

Calibration 5

Methods

- Changes compared to calibration 4:
 - Moment arm simulations will be done by first pushing the models in contact with an axial force. So it does not matter if they are in contact after calibration. Therefore we increased the bounds to 0.8 – 1.15 to increase optimisation quality.
 - Added a MCL-bone side contact in all models to avoid penetration of the MCL.

The Python scripts used for calibration can be found in folder: *Python scripts - Calibration 5

Results

The calibration results can be found in: Results calibration 5.xlsx

Most of the calibrations obtained better results than before. A lot of them still go to the boundaries of the bounds though.