Opening raw data file C:\Users\Admin\mne\_data\MNE-sample-data\MEG\sample\sample\_audvis\_filt-0-40\_raw.fif...

Read a total of 4 projection items:

PCA-v1 (1 x 102) idle

PCA-v2 (1 x 102) idle

PCA-v3 (1 x 102) idle

Average EEG reference (1 x 60) idle

Range : 6450 ... 48149 = 42.956 ... 320.665 secs

Ready.

-----------------------------------------------------------------------------------------------------------------------------------------

<Raw | sample\_audvis\_filt-0-40\_raw.fif, 376 x 41700 (277.7 s), ~3.2 MB, data not loaded>

------------------------------------------------------------------------------------------------------------------------------------------

<Info | 15 non-empty values

bads: 2 items (MEG 2443, EEG 053)

ch\_names: MEG 0113, MEG 0112, MEG 0111, MEG 0122, MEG 0123, MEG 0121, MEG ...

chs: 204 Gradiometers, 102 Magnetometers, 9 Stimulus, 60 EEG, 1 EOG

custom\_ref\_applied: False

dev\_head\_t: MEG device -> head transform

dig: 146 items (3 Cardinal, 4 HPI, 61 EEG, 78 Extra)

file\_id: 4 items (dict)

highpass: 0.1 Hz

hpi\_meas: 1 item (list)

hpi\_results: 1 item (list)

lowpass: 40.0 Hz

meas\_date: 2002-12-03 19:01:10 UTC

meas\_id: 4 items (dict)

nchan: 376

projs: PCA-v1: off, PCA-v2: off, PCA-v3: off, Average EEG reference: off

sfreq: 150.2 Hz

-----------------------------------------------------------------------------------------------------------------------------

Effective window size : 13.639 (s)

Using matplotlib as 2D backend.

Fitting ICA to data using 364 channels (please be patient, this may take a while)

Selecting by number: 20 components

Fitting ICA took 13.6s.

Using multitaper spectrum estimation with 7 DPSS windows

Not setting metadata

138 matching events found

No baseline correction applied

0 projection items activated

Not setting metadata

138 matching events found

No baseline correction applied

0 projection items activated

------------------------------------------------------------------------------------------------------------------------------------

Not setting metadata

138 matching events found

No baseline correction applied

0 projection items activated

Channels marked as bad:

['MEG 2443', 'EEG 053']

Reading 0 ... 41699 = 0.000 ... 277.709 secs...

Applying ICA to Raw instance

Transforming to ICA space (20 components)

Zeroing out 2 ICA components

Projecting back using 364 PCA components

---------------------------------------------------------------------------------------------------------------------------------------

319 events found on stim channel STI 014

Event IDs: [ 1 2 3 4 5 32]

[[6994 0 2]

[7086 0 3]

[7192 0 1]

[7304 0 4]

[7413 0 2]]

Channels marked as bad:

['MEG 2443', 'EEG 053']

Channels marked as bad:

['MEG 2443', 'EEG 053']