

Sorted neurons excel table

Find/create the electrode depth file corresponding to your monkey in the following location:
C:\Users\username\Dropbox\DAG\phys\Monkey_phys_dpz\Mon_sorted_neurons.xlsx (replace username with your username, Monkey with the monkey's name and Mon with the first three letters of the monkey's name).

There are two main sheets in this excel file:

- automatic_sorting
- final_sorting

The idea is, that a large part of the information can be updated automatically (**see...**), while some information has to be added manually in the final_sorting sheet. For both sheets, each line represents one unit recorded in one block (and run) AND/OR the corresponding LFP site

Automaticly created entries

Monkey	Session	Date	Run	Block	Chan	z	Unit	N_spk	Neuron_ID	Site_ID	Times_same_unit
Lin	1	2010508	3	1	1	15000	a	15251	Lin_20150508_01	Lin_20150508_Site_01	1
Lin	1	2010508	4	2	1	15000	a	15251	Lin_20150508_01	Lin_20150508_Site_01	1

- Monkey: monkey initials (first 3 letters)
- Session: A session counter (irrelevant, but helpful for browsing)
- Date: Date of recording
- Run: Corresponding behavioral run
- Block: ephys recording block
- Chan: electrode number (channel)
- z: Electrode depth (from guide tube tip) - taken from [electrode depth file](#)
- Unit: sortcode assigned to this cell (a=first,b=second,...)
- N_spk: Total spike count
- Neuron_ID: Cell identifier (the [same cell](#) can be recorded in several blocks !)
- Site_ID: LFP site identifier (Based on electrode depth, same site can be recorded in different blocks and at the same time with different units)
- Times_same_unit: For identifying unique units

Manually added entries

SNR_rank	Single_rank	Stability_rank	Set	Target	Hemisphere	Grid	x	y
1	1	2	1	dPul	left	22.5	-5	8
1	2	1	1	dPul	left	22.5	-5	8

- SNR_rank
- Single_rank
- Stability_rank
- Set
- Target
- Hemisphere

Last update:
2022/12/29 07:15

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- Grid
- x
- y

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