Ephys & cluster properties

spikes.times	[s] (nSpikes) Time of each spike
spikes.amps	[uV] (nSpikes) Amplitude of each spike
spikes.clusters	[integer] (nSpikes) Cluster ID of each spike
spikes.depths	[um] (nSpikes) Depth of each spike
clusters.uuids	[integer] (nClusters) .csv file; cluster IDs of all used clusters
clusters.waveforms	[arb. Units] (nClusters, nSamples, nchSub) Mean spike waveform of each cluster across several probe channels (nchSub)
clusters.groups	[mixed] (nClusters, 2) .csv file; 1st column: cluster ID, 2nd column: "mua" for multi-unit activity or "good" for single unit activity; 1st row contains column names!
channels.localCoordinates	[um] (nChannels, 2) X- and y-positions of the channels
probe._ss_sampleRate	[1/s] (1) Sampling rate in samples per second
probe.v1Depth	[um] (1,2) Lower and upper edge of superior colliculus along probe

Stimuli

_ss_grating.intervals	[s] (nTrials,2) On- and offset times of gratings
_ss_grating._ss_gratingID	[integer] (nTrials) ID of grating in each trial
_ss_gratingID.directions	[angles] (nGratings) Direction of movement of grating; NaN if blank was shown
_ss_gratingID.laserOn	[logical] (nGratings) 0 if laser was off, 1 if laser was on (for optogenetic experiments)
_ss_gratingID.laserOnTime	[s] (nGratings) Delay of laser onset relative to onset of visual stimulus, NaN if laser was off
_ss_gratingID.laserOffTime	[s] (nGratings) Delay of laser offset relative to offset of visual stimulus, NaN if laser was off