Checking for Mcahine Learning/Statistics (and imageprocessing?) Toolbox and/or updating to Matlab 2022

Resizing when maximizing (e.g. cMax field in Segmentation GUI!!)

**StackGUI:**

Images that differ a lot from the windowsize (550,550) – define scaling? Change whole window size?

**SegmentationGUI:**

Stimulus Size/Shape

**Overall:**

Tiles layout instead subplot?

Profiler -> Time per function

Matlab academy for training

Vectorization instead of loops?

Nested functions?

Other:

Background substraction by rolling ball?

ROI adjustments due to calcium traces? (Deletion of “non-active” ROIs, combination of spatially “connected” ROIs, e.g. cell body+Axon, adjustments of ROI area – how?)

See <https://www.cell.com/neuron/fulltext/S0896-6273(15)01084-3?_returnURL=https%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS0896627315010843%3Fshowall%3Dtrue>

For ideas?