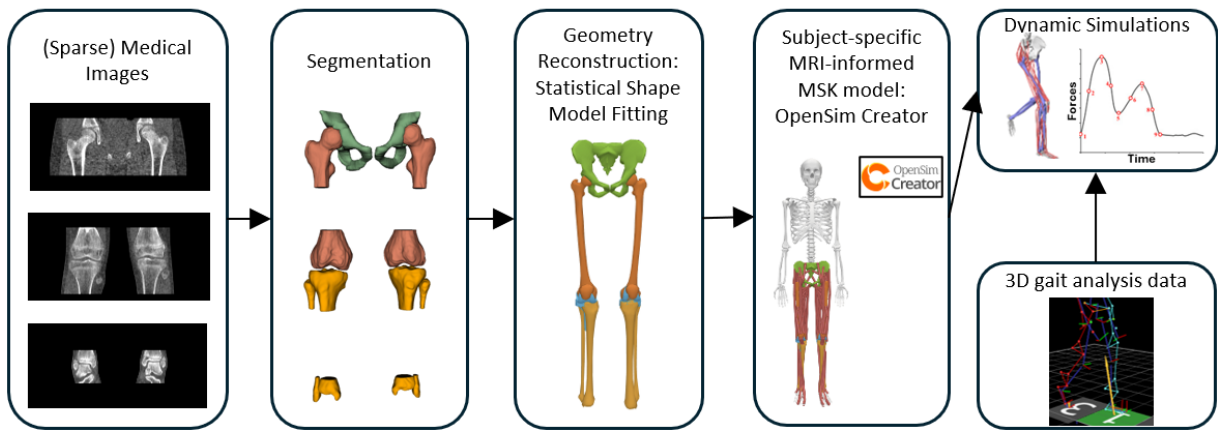
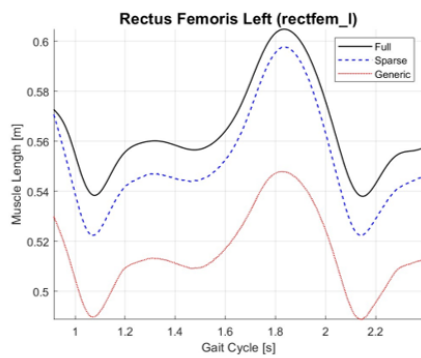


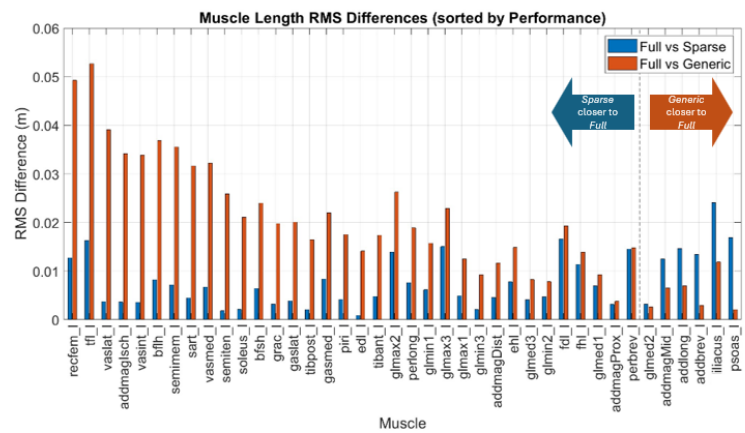
### A) Workflow Representation



### B) Exemplary Waveform



### C) Muscle Lengths RMS Difference



**Figure 1.** A) Representation of the workflow for creating personalized models based on sparse medical images: *CLinically Informed Model Builder (CLIMB)*. B) Exemplary waveforms of muscle length over gait cycle for rectus femoris muscle for the three models *Full* (black), *Sparse* (blue) and *Generic* (red). C) Muscle length RMSD over gait cycle per muscle.