

Micro-CT (BMD in mg HA/ccm)

BMD/TMD	Bone			Ossicles		
	Human (BK)	Mouse (Tb. Ver)	Sperm Whale	Human	Mouse	Sperm Whale
1	903.4	1021.788	852.9	1199	908	1687
2	951.5	1019.478	848.97	1260.9	911	1708
3	789.6	1031.026	849.96	1157.9	926	1729
mean	881.5	1024.097333	850.61	1205.933333	915	1708
SD	83.14210726	6.110551639	2.044040117	51.84885084	9.643650761	21

BMD/TMD	Teeth					
	Human-Dentin	Human-Enamel	Mouse-Dentin	Mouse-Enamel	Sperm Whale-Dentin	
1	1209	1989.9	1228.296	2022.0909	1194.5	
2	1185	1996.4	1217.9994	2023.8231	1177.4	
3	1204	1953	1238.4962	2039.4122	1183.2	
mean	1199.333333	1979.766667	1228.263867	2028.442067	1185.033333	
SD	12.66227994	23.40733503	10.24843778	9.539811226	8.696167738	

qBEI CaMean	Malleus			Incus			Stapes		
		35.278	35.664	34.881					
	36.574	34.311	33.577						
	35.3	35.251	34.284						
mean	35.71733333	35.07533333	34.24733333						
SD	0.741976639	0.693394789	0.652772804						

N.Ot	Malleus			Incus			Stapes		
		179.157	185.54	732.645					
	269.942	309.6	793.3						
	237.444	198.866	225.924						
mean	228.8476667	231.3353333	583.9563333						
SD	45.99893223	68.1059036	311.5447336						

Lc.Ar	Malleus			Incus			Stapes		
		19.757	16.069	24.424					
	19.623	17.613	24.176						
	15.946	17.556	28.266						
mean	18.442	17.07933333	25.622						
SD	2.16263751	0.875438366	2.29312625						

Mn.Lc.	Malleus			Incus			Stapes		
		467.54	395.4	63.6					
	293.44	361.49	145						
	455	467.8	140.3						
mean	405.3266667	408.23	116.3						
SD	97.09934363	54.30387371	45.7						

Scaling (in cm)

Mouse	Stapes Length	Body Length	Stapes/Body	Skull Width	Stapes/Skull
	12 weeks	0.062893	7.3	0.008615479	1.0
	0.061701	7.2	0.008569583	1.0	0.061701
	0.061024	7.1	0.00859493	0.98	0.062269388
mean	0.061872667	7.2	0.008593331	0.993333333	0.062287796
SD	0.000946252	0.1	2.29898E-05	0.011547005	0.000596213

Human	Stapes Length	Body Length	Stapes/Body	Skull Width	Stapes/Skull
	21,22,23 years	0.31	181	0.001712707	17
	0.33	178	0.001853933	17.8	0.018539326
	0.36	176	0.002045455	18.2	0.01978022
	0.333333333	178.3333333	0.001870698	17.66666667	0.018851613
0	0.025166115	2.516611478	0.000167006	0.611010093	0.000818438

Sperm Whale	Stapes Length	Body Length	Stapes/Body	Skull Width	Stapes/Skull
	12,13,15 years	0.479	1050	0.00045619	168
	0.446	1140	0.000391228	170	0.002623529
	0.459	1095	0.000419178	176	0.002607955
	0.461333333	1095	0.000422199	171.3333333	0.002694225
0	0.016623277	45	3.25864E-05	4.163331999	0.000136159