MountainSort

Installable on Linux, all in Python

MountainView- viewing GUI for inspecting, merging, rejecting clusters (QT?)

Conda environment ms4 – little container with all the code needed for mountainsort (or anything)

ml-config to change directories where it looks, etc

folder for animal “JS17/preprocessing/20180918/20180918\_JS17\_01.mda

noise\_overlap- how much it overlaps with noise cluster. >0.2 usually means its just noise

isolation score should be above .96

Firing events- visualize how separated it is from the noise. Also note if it has one or more than one amplitude band (should only have one).

Discrim histograms (use whitened data). Should have two separate peaks, non overlapping. If they are completely overlapping, they could probably be merged into one cluster

Spike spray- use filtered data (or raw if filtered data was fed into MntnSort)

positive spike detection (+1), flipped polarity in Trodes

To tag: right click, add tag, “accepted”, “rejected”, or multiunit. Not sure when to reject vs assign to multiunit?

Can also merge clusters. After exporting, recalculate cluster metrics and check it.

Cannot split clusters

Export curated firings, also mv2 document, which saves mountainview text document to reopen it