Table S-2: Output of the statistical linear mixed models (difference, 95% confidence interval and p-value) of the absolute differences between the CT scanners using the standard protocol (3 mm slices, FOV 480, standard kernel), for HU and BMD in the cortical and trabecular ROI, and simulated failure load (N).

Cortical HU			
Scanners	Difference	95% CI	p-value
P1-P2	-9.1	-15.1 – -3.1	0.003
P1-GE	28.5	22.6 – 34.5	<0.001
P1-To	-54.1	-60.1 – -48.1	<0.001
P2-GE	37.6	31.6 – 43.6	<0.001
P2-To	-45.0	-51 – -39	<0.001
GE-To	-82.6	-88.6 – -76.6	<0.001

Cortical BMD (mg/cm^3)			
Scanners	Difference	95% CI	p-value
P1-P2	-35.1	-41.7 – -28.5	<0.001
P1-GE	22.9	16.3 – 29.5	<0.001
P1-To	24.2	17.6 – 30.7	<0.001
P2-GE	58.0	51.4 – 64.6	<0.001
P2-To	59.3	52.7 – 65.8	<0.001
GE-To	1.3	-5.3 – 7.8	0.7

Trabecular HU			
Scanners	Difference	95% CI	p-value
P1-P2	5.9	3.7 – 8.1	<0.001
P1-GE	-3.3	-5.5 – -1	0.004
P1-To	2.2	0 – 4.4	0.05
P2-GE	-9.2	-11.4 – -6.9	<0.001
P2-To	-3.7	-5.9 – -1.5	0.001
GE-To	5.5	3.2 – 7.7	<0.001

Trabecular BMD (mg/cm^3)			
Scanners	Difference	95% CI	p-value
P1-P2	-3.1	-7.7 – 1.6	0.2
P1-GE	-3.4	-8 – 1.3	0.2
P1-To	17.6	13 – 22.2	<0.001
P2-GE	-0.3	-4.9 – 4.3	0. 9
P2-To	20.7	16 – 25.3	<0.001
GE-To	21.0	16.3 – 25.6	<0.001

Failure load (N)			
Scanners	Difference	95% CI	p-value
P1-P2	-82.7	-266 – 100.6	0.4
P1-GE	-79.0	-262.4 – 104.3	0.4
P1-To	497.0	313.6 – 680.3	<0.001
P2-GE	3.7	-179.7 – 187	1.0
P2-To	579.7	396.3 – 763	<0.001
GE-To	576.0	392.7 – 759.3	<0.001