SIGNAL PROCESSING IN MNE: DAY 1

1 - TIMESERIES DATA THE RAW CLASS

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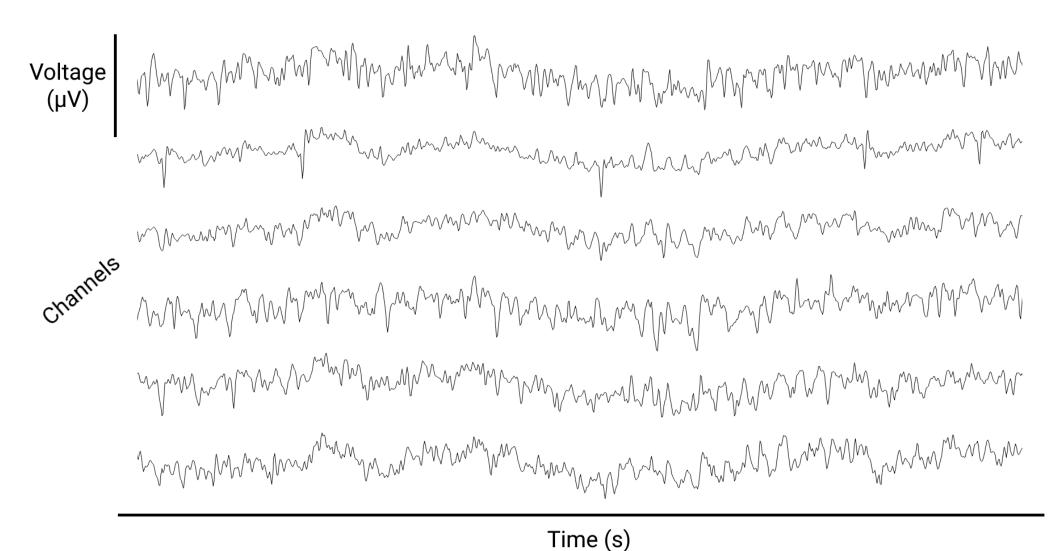








Timeseries data



Timeseries data



Install Documentation API Reference Get help Development





Section Navigation

Most-used classes mne.io.Raw mne.Epochs mne.Evoked mne.Info Reading raw data File I/O Creating data objects from arrays Exporting Datasets Visualization Preprocessing Events Sensor Space Data Covariance computation MRI Processing

mne.io.Raw

```
class mne.io.Raw(fname, allow_maxshield=False, preload=False,
on split missing='raise', verbose=None)
```

[source]

Raw data in FIF format.

Parameters:

fname: path-like | file-like

The raw filename to load. For files that have automatically been split, the split part will be automatically loaded. Filenames not ending with raw.fif, raw sss.fif, raw tsss.fif, meg.fif, eeg.fif, or ieeg.fif (with or without an optional additional .gz extension) will generate a warning. If a file-like object is provided, preloading must be used.

Changed in version 0.18: Support for file-like objects.

allow_maxshield : bool | str (default False)

If True, allow loading of data that has been recorded with internal active compensation (MaxShield). Data recorded with MaxShield should generally not be loaded directly, but should first be processed using SSS/tSSS to remove the compensation signals that may also affect brain activity. Can also be "yes" to load without eliciting a warning.

Onto the notebook...

Conclusion

• Timeseries data stored in Raw & RawArray objects

Can be loaded from data on disk

```
read_raw_xxx() → Raw
```

Can be created from data arrays

```
array (channels, times) → RawArray
```

 Various methods for manipulating and visualising data stored in Raw objects