

X-ray microtomography samples and related scanning and reconstruction settings

Sample		Scanning parameters											Reconstruction parameters					
Age	Sex	Scanner	Software	Resolution	Source voltage	Source current	360° scan	Batch scan	Rotation step	Filter	Frame averaging	Random movement correction	Scan duration	Software	Total slices	Ring artefact correction	Beam hardening correction	Smoothing
[years]				[μm]	[kV]	[μA]			[°]								[%]	
4	juvenile	Bruker SkyScan 1272	SkyScan 1.1.10	10	50	200	yes	yes	0.6	No Filter	3	10	3h 16 min	NRecon 1.6.10.1	5402	18	20	0
8	female	Nikon XT H 160	Inspect X, XT 4.4.2	86	130	62	yes	no	0.23	No Filter	8	---	1h 59 min	CT-Pro 3D, XT 4.4.2	1008	yes	0	0
17	female	Nikon XT H 160	Inspect X, XT 4.4.3	86	130	62	yes	no	0.23	No Filter	8	---	1h 49 min	CT-Pro 3D, XT 4.4.3	1008	yes	0	0