

Semi-automated Segmentation Pipeline for Analysis of Knee Joint Kinematics

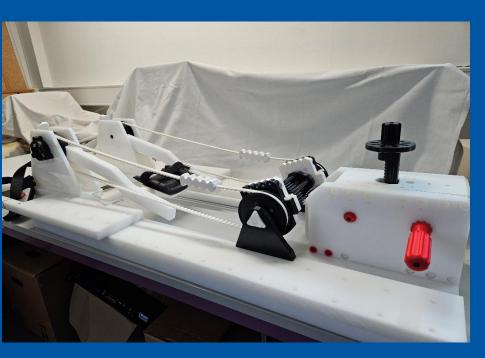
A comparision with manual based segmentation

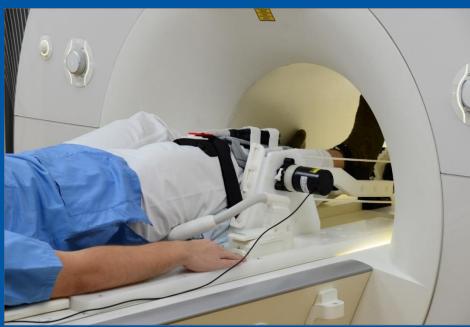
Jena | 12.09.2024 | Aayush Nepal

Motivation



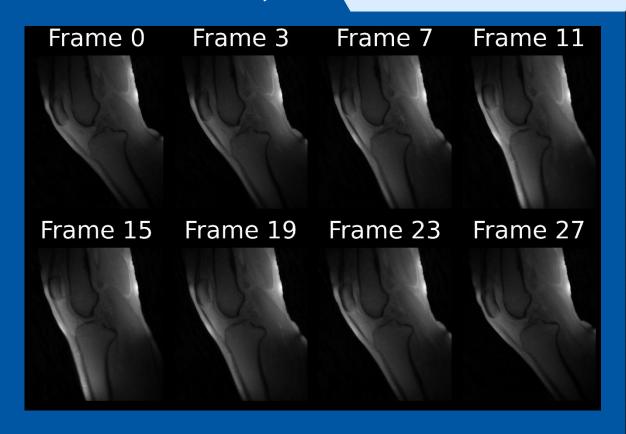
Knee flexion-extension device

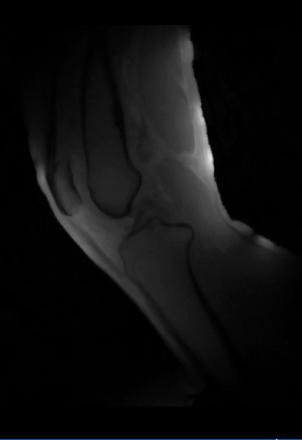




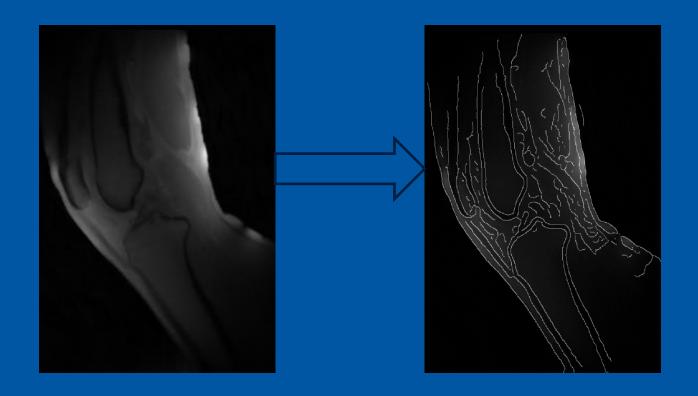
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Reconstructed frames

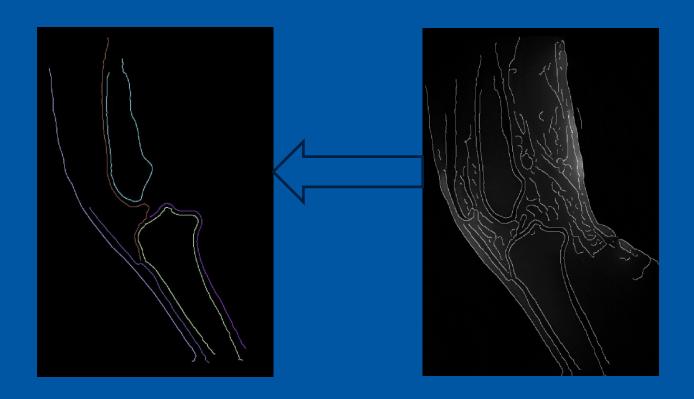




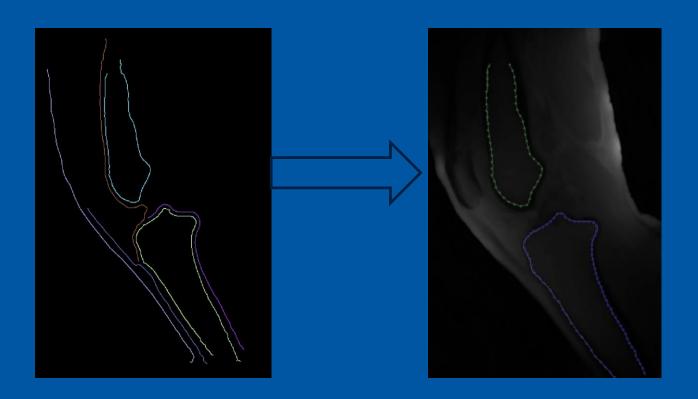
Methods



Methods

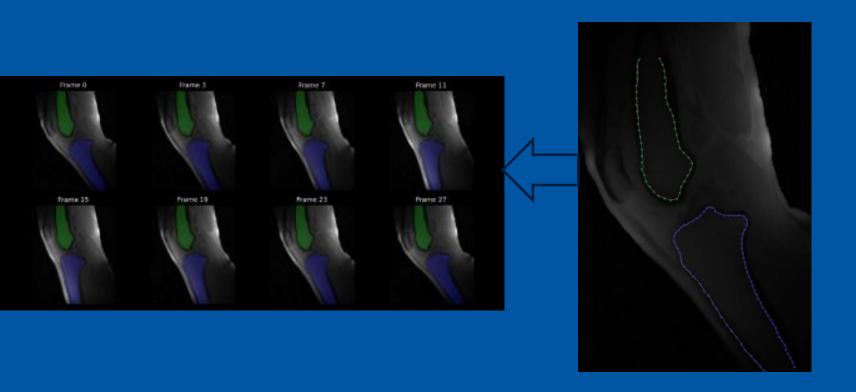


Methods



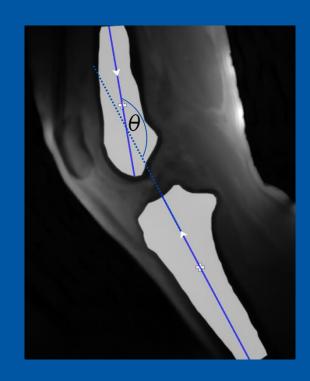
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Methods



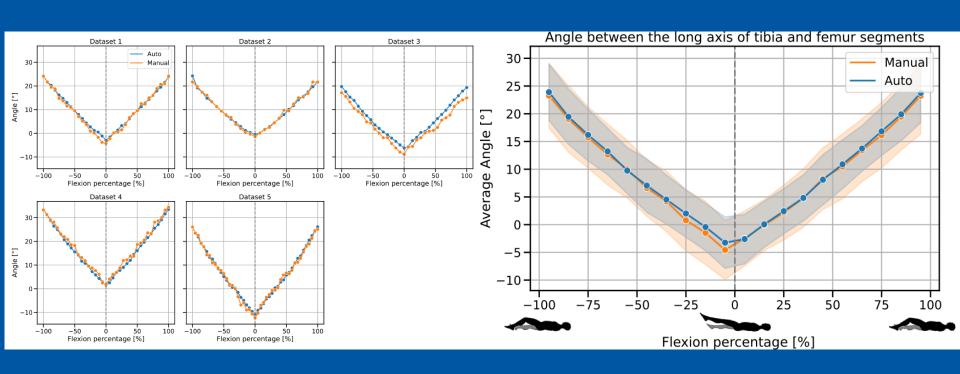


Angle extraction and tracking

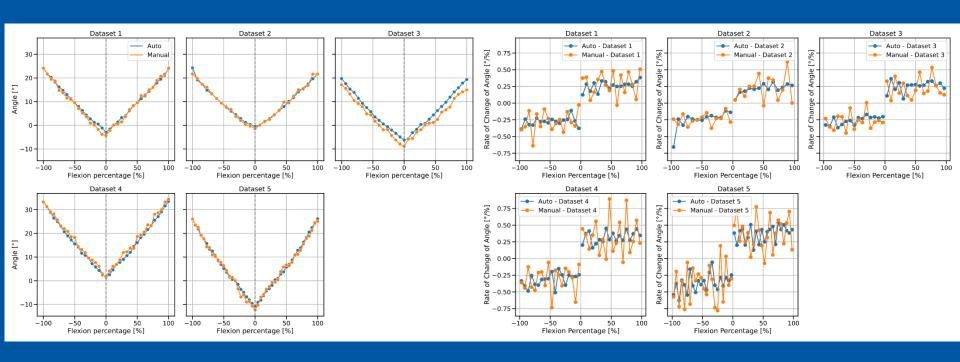




Results



Results





Concluding Remarks

