

Table 1 (Supplementary material). Means and standard deviations (in parentheses) calculated for bone volume fractions (BV/TV), anisotropy and trabecular thickness (Tb.Th) in the study determining error in selecting and placing ROIs and VOIs with precision and repeatability.

<b>Specimen</b>	<b>Species</b>	<b>BV/TV</b>	<b>Anisotropy</b>	<b>Tb.Th</b>
54330	<i>Pan</i>	0.32 (0.04)	1.92 (0.09)	0.29 (0.03)
W141	<i>Papio</i>	0.29 (0.03)	2.40 (0.46)	0.27 (0.01)
820648	<i>Homo</i>	0.18 (0.009)	3.39 (0.39)	0.26 (0.009)
820735	<i>Homo</i>	0.43 (0.03)	2.20 (0.23)	0.38 (0.04)
821205	<i>Homo</i>	0.29 (0.04)	3.39 (0.38)	0.23 (0.01)
820696	<i>Homo</i>	0.45 (0.01)	2.53 (0.37)	0.48 (0.02)

Table 2 (Supplementary material). Image resolutions, bone volume fractions, anisotropy and trabecular thickness for each specimen included in this study. These data indicate that variation in image resolution has minimal impact on the results discussed in the body of the paper.

Specimen	Sex	Species	Pixel Size (X, Y)	Slice Thickness (Z)	BV/TV	Anisotropy	Tb.Th
820735	male	<i>H. sapiens</i>	0.078	0.088	0.210	2.770	0.280
821221	male	<i>H. sapiens</i>	0.078	0.088	0.360	1.860	0.380
820648	male	<i>H. sapiens</i>	0.078	0.088	0.380	2.320	0.380
820726	male	<i>H. sapiens</i>	0.078	0.088	0.310	2.580	0.420
820227	female	<i>H. sapiens</i>	0.078	0.088	0.210	2.080	0.340
820696	female	<i>H. sapiens</i>	0.078	0.088	0.280	2.140	0.430
821205	female	<i>H. sapiens</i>	0.062	0.070	0.220	2.780	0.260
821211	female	<i>H. sapiens</i>	0.062	0.070	0.330	2.170	0.350
176216	male	<i>G. gorilla</i>	0.082	0.092	0.180	1.750	0.340
176208	male	<i>G. gorilla</i>	0.082	0.092	0.190	3.030	0.280
176209	male	<i>G. gorilla</i>	0.082	0.092	0.230	2.830	0.660
176220	male	<i>G. gorilla</i>	0.082	0.092	0.180	4.250	0.400
54327	female	<i>G. gorilla</i>	0.105	0.122	0.350	1.820	0.420
167330	female	<i>G. gorilla</i>	0.083	0.094	0.190	2.840	0.270
167337	female	<i>G. gorilla</i>	0.078	0.088	0.210	3.530	0.340
81652	female	<i>G. gorilla</i>	0.087	0.099	0.280	2.910	0.510

141	male	<i>P.h. anubis</i>	0.064	0.072	0.360	2.140	0.300
174	male	<i>P.h. anubis</i>	0.064	0.072	0.270	1.730	0.310
9039	female	<i>P.h. anubis</i>	0.061	0.067	0.370	1.780	0.290
9740	female	<i>P.h. anubis</i>	0.061	0.067	0.240	1.750	0.400
2889	female	<i>P.h. anubis</i>	0.061	0.067	0.310	1.960	0.180
6649	female	<i>P.h. anubis</i>	0.061	0.067	0.440	1.900	0.300
167344	male	<i>P. troglodytes</i>	0.075	0.084	0.290	1.480	0.320
167341	male	<i>P. troglodytes</i>	0.069	0.078	0.400	1.790	0.300
167346	male	<i>P. troglodytes</i>	0.066	0.074	0.180	2.070	0.260
54330	male	<i>P. troglodytes</i>	0.073	0.083	0.300	1.890	0.270
167343	female	<i>P. troglodytes</i>	0.063	0.071	0.290	1.560	0.300
201469	female	<i>P. troglodytes</i>	0.067	0.078	0.280	1.950	0.290
90293	female	<i>P. troglodytes</i>	0.067	0.077	0.150	1.870	0.220
90191	female	<i>P. troglodytes</i>	0.075	0.089	0.230	2.100	0.260