkset note: data array made 3-D
Done.
Plotting data using axis size [0.05,0.08]
limits: [xmin,xmax,ymin,ymax] = [-1000.0 1996.0 -58.81 58.81]
Plotting 1 traces of 750 frames with colors: 'b'
trace 1:  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28✓
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57✓
58 59 60 61 62 63 64
>>
>>

pop_rmbase(): Removing baseline...
Scaling components to RMS microvolt
eeg_checkset: recomputing the ICA activation matrix ...
Done.

```

Done .

[illegible]

[illegible]

[illegible]

[illegible]

```

Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Warning: Using interpolated shading in scalp topographies prevent to export them as vectorized figures ✓
> In totoplot (line 549)
  In pop_prop (line 124)
  In inputgui (line 207)
  In pop_subcomp (line 88)
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓
Plotting input data as 591 epochs of 750 frames sampled at 250.0 Hz.
Sorting data on input sortvar.
100.00% of the trials (i.e., 591 out of 591) have the same sortvar value as at least one other trial. ✓
Distribution of number ties per unique value of sortvar:
Min: 591, 25th ptile: 591, Median: 591, 75th ptile: 591, Max: 591

Smoothing the sorted epochs with a 3-epoch moving window.
and a decimation factor of 1
The caxis range will be 0.666667 times the sym. abs. data range -> [-30.8565,30.8565].
Data will be plotted between -1000 and 1996 ms.
Output data will be 750 frames by 589 smoothed trials.
Outtrials: 2.50 to 590.50
Not all sortvar values within time vector limits:
    outliers will be shown at nearest limit.
Overplotting sorted sortvar on data.
Plotting the ERP trace below the ERP image
Done.

Computing spectra (window length 250; fft length: 250; overlap 0):
.Scaling spectrum by component RMS of scalp map power

Click on each trace for channel/component index

```



Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓  
Plotting input data as 591 epochs of 750 frames sampled at 250.0 Hz.  
Sorting data on input sortvar.  
100.00% of the trials (i.e., 591 out of 591) have the same sortvar value as at least one other trial. ✓  
Distribution of number ties per unique value of sortvar:  
Min: 591, 25th ptile: 591, Median: 591, 75th ptile: 591, Max: 591

Smoothing the sorted epochs with a 3-epoch moving window.  
and a decimation factor of 1  
The caxis range will be 0.666667 times the sym. abs. data range -> [-17.9459,17.9459].  
Data will be plotted between -1000 and 1996 ms.  
Output data will be 750 frames by 589 smoothed trials.  
Outtrials: 2.50 to 590.50  
Not all sortvar values within time vector limits:  
outliers will be shown at nearest limit.  
Overplotting sorted sortvar on data.  
Plotting the ERP trace below the ERP image  
Done.

Computing spectra (window length 250; fft length: 250; overlap 0):  
.Scaling spectrum by component RMS of scalp map power

Click on each trace for channel/component index  
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓  
Plotting input data as 591 epochs of 750 frames sampled at 250.0 Hz.  
Sorting data on input sortvar.  
100.00% of the trials (i.e., 591 out of 591) have the same sortvar value as at least one other trial. ✓  
Distribution of number ties per unique value of sortvar:  
Min: 591, 25th ptile: 591, Median: 591, 75th ptile: 591, Max: 591

Smoothing the sorted epochs with a 3-epoch moving window.  
and a decimation factor of 1  
The caxis range will be 0.666667 times the sym. abs. data range -> [-30.8565,30.8565].  
Data will be plotted between -1000 and 1996 ms.  
Output data will be 750 frames by 589 smoothed trials.  
Outtrials: 2.50 to 590.50  
Not all sortvar values within time vector limits:  
outliers will be shown at nearest limit.  
Overplotting sorted sortvar on data.  
Plotting the ERP trace below the ERP image  
Done.

Computing spectra (window length 250; fft length: 250; overlap 0):  
.Scaling spectrum by component RMS of scalp map power

Click on each trace for channel/component index  
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize extrapolation effects ✓  
Plotting input data as 591 epochs of 750 frames sampled at 250.0 Hz.  
Sorting data on input sortvar.  
100.00% of the trials (i.e., 591 out of 591) have the same sortvar value as at least one other trial. ✓

one other trial.

Distribution of number ties per unique value of sortvar:

Min: 591, 25th ptile: 591, Median: 591, 75th ptile: 591, Max: 591

Smoothing the sorted epochs with a 3-epoch moving window.

and a decimation factor of 1

The caxis range will be 0.666667 times the sym. abs. data range -> [-5.81301,5.81301].

Data will be plotted between -1000 and 1996 ms.

Output data will be 750 frames by 589 smoothed trials.

Outtrials: 2.50 to 590.50

Not all sortvar values within time vector limits:

outliers will be shown at nearest limit.

Overplotting sorted sortvar on data.

Plotting the ERP trace below the ERP image

Done.

Computing spectra (window length 250; fft length: 250; overlap 0):

.Scaling spectrum by component RMS of scalp map power

Click on each trace for channel/component index

Warning: When plotting pvalues in totoplot, use option 'conv' to minimize  
extrapolation effects

Plotting input data as 591 epochs of 750 frames sampled at 250.0 Hz.

Sorting data on input sortvar.

100.00% of the trials (i.e., 591 out of 591) have the same sortvar value as at least  
one other trial.

Distribution of number ties per unique value of sortvar:

Min: 591, 25th ptile: 591, Median: 591, 75th ptile: 591, Max: 591

Smoothing the sorted epochs with a 3-epoch moving window.

and a decimation factor of 1

The caxis range will be 0.666667 times the sym. abs. data range -> [-28.0063,28.0063].

Data will be plotted between -1000 and 1996 ms.

Output data will be 750 frames by 589 smoothed trials.

Outtrials: 2.50 to 590.50

Not all sortvar values within time vector limits:

outliers will be shown at nearest limit.

Overplotting sorted sortvar on data.

Plotting the ERP trace below the ERP image

Done.

Computing spectra (window length 250; fft length: 250; overlap 0):

.Scaling spectrum by component RMS of scalp map power

Click on each trace for channel/component index

>> EEG

EEG =

struct with fields:

setname: 'epochs'

filename: 'epochs.set'

filepath: 'P:\Project\_Sezen-✓

EMS\_VR\data\4\_single\_subject\_analysis\ERSPs\box\_touch\1\'



Warning: When plotting pvalues in totoplot, use option 'conv' to minimize ✓

```

extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Warning: When plotting pvalues in totoplot, use option 'conv' to minimize
extrapolation effects
Computing projection ....

limits: [xmin,xmax,ymin,ymax] = [-1000.0 1996.0 -23.32 35.48]

Plotting 2 traces of 750 frames with colors: r b ->

trace 1: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57
58 59 60 61 62 63 64
trace 2: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57
58 59 60 61 62 63 64
Operation terminated by user during axcopy (line 78)

In plotdata (line 535)
axcopy(gcf, 'axis on');

In pop_subcomp (line 129)
plotdata(tracing, EEG.pnts, [EEG.xmin*1000 EEG.xmax*1000 0 0], ...

Interrupt while evaluating Menu Callback.

Operation terminated by user

Computing projection ....

```

```
Components removed
eeg_checkset: recomputing the ICA activation matrix ...
Creating a new ALLEEG dataset 2
Done.
>> plot_erp({EEG}, 'Cz')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)

ans =

Figure (2) with properties:

    Number: 2
    Name: ''
    Color: [1 1 1]
    Position: [300 400 600 425]
    Units: 'pixels'

Show all properties

Removing 519 trial(s)...
Pop_select: removing 1015 unreferenced events
eeg_checkset: found empty values for field 'cube'
               filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
               filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
               filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset: found empty values for field 'cube'
               filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
               filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
               filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'cube' made uniform
Warning: no filename given for new dataset, so it will not be saved to disk.
Creating a new ALLEEG dataset 3
Done.
Saving dataset...
Done.
Removing 350 trial(s)...
Pop_select: removing 556 unreferenced events
eeg_checkset: found empty values for field 'box'
               filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'trial_nr'
               filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'cube'
               filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'isi_time'
               filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'reaction_time'
               filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'vibro_duration'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
              filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'box' made uniform
eeg_checkset note: value format of event field 'trial_nr' made uniform
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset note: value format of event field 'isi_time' made uniform
eeg_checkset note: value format of event field 'reaction_time' made uniform
eeg_checkset note: value format of event field 'vibro_duration' made uniform
eeg_checkset: found empty values for field 'box'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'trial_nr'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'cube'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'isi_time'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'reaction_time'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibro_duration'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
              filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
              filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'box' made uniform
eeg_checkset note: value format of event field 'trial_nr' made uniform
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset note: value format of event field 'isi_time' made uniform
eeg_checkset note: value format of event field 'reaction_time' made uniform
eeg_checkset note: value format of event field 'vibro_duration' made uniform
Saving dataset...
Creating a new ALLEEG dataset 4
Done.
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'Cz')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

Figure (2) with properties:

```
    Number: 2
    Name: ''
    Color: [1 1 1]
    Position: [300 400 600 425]
```

Units: 'pixels'

Show all properties

```
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'F3')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

ans =

Figure (3) with properties:

```
Number: 3
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'F1')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

ans =

Figure (3) with properties:

```
Number: 3
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'F1', 'plotstd')
Error using plot_erp (line 154)
No value was given for 'plotstd'. Name-value pair arguments require a name followed by a value.
```

```
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'F1', 'plotstd', 'fill')
Warning: The LineSmoothing property will be removed in a future release.
```



```
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

Figure (3) with properties:

```
    Number: 3
    Name: ''
    Color: [1 1 1]
    Position: [300 400 600 425]
    Units: 'pixels'
```

Show all properties

```
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'Pz', 'plotstd', 'fill')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

Figure (4) with properties:

```
    Number: 4
    Name: ''
    Color: [1 1 1]
    Position: [300 400 600 425]
    Units: 'pixels'
```

Show all properties

```
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'AF7', 'plotstd', 'fill')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

Figure (5) with properties:

```
Number: 5
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'AF8', 'plotstd', 'fill')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

ans =

Figure (6) with properties:

```
Number: 6
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({ALLEEG(3), ALLEEG(4)}, 'Oz', 'plotstd', 'fill')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

ans =

Figure (5) with properties:

```
Number: 5
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> help subplot
subplot Create axes in tiled positions.
```

`H = subplot(m,n,p)`, or `subplot(mnp)`, breaks the Figure window into an `m`-by-`n` matrix of small axes, selects the `p`-th axes for the current plot, and returns the axes handle. The axes are counted along the top row of the Figure window, then the second row, etc. For example,

```
subplot(2,1,1), PLOT(income)
subplot(2,1,2), PLOT(outgo)
```

plots income on the top half of the window and outgo on the bottom half. If the `CurrentAxes` is nested in a `uipanel` the panel is used as the parent for the subplot instead of the current figure.

`subplot(m,n,p)`, if the axes already exists, makes it current.

`subplot(m,n,p,'replace')`, if the axes already exists, deletes it and creates a new axes.

`subplot(m,n,p,'align')` places the axes so that the plot boxes are aligned, but does not prevent the labels and ticks from overlapping.

`subplot(m,n,P)`, where `P` is a vector, specifies an axes position that covers all the subplot positions listed in `P`.

`subplot(H)`, where `H` is an axes handle, is another way of making an axes current for subsequent plotting commands.

`subplot('position',[left bottom width height])` creates an axes at the specified position in normalized coordinates (in the range from 0.0 to 1.0).

`subplot(..., PROP1, VALUE1, PROP2, VALUE2, ...)` sets the specified property-value pairs on the subplot axes. To add the subplot to a specific figure pass the figure handle as the value for the 'Parent' property.

If a subplot specification causes a new axes to overlap an existing axes, the existing axes is deleted - unless the position of the new and existing axes are identical. For example, the statement `subplot(1,2,1)` deletes all existing axes overlapping the left side of the Figure window and creates a new axes on that side - unless there is an axes there with a position that exactly matches the position of the new axes (and 'replace' was not specified), in which case all other overlapping axes will be deleted and the matching axes will become the current axes.

`subplot(111)` is an exception to the rules above, and is not identical in behavior to `subplot(1,1,1)`. For reasons of backwards compatibility, it is a special case of subplot which does not immediately create an axes, but instead sets up the figure so that the next graphics command executes `CLF RESET` in the figure (deleting all children of the figure), and creates a new axes in the default position. This syntax does not return a handle, so it is an error to specify a return argument. The delayed `CLF RESET` is accomplished by setting the figure's `NextPlot` to 'replace'.

Be aware when creating subplots from scripts that the `Position`

property of subplots is not finalized until either a drawnow command is issued, or MATLAB returns to await a user command. That is, the value obtained for subplot i by the command `h(i).Position` will not be correct until the script refreshes the plot or exits.

See also `gca`, `gcf`, `axes`, `figure`, `uipanel`

Reference page for subplot

```
>> {EEG.chanlocs.labels}
```

```
ans =
```

```
1×64 cell array
```

```
Columns 1 through 21
```

```
'Fp1'    'Fp2'    'F7'    'F3'    'Fz'    'F4'    'F8'    'FC5'    'FC1'    'FC2' ✓
'FC6'    'C7'    'C3'    'Cz'    'C4'    'C8'    'TP9'    'CP5'    'CP1'    'CP2' ✓
'CP6'
```

```
Columns 22 through 42
```

```
'TP10'    'P7'    'P3'    'Pz'    'P4'    'P8'    'PO9'    'O1'    'Oz'    'O2' ✓
'PO10'    'AF7'    'AF3'    'AF4'    'AF8'    'F5'    'F1'    'F2'    'F6'    'FT9' ✓
'FT7'
```

```
Columns 43 through 63
```

```
'VC3'    'FC4'    'FT8'    'FT10'    'C5'    'C1'    'C2'    'C6'    'TP7' ✓
'CP3'    'CPz'    'CP4'    'TP8'    'P5'    'P1'    'P2'    'P6'    'PO7'    'PO3' ✓
'POz'    'PO4'
```

```
Column 64
```

```
'PO8'
```

```
>> s = {EEG.chanlocs.labels}
```

```
s =
```

```
1×64 cell array
```

```
Columns 1 through 21
```

```
'Fp1'    'Fp2'    'F7'    'F3'    'Fz'    'F4'    'F8'    'FC5'    'FC1'    'FC2' ✓
'FC6'    'C7'    'C3'    'Cz'    'C4'    'C8'    'TP9'    'CP5'    'CP1'    'CP2' ✓
'CP6'
```

```
Columns 22 through 42
```

```
'TP10'    'P7'    'P3'    'Pz'    'P4'    'P8'    'PO9'    'O1'    'Oz'    'O2' ✓
'PO10'    'AF7'    'AF3'    'AF4'    'AF8'    'F5'    'F1'    'F2'    'F6'    'FT9' ✓
'FT7'
```

Columns 43 through 63

```

    'VC3'    'FC4'    'FT8'    'FT10'    'C5'    'C1'    'C2'    'C6'    'TP7' ↙
'CP3'    'CPz'    'CP4'    'TP8'    'P5'    'P1'    'P2'    'P6'    'PO7'    'PO3' ↘
'POz'    'PO4'

```

Column 64

```
'PO8'
```

```
pop_eegfiltnew() - performing 827 point bandpass filtering.
```

```
pop_eegfiltnew() - transition band width: 1 Hz
```

```
pop_eegfiltnew() - passband edge(s): [1 40] Hz
```

```
pop_eegfiltnew() - cutoff frequency(ies) (-6 dB): [0.5 40.5] Hz
```

```
pop_eegfiltnew() - filtering the data (zero-phase)
```

```
firfilt(): |=====| 100%, ETE 00:00
```

```
Saving dataset...
```

```
Creating a new ALLEEG dataset 5
```

```
Done.
```

```
Removing 350 trial(s)...
```

```
Pop_select: removing 556 unreferenced events
```

```
eeg_checkset: found empty values for field 'box'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'trial_nr'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'cube'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'isi_time'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'reaction_time'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'vibro_duration'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'visualFeedback'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'block'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset note: value format of event field 'box' made uniform
```

```
eeg_checkset note: value format of event field 'trial_nr' made uniform
```

```
eeg_checkset note: value format of event field 'cube' made uniform
```

```
eeg_checkset note: value format of event field 'isi_time' made uniform
```

```
eeg_checkset note: value format of event field 'reaction_time' made uniform
```

```
eeg_checkset note: value format of event field 'vibro_duration' made uniform
```

```
eeg_checkset: found empty values for field 'box'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'trial_nr'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'cube'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'isi_time'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'reaction_time'
```

```
    filling with values of other events in the same epochs
```

```
eeg_checkset: found empty values for field 'vibro_duration'
```

```

        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
        filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'box' made uniform
eeg_checkset note: value format of event field 'trial_nr' made uniform
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset note: value format of event field 'isi_time' made uniform
eeg_checkset note: value format of event field 'reaction_time' made uniform
eeg_checkset note: value format of event field 'vibro_duration' made uniform
Saving dataset...
Creating a new ALLEEG dataset 6
Done.
>> eegh
[ALLEEG EEG CURRENTSET ALLCOM] = eeglab;
EEG = pop_loadset('filename','epochs.set','filepath','P:\\Project_Sezen-
EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\');
[ALLEEG, EEG, CURRENTSET] = eeg_store( ALLEEG, EEG, 0 );
EEG = eeg_checkset( EEG );
EEG=pop_chanedit(EEG, 'lookup','P:\\Lukas_Gehrke\\eeglab-by-
marius\\eeglab14_1_0b\\plugins\\dipfit2.3\\standard_BESA\\standard-10-5-cap385.elp');
[ALLEEG EEG] = eeg_store(ALLEEG, EEG, CURRENTSET);
EEG = eeg_checkset( EEG );
EEG = pop_saveset( EEG, 'savemode','resave');
[ALLEEG EEG] = eeg_store(ALLEEG, EEG, CURRENTSET);
EEG = eeg_checkset( EEG );
figure; pop_plottopo(EEG, [1:64] , 'epochs', 0, 'ydir',1);
EEG = eeg_checkset( EEG );
EEG = pop_rmbase( EEG, [-1000      0]);
[ALLEEG EEG] = eeg_store(ALLEEG, EEG, CURRENTSET);
EEG = eeg_checkset( EEG );
EEG = pop_saveset( EEG, 'savemode','resave');
[ALLEEG EEG] = eeg_store(ALLEEG, EEG, CURRENTSET);
EEG = eeg_checkset( EEG );
pop_topoplot(EEG,0, [1:59] , 'epochs',[8 8] ,0, 'electrodes','on');
EEG = eeg_checkset( EEG );
pop_selectcomps(EEG, [1:59] );
[ALLEEG EEG] = eeg_store(ALLEEG, EEG, CURRENTSET);
EEG = eeg_checkset( EEG );
EEG = pop_subcomp( EEG, [4 5], 0);
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 1,'gui','off');
EEG = eeg_checkset( EEG );
EEG = pop_selectevent( EEG, 'condition',{'vibro'}, 'normal_or_conflict',
1, 'deleteevents','off', 'deleteepochs','on', 'invertepochs','off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 2,'gui','off');
EEG = eeg_checkset( EEG );
EEG = pop_saveset( EEG, 'filename','epochs_vibro1.set','filepath','P:\\Project_Sezen-
EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\');
[ALLEEG EEG] = eeg_store(ALLEEG, EEG, CURRENTSET);
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 3,'retrieve',2,'study',0);
EEG = eeg_checkset( EEG );
EEG = pop_selectevent( EEG, 'condition',{'vibro'}, 'normal_or_conflict',
0, 'deleteevents','off', 'deleteepochs','on', 'invertepochs','off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 2,'savenew','P:\\Project_Sezen-
```

```

EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\epochs_vibro0.
set','gui','off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 4,'retrieve',2,'study',0);
EEG = pop_eegfiltnew(EEG, 1,40,826,0,[],1);
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 2,'savenew','P:\\Project_Sezen-
EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\epochs_vibro0.
set','gui','off');
EEG = eeg_checkset( EEG );
EEG = pop_selectevent( EEG, 'condition',{'vibro'},'normal_or_conflict',
0,'deleteevents','off','deleteepochs','on','invertepochs','off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 5,'savenew','P:\\Project_Sezen-
EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\epochs_vibro0.
set','gui','off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 6,'retrieve',5,'study',0);
EEG = eeg_checkset( EEG );
>> EEG = pop_selectevent( EEG, 'condition',{'vibro'},'normal_or_conflict',
1,'deleteevents','off','deleteepochs','on','invertepochs','off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 5,'savenew','P:\\Project_Sezen-
EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\epochs_vibro1.
set','gui','off');
Removing 519 trial(s)...
Pop_select: removing 1015 unreferenced events
eeg_checkset: found empty values for field 'cube'
            filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
            filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
            filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset: found empty values for field 'cube'
            filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
            filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
            filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'cube' made uniform
Saving dataset...
Creating a new ALLEEG dataset 7
>> EEG = pop_selectevent( EEG, 'condition',{'visual'},'normal_or_conflict',
0,'deleteevents','off','deleteepochs','on','invertepochs','off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 5,'savenew','P:\\Project_Sezen-
EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\epochs_visual0.
set','gui','off');
Warning: 'condition' field value 'visual' not found
Error using pop_selectevent (line 500)
Empty dataset: all epochs have been removed

>> EEG = pop_selectevent( EEG, 'condition',{'visual'},'normal_or_conflict',
0,'deleteevents','off','deleteepochs','on','invertepochs','off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 5,'savenew','P:\\Project_Sezen-
EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\epochs_visual0.
set','gui','off');
Removing 366 trial(s)...
Pop_select: removing 879 unreferenced events
eeg_checkset: found empty values for field 'cube'

```

```

        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibroFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibro_duration'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
        filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset note: value format of event field 'visualFeedback' made uniform
eeg_checkset: found empty values for field 'cube'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibroFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibro_duration'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
        filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset note: value format of event field 'visualFeedback' made uniform
Saving dataset...
Creating a new ALLEEG dataset 8
>> EEG = pop_selectevent( EEG, 'condition',{ 'visual'}, 'normal_or_conflict',
1, 'deleteevents', 'off', 'deleteepochs', 'on', 'invertepochs', 'off');
[ALLEEG EEG CURRENTSET] = pop_newset(ALLEEG, EEG, 5, 'savenew', 'P:\\Project_Sezen-
EMS_VR\\data\\4_single_subject_analysis\\ERSPs\\box_touch\\1\\epochs_visuall.
set', 'gui', 'off');
Removing 516 trial(s)...
Pop_select: removing 1099 unreferenced events
eeg_checkset: found empty values for field 'cube'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibroFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'reaction_time'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibro_duration'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
        filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset note: value format of event field 'reaction_time' made uniform
eeg_checkset note: value format of event field 'visualFeedback' made uniform
Event resorted by increasing latencies.
eeg_checkset: found empty values for field 'cube'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibroFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'reaction_time'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'vibro_duration'

```



```

        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'visualFeedback'
        filling with values of other events in the same epochs
eeg_checkset: found empty values for field 'block'
        filling with values of other events in the same epochs
eeg_checkset note: value format of event field 'cube' made uniform
eeg_checkset note: value format of event field 'reaction_time' made uniform
eeg_checkset note: value format of event field 'visualFeedback' made uniform
Event resorted by increasing latencies.
Saving dataset...
Creating a new ALLEEG dataset 9
>> clear all
>> eeglab redraw
pop_loadset(): loading file P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs_visual1.set ...
pop_loadset(): loading file P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs_visual0.set ...
pop_loadset(): loading file P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs_vibro1.set ...
pop_loadset(): loading file P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs_vibro0.set ...
Reading float file 'P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs_visual1.fdt'...
eeg_checkset: recomputing the ICA activation matrix ...
Reading float file 'P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs_visual0.fdt'...
eeg_checkset: recomputing the ICA activation matrix ...
Reading float file 'P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs_vibro1.fdt'...
eeg_checkset: recomputing the ICA activation matrix ...
Reading float file 'P:\Project_Sezen-✓
EMS_VR\data\4_single_subject_analysis\ERSPs\box_touch\1\epochs_vibro0.fdt'...
eeg_checkset: recomputing the ICA activation matrix ...
Creating a new ALLEEG dataset 1
Creating a new ALLEEG dataset 2
Creating a new ALLEEG dataset 3
Creating a new ALLEEG dataset 4
Done.
>> plot_erp({ALLEEG(1), ALLEEG(2)}, 'Cz')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)

```

ans =

Figure (2) with properties:

```

Number: 2
Name: ''
Color: [1 1 1]

```

```
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({ALLEEG(1,3), ALLEEG(2,4)}, 'Cz')
Index exceeds matrix dimensions.
```

```
>> plot_erp({ALLEEG(1;3), ALLEEG(2;4)}, 'Cz')
plot_erp({ALLEEG(1;3), ALLEEG(2;4)}, 'Cz')
      ↑
```

```
Error: Unbalanced or unexpected parenthesis or bracket.
```

```
>> plot_erp({{ALLEEG(1), ALLEEG(3)}, ALLEEG(4)}, 'Cz')
Warning: plotstd: Cannot calculate standard error on single sample
> In plot_erp (line 244)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

Figure (2) with properties:

```
Number: 2
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({{ALLEEG(1), ALLEEG(3)}, {ALLEEG(2), ALLEEG(4)}}, 'Cz')
plot_erp({{ALLEEG(1), ALLEEG(3)}, {ALLEEG(2), ALLEEG(4)}}, 'Cz')
      ↑
```

```
Error: Unbalanced or unexpected parenthesis or bracket.
```

Did you mean:

```
>> plot_erp({{ALLEEG(1), ALLEEG(3)}, {ALLEEG(2), ALLEEG(4)}}}, 'Cz')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

Figure (2) with properties:

```
Number: 2
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({{ALLEEG(1), ALLEEG(3)}, {ALLEEG(2), ALLEEG(4)}},'Oz')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

ans =

Figure (3) with properties:

```
Number: 3
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({{ALLEEG(1), ALLEEG(2)}, {ALLEEG(3), ALLEEG(4)}},'Oz')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

ans =

Figure (3) with properties:

```
Number: 3
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({{ALLEEG(1), ALLEEG(2)}, {ALLEEG(3), ALLEEG(4)}},'Cz')
```

```
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

```
Figure (3) with properties:
```

```
    Number: 3
      Name: ''
    Color: [1 1 1]
  Position: [300 400 600 425]
     Units: 'pixels'
```

```
Show all properties
```

```
>> plot_erp({{ALLEEG(1), ALLEEG(2)}, {ALLEEG(3), ALLEEG(4)}},'Cz','plotstd','fill')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

```
Figure (3) with properties:
```

```
    Number: 3
      Name: ''
    Color: [1 1 1]
  Position: [300 400 600 425]
     Units: 'pixels'
```

```
Show all properties
```

```
>> plot_erp({{ALLEEG(1), ALLEEG(2)}, {ALLEEG(3), ALLEEG(4)}},'Pz','plotstd','fill')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

```
ans =
```

Figure (3) with properties:

```
Number: 3
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

```
>> plot_erp({{ALLEEG(1), ALLEEG(2)}, {ALLEEG(3), ALLEEG(4)}},'Fz','plotstd','fill')
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
Warning: The LineSmoothing property will be removed in a future release.
> In plot_erp (line 319)
```

ans =

Figure (3) with properties:

```
Number: 3
Name: ''
Color: [1 1 1]
Position: [300 400 600 425]
Units: 'pixels'
```

Show all properties

>>