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Accurate Extraction of Morphological Information from Volumetric Imagery

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Accurate Extraction of Morphological Information from Volumetric Imagery

In order to accurately analyze the flow of blood in any organ, detailed morphometric data, such as diameters, lengths, or branching patterns, of the organ's vasculature is required. Deriving this information manually is a very labor intensive process. The amount of labor can be significantly reduced by utilizing tools that mostly automatically extract such information from volumetric imagery. Hence, we will present methodologies that perform this task at a very high level of accuracy.

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