README: Image Analysis

Create a series of file folders to contain different cases (sets of brain images).

To analyze Cell Counts in Multiple regions of NTS run CellCounterFINAL\_MultiPoly.m.

THIS WILL NOT BE USEFUL FOR HEATMAPS.

Run Extract\_PixelDensity\_ROI.m which will call Extract\_PixelThreshold\_Box.

* This program will save a pixel\_threshold mat file within the folder of images it was run on

Run HeatMapPixelDensity.mat on an individual image file that will utilize the pixel\_threhsold.mat file within its folder.

* Test whether 2 or 3 standard deviations provides better thresholding