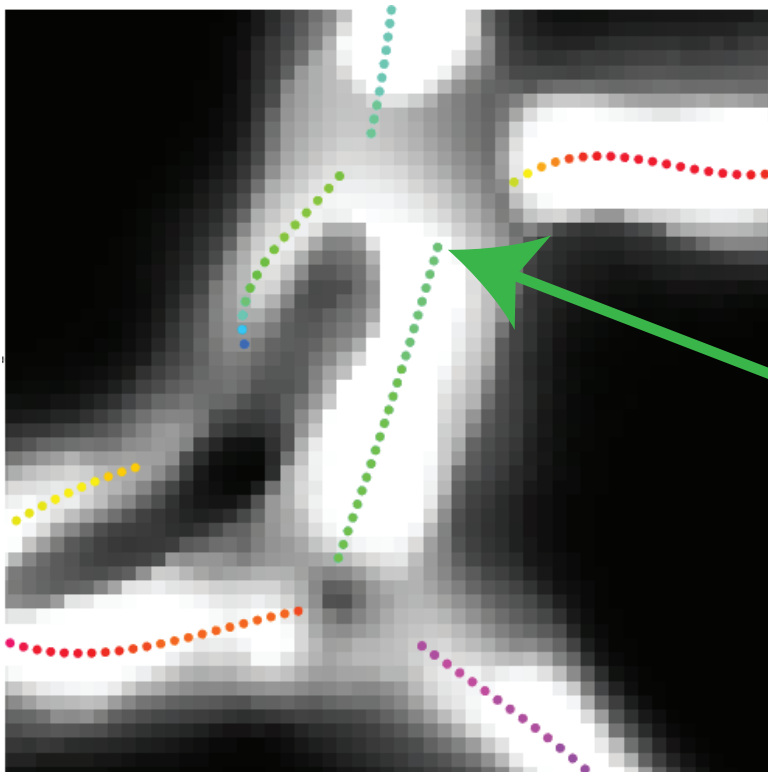


vessel (lines)

- composed of segments, see below
- for each vessel we have:
 - location (average of segment locations)
 - diameter (average of segment diameters)
 - length (length of spline)
 - distance between end-points
 - tortuosity

branch points

- location where vessels split up / join
- for each branch point we have:
 - location



segment (points)

- vessels are composed of an arbitrary number of segments, this relates to how we fit a spline to the pixel-centerline
- for each segment we have
 - location
 - diameter
 - angle
 - distance to wound