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 of a function that measures the fibrotic area based on a color filtering of pink-purple.
- Area_tissue.m : Script in function form that measures total tissue area based on a color filtering that delete white spaces and fill gaps corresponding to tissue lost in the processing.
- 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 the Command Window to visualize it in MATLAB.

Implementation: Set 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: You can adapt these scripts to your studies making all changes needed like changing the name of the csv file or even setting new filtering functions by Color Thresholder.