Figure S1: Vector field visualisation of peak interstitial fluid velocity during load (a) and unload (b). Cross sections at $Z = 0.5$ with contour plots of pore pressure, $p$, and unit length fluid flow vectors, $\mathbf{V}$, represented by the red arrows (right). Regions in compression experience an influx of fluid during loading, while the reverse happens in regions in tension.
Figure S2: Boxplot representation of tibial changes in second moment of area about the minor axis, as a function of the normalised diaphyseal length $Z$. 
References