README NORMAL LIGHT

First: Introduce the three scripts in the folder where all the images taken with normal light are placed.

Whats in the folder: There are three scripts:
- Area_fibrosis.m : Script in function form that measures the fibrotic area based on a color filtering of pink-purple.
- Area_tissue.m : Script in function form that measures the tissue area based on a color filtering that deletes white spaces and fills some spaces.
- Area_measure_normal_light.m : Script that reads all the images in .tif format of the folder and measures the fibrosis area (running Area_fibrosis.m), the tissue area (running Area_tissue.m) and the total area of the image (based on each one dimensions). It saves the results in a .csv file on the same folder. It's recommended to run "Results" on Command Window to visualize the results too.

Implementation: Change the Matlab directory to the folder where the images and scripts are.
RUN ONLY 'Area_measure_normal_light.m'
Open 'Area_measure_normal_light.m' on Matlab and press Run. The results will be automatically saved on a .csv file named 'Area_measure_normal_light.csv'

Changes: Adaptation of this scripts can be performed. From set new filtering functions by Color Thresholder to change the name of the csv file.