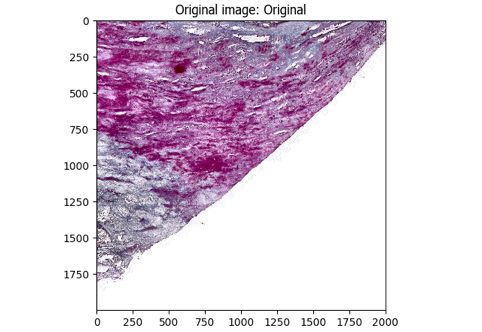
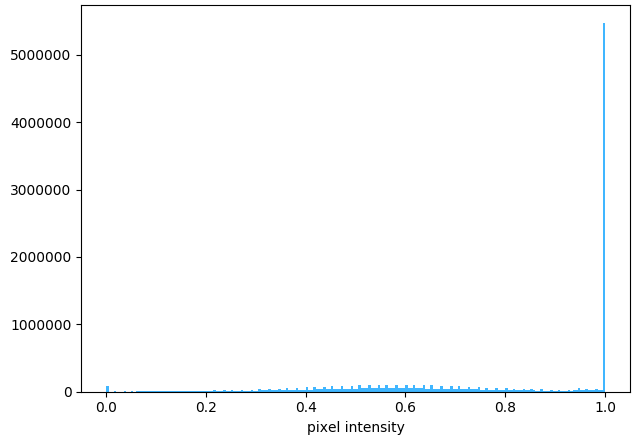
**A.**

**The FIBRIN CellProfiler pipeline workflow.**

***[A].*** The original image (left) is masked using PathProfiler Tissue Segmentation Unet and used as input by CellProfiler 4.2.6; the graph (right) shows the tonal distribution in the digital whole-slide image on a RGB scale.

***[B].*** The input image is converted to a gray scaled image (left); the graph (right) shows the tonal distribution in the gray scaled image.

***{C].*** The gray scaled image is inverted, *i.e.* non-tissue will become black (left); the graph (right) shows the tonal distribution after inverting.

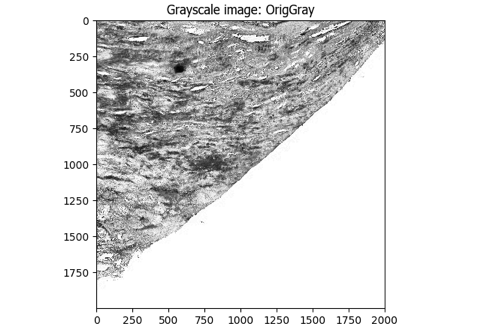
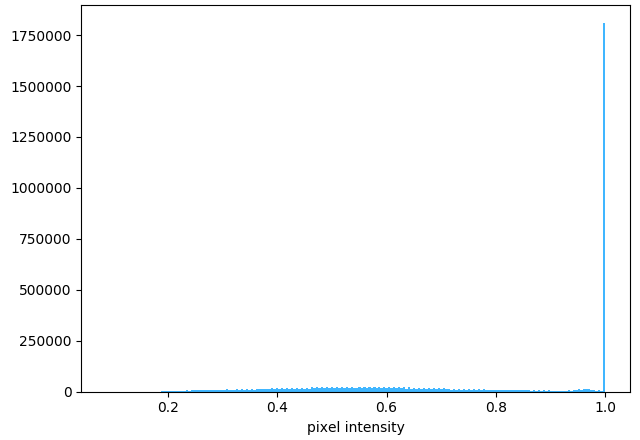
***[D].*** The tissue area is identified, as demarcated by the green line in the left image; the total tissue area size is calculated in pixels (right image) and tabulated (table).

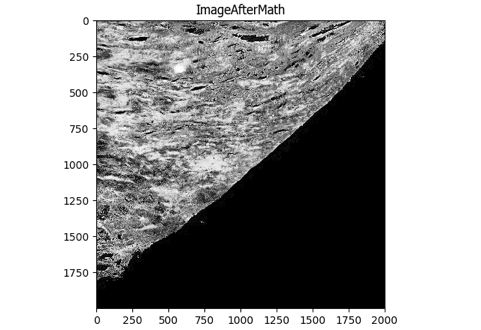
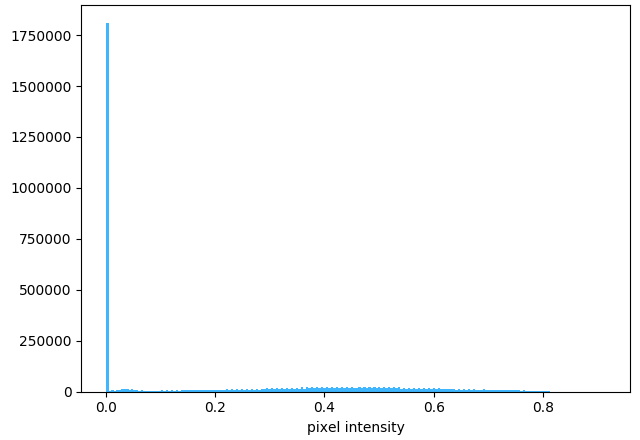
***[E].*** The colors, *i.e.* stains, are unmixed using the original image (left) and FIBRIN (right). The graph (right) shows the tonal distribution of the FIBRIN image.

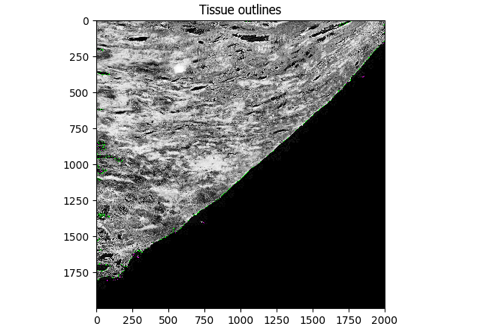
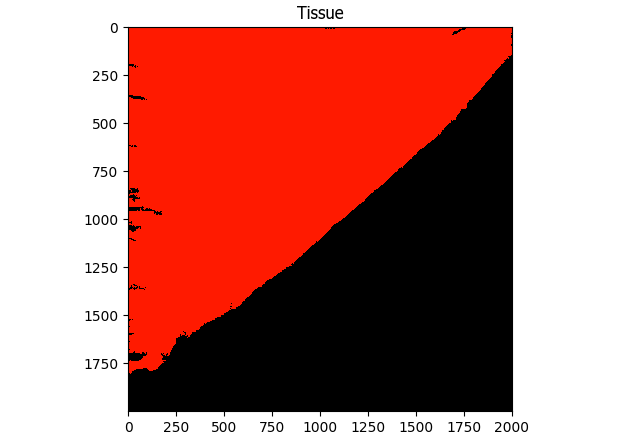
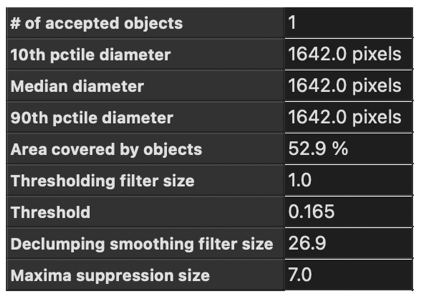
***[F].*** The FIBIRN-positive objects are demarcated by a green line in the left image, areas that are excluded due to size (minimal size 1 pixels) are demarcated in magenta; the right image shows all the identified FIBRIN-positive objects in random colors; the total number of identified objects is calculated and tabulated (table).

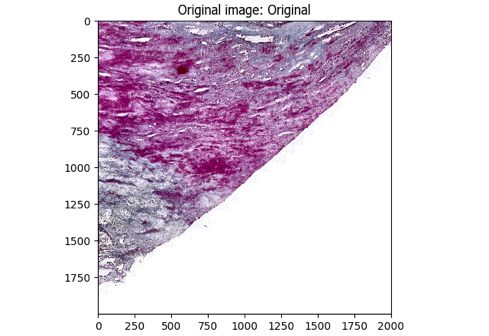
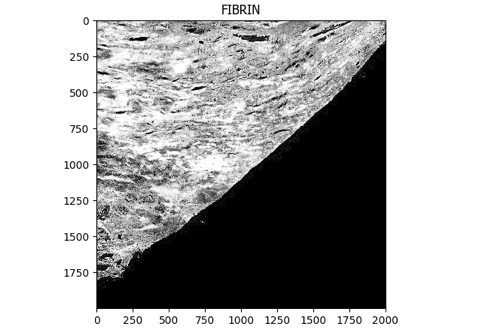
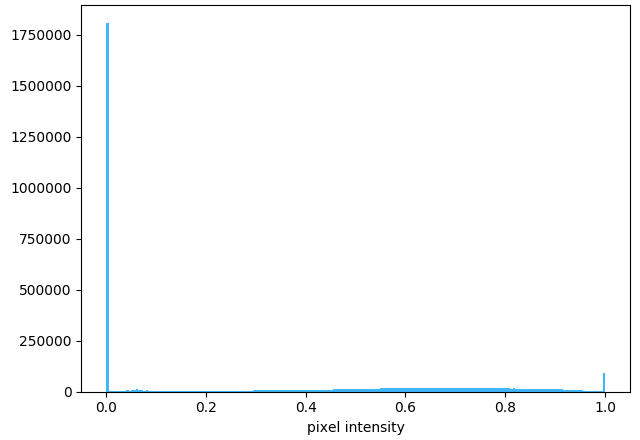
***[G].*** Finally, the data for each tile are saved in a comma-separated table, including meta-data such as tile positions, image location, object counts (there could be multiple patches of stained areas or tissue). The original image (top-left) is used to outline the FIBRIN-positive objects (top-right). The tissue area (red), and FIBRIN-positive objects (green) are all demarcated. The table (bottom-right) shows the areas occupied by each object class.

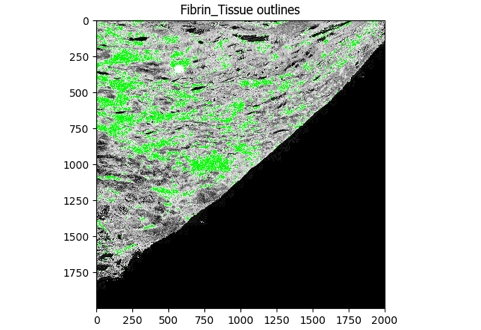
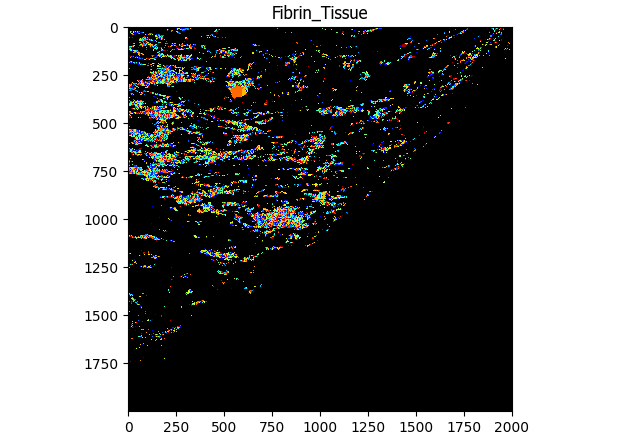
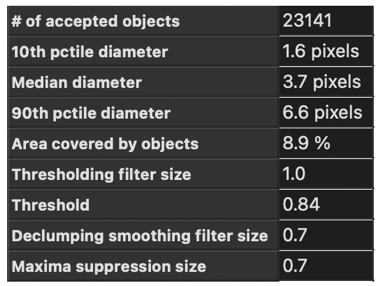
Sample used: AE11.T02-7271.FIBRIN.TIF [Tile= X6000, Y40000]

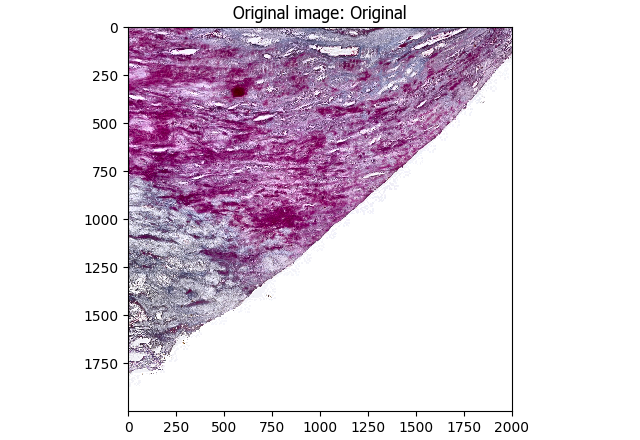
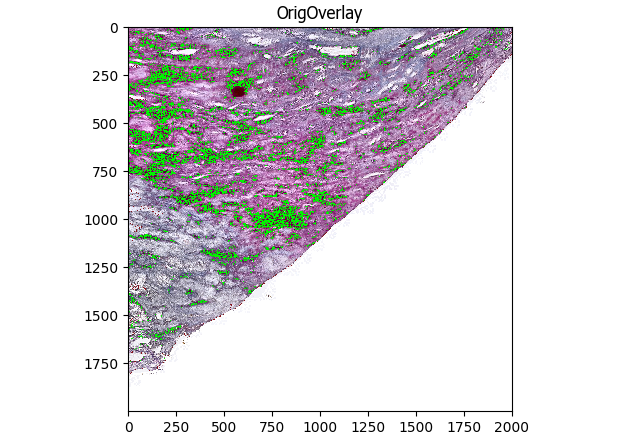
**B.**

**C.**

**D.**

**E.**

**F.**

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**G.**

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