File formats

.eeg

16-bit binary file. This contains local field potential signals (lowpass filtered signals at 800 Hz) at 1 kS. For the file format, please refer to the link in the Reference section below.

.clu

ASCII file. This contains cluster numbers of each unit. For the file format, please refer to the link below. The first element indicates the total number of clusters. For each cluster number, 0 and 1 are categorised as artefact and noisy cluster, respectively. To assess single- or multi-unit activity, 0 & 1 should be ignored.

.res

ASCII file. This contains data points of spike events. As the original data was recorded at 20 kS, the numbers in this file can be divided by 20 to convert into msec. For the file format, please refer to the link below.

.evt

ASCII file. This contains time (in ms) and type information of optical stimulations. For the file format, please refer to the link below.

.ord

ASCII file. This contains the order of stimulus presentations.

.lbl

ASCII file. This contains information about stimulation presented.

.qual

ASCII file. This contains information about isolation distance and the number of events for each cluster.

.celltype.mat

MATLAB mat file. This contains basic information (e.g., spike waveform measurements) for each cluster.

Reference

http://neurosuite.sourceforge.net/formats.html

For more details, please contact Dr Shuzo Sakata (shuzo.sakata@strath.ac.uk).