Column 1:

The anonymised patient ID

Column 2:

Age in weeks corrected from prematurity: e.g. 40 weeks considered as full term

Column 3:

Force to failure is the force required for the maximum principal strain to reach the critical value in region of interest (ROI) when subjected to the 4-point bending simulation described in the paper

Column 4:

The maximum first principal strain component found in the ROI in the medial-lateral direction when subjected to the 4-point bending simulation described in the paper

Column 5:

The maximum first principal strain component found in the ROI in the anterior-posterior direction when subjected to the 4-point bending simulation described in the paper

Column 6:

The maximum first principal strain component in column 5 divided by column 4

Detailed information on modelling pipeline can be found in the following publication:

X. Li, M. Viceconti, M. C. Cohen, G. C. Reilly, M. J. Carre, A. C. Offiah 2015. “Developing CT Based Computational Models of Pediatric Femurs”, in Journal of Biomechanics, 48, 2034-40