



**Supplementary Figure S1. Top**, Unsupervised PCA clusters of log-transformed femoral data, <25% missing data. Axis 1, 91%; Axis 2, 2.1%. **Middle**, Unsupervised PCA clusters of log-transformed tibiotarsal data, <25% missing data. Axis 1, 56%; Axis 2, 7.6%. **Bottom**, Unsupervised PCA clusters of log-transformed tarsometatarsal data, <25% missing data. Axis 1, 85.9%; Axis 2, 6%.