

Column 1:

Patient Number is the anonymised patient ID

Column 2:

Minimum Physiological Strength Model-1 is the minimum physiological strength of femur in Newton estimated using modelling pipeline that involves morphed mesh and proximal femur reference system.

Column 3:

Minimum Physiological Strength Model-2 is the minimum physiological strength of femur in Newton estimated using modelling pipeline that involves standard mesh and proximal femur reference system.

Column 4:

Minimum Physiological Strength Model-3 is the minimum physiological strength of femur in Newton estimated using modelling pipeline that involves morphed mesh and full femur reference system.

Column 5:

Minimum Physiological Strength Model-4 is the minimum physiological strength of femur in Newton estimated using modelling pipeline that involves standard mesh and full femur reference system.

Column 6:

Minimum Pathological Strength Model-4 is the minimum pathological strength of femur in Newton estimated using modelling pipeline that involves standard mesh and full femur reference system.

Detailed information on modelling pipeline can be found in the related publication,

Qasim M, Farinella G, Zhang J, Li X, Yang L, Eastell R, Viceconti M, *Patient-Specific Finite Element Estimated Femur Strength as a Predictor of the Risk of Hip Fracture: The Effect of Methodological Determinants* Osteoporosis International 2016. DOI: 10.1007/s00198-016-3597-4. <http://link.springer.com/article/10.1007%2Fs00198-016-3597-4>