## NSx structure

Field 📤	Value
■ MetaTags	<1x1 struct>
🚻 Data	<43x274470 int16>
■ RawData	<1x1 struct>
ElectrodesInfo	<1x43 struct>

NS.MetaTags <1x1 struct>		
Field 📤	Value	
FileTypeID	'NEURALCD'	
SamplingLabel	$<1x16$ char> $\longrightarrow$ 30 kS/s	
H ChannelCount	43	
→ SamplingFreq	30000	
TimeRes	30000	
H ChannelID	<43x1 uint16>	
■ DateTime	'9/26/2014 Monday 11:0:59.761'	
■ DateTimeRaw	[2014 9 3 24 11 0 59 761]	
<b>≥</b> Comment	<1x256 char>	
abc FileSpec	'2.3'	
Timestamp	0	
→ DataPoints	274470	
→ DataDurationSec	9.1490	
abc openNSxver	'5.2.2.0'	
abc Filename	'20140924-130059-001.ns5'	
abc FilePath	'C:\Users\deudon\Desktop\HFO	
FileExt	'.ns5'	

NS.RawData <1x1 struct>		
Field 📤	Value	
H PausedFile	0	
Headers	<3152x1 uint8>	
■ DataHeader	[1;0;0;0;0;38;48;4;0]	

NS.ElectrodesInfo(1, 1) <1x1 struct>		
Field 📤	Value	
<u>₃</u> Type	'CC'	
ElectrodeID	1	
abc Label	$<1x16$ char> $\longrightarrow$ LP'1	
ConnectorBank	'A'	
ConnectorPin	1	
→ MinDigiValue	-32764	
→ MaxDigiValue	32764	
→ MinAnalogValue	-8191	
→ MaxAnalogValue	8191	
AnalogUnits	<1x16 char> $\longrightarrow$ uV	
<b>HighFreqCorner</b>	300	
HighFreqOrder	1	
HighFilterType	1	
LowFreqCorner	7500000	
LowFreqOrder	3	
H LowFilterType	1	

## LLCI VD c+knotuko

EEG ×		
EEG <1x1 struct>		
Field 📤	Value	
-		
setname	'EDF file'	
filename		
filepath	"	
subject		
group		
condition		
session	[]	
comments	'Original file: C:\Users\deudon\	
nbchan n	104	
trials trials	1	
pnts	294912	
srate	2048	
xmin	0	
xmax	143.9995	
times times	<1x294912 double>	
data data	<104x294912 single>	
icaact	[]	
icawinv	[]	
icasphere	[]	
icaweights	[]	
cachansind	[]	
chanlocs	<104x1 struct>	$\longrightarrow$
urchanlocs	[]	
chaninfo [	<1x1 struct>	
ref	'common'	
<b></b> event	<1x1 struct>	
urevent	<1x1 struct>	
eventdescription	<1x3 cell>	
epoch .		
epochdescription	<0x0 cell>	
reject	<1x1 struct>	
stats	<1x1 struct>	
specdata	[]	
specicaact	ii	
splinefile	"	
icasplinefile	II .	
dipfit	[]	
history	<1x86 char>	
saved	'no'	
etc	<1x1 struct>	
datfile	II	

EEG.chanlocs(1, 1) <1x1 struct>			
ield 📤	Value		
labels	'EEG A'1-A'2'		
ref	II .		
theta	[]		
radius	[]		
X	[]		
Y	[]		
<b>∃</b> Z	[]		
sph_theta	[]		
sph_phi	[]		
sph_radius	[]		
type	"		
urchan	[]		

## NSx structure EEGLAB structure Correspondance EEG × Field A Value EEG <1x1 struct> MetaTags <1x1 struct> Data <43x274470 int16> Value Field A Conversion intle vers double ■ RawData <1x1 struct> 'EDF file' setname ElectrodesInfo <1x43 struct> filename filepath subject group condition session 'Original file: C:\Users\deudon\... comments nbchan 104 trials 294912 NS.MetaTags <1x1 struct> pnts 2048 srate Field A Value xmin 143,9995 xmax FileTypeID 'NEURALCD' times <1x294912 double> 30 kS/s SamplingLabel <1x16 char> data <104x294912 single> 43 ChannelCount icaact [] SamplingFreq 30000 icawiny [] icasphere TimeRes 30000 icaweights [] ChannelID <43x1 uint16> icachansind abc DateTime '9/26/2014 Monday 11:0:59.761' chanlocs <104x1 struct> → DateTimeRaw [2014 9 3 24 11 0 59 761] urchanlocs **≥** Comment <1x256 char> chaninfo <1x1 struct> FileSpec '2.3' ref 'common' <1x1 struct> Timestamp event <1x1 struct> DataPoints urevent 274470 eventdescription <1x3 cell> DataDurationSec 9.1490 epoch [] openNSxver '5.2.2.0' <0x0 cell> epochdescription abc Filename '20140924-130059-001.ns5' reject <1x1 struct> abc FilePath 'C:\Users\deudon\Desktop\HFO... stats <1x1 struct> abc FileExt [] '.ns5' specdata specicaact splinefile icasplinefile dipfit [] <1x86 char> history saved 'no' etc <1x1 struct> abc datfile

## Correspondance



