Prior Models on Coronary Arteries

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Goals

Build coronary prior models by

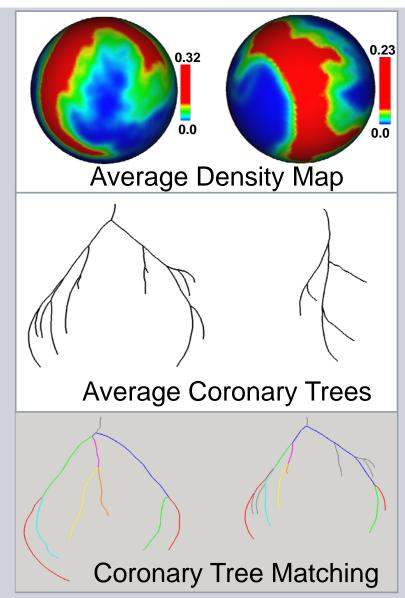
- computing their distribution on territories
- building tree-shape models and geodesic metrics

Significance

- Support coronary detection in CTA
- Statistical analysis of coronary anatomy

Results

- Coronary average density map
- Average coronary tree
- Coronary tree matching



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