

Table 1: Datasheet for the osteological measurements

#	Box #	Cadaver #	Sex	Population group	Age	Stature (m)	Weight (kg)	BMI (kg/m ²)	MTPD (mm)	
									Left	Right
1	1623	6370	F	B	60	1.57	37.5	15.2136	1.13	1.14
2	1449	6487	F	B	-	-	-	-	1.85	1.54
3	1344	5837	F	B	50	1.65	47	17.26354	2.51	2.72
4	1806	6156	F	B	72	1.52	38	16.44737	1.68	1.15
5	1870	6582	F	B	24	1.73	67.2	22.45314	1.19	1.96
6	1605	4256	F	B	46	-	-	-	1.21	1.45
7	1887	6010	F	B	71	1.6	34	13.28125	1.12	1.32
8	1905	6470	F	B	81	-	60	-	1.68	0.99
9	1902	6372	F	B	80	1.68	35.4	12.54252	2.35	2.49
10	1888	6028	F	B	82	1.65	33	12.12121	2.01	2.07
11	1817	6237	F	B	65	1.7	52	17.99308	1.93	1.88
12	1825	6192	F	B	22	1.68	38.8	13.74717	1.43	1.18
13	1777	6290	F	B	70	1.68	43.4	15.37698	2.07	2.28
14	1409	5079	F	B	30	1.45	43	20.45184	1.56	1.24
15	1892	6234	F	B	46	1.73	29.9	9.99031	0.81	1.95
16	1820	6256	F	B	32	1.63	58.9	22.16869	1.7	2.38
17	1779	6328	F	B	47	1.68	53.6	18.99093	2.71	2.43
18	1940	6434	F	B	38	1.52	47.5	20.55921	2.09	2.39
19	1903	6390	F	B	60	1.63	51.1	19.23294	1.3	2.4
20	1816	5957	F	B	51	1.57	51	20.69049	1.99	2.35
21	1780	6358	F	B	37	1.57	41.2	16.71467	1.36	1.83
22	1726	6144	F	B	50	1.65	35	12.85583	2.34	2.71
23	1885	5980	F	B	70	1.75	43.6	14.23673	2.5	3.36
24	1505	5880	F	B	57	1.78	63	19.88385	2.07	1.56
25	1814	6000	F	B	38	1.45	65	30.91558	0.67	0.78
26	1570	5013	F	B	55	1.55	62	25.80645	1.91	1.25
27	1883	5892	F	B	26	1.63	36	13.54963	2.6	2.16
28	1008	5885	F	B	59	1.63	38	14.30238	2.73	2.93
29	1996	6600	F	B	28	1.58	59.3	23.75421	1.89	2.66
30	1636	6177	F	B	25	1.65	51.3	18.84298	1.48	1.63
31	1913	6585	M	W	53	1.88	94.5	26.73721	2.36	3.46
32	1699	7010	M	W	25	1.78	56.6	17.86391	2.7	2.36
33	1773	6970	M	W	50	1.74	78.4	25.8951	3.25	3.41
34	1690	7008	M	W	85	1.73	54.1	18.07611	1.8	2.25
35	1865	6605	M	W	83	1.88	94.5	26.73721	3.02	2.77
36	1976	6232	M	W	85	1.7	45.6	15.77855	2.45	2.1
37	1995	6327	M	W	72	1.93	120	32.21563	3.09	3.89
38	1400	7145	M	W	74	-	-	-	4.2	3.35
39	1952	6303	M	W	77	1.73	66.7	22.28608	1.99	2.11
40	1988	6304	M	W	73	1.75	56.7	18.51429	2.25	1.89
41	1907	6374	M	W	84	1.6	51.4	20.07813	1.8	1.04

42	1639	5608	M	W	57	1.68	65	23.03005	2.2	2.29
43	1815	6007	M	W	80	1.8	43	13.2716	1.63	1.71
44	1272	5626	M	W	67	1.78	75	23.67125	1.36	1.55
45	1126	5640	M	W	30	1.75	108	35.26531	1.64	2.02
46	1728	6228	M	W	55	1.83	81	24.18705	2.19	2.02
47	1880	5944	M	W	56	1.85	73	21.32944	1.22	0.96
48	1743	6241	M	W	48	1.78	70	22.09317	1.8	1.78
49	1737	7053	M	W	65	1.87	77	22.0195	3.43	3.69
50	1291	5155	M	W	58	1.4	47	23.97959	2.64	2.67
51	1805	6269	M	W	54	1.7	40.5	14.01384	2.52	2.13
52	1536	5173	M	W	50	-	-	-	2.73	3.48
53	1589	6343	M	W	48	1.4	37.4	19.08163	2.74	3.12
54	1285	4926	M	W	41	1.7	72	24.91349	1.94	2.01
55	1086	6398	M	W	36	1.6	56.5	22.07031	1.89	2.27
56	1701	6979	M	W	63	1.81	65.6	20.02381	3.13	2.83
57	1868	6988	M	W	31	1.72	61.4	20.75446	1.98	1.95
58	1736	7009	M	W	64	1.88	52.3	14.79742	2.91	1.75
59	1577	4372	M	W	48	-	-	-	2.45	3.38
60	1558	4572	M	W	29	-	-	-	2.98	3.14
61	1927	6338	F	W	21	1.73	62	20.71569	1.41	1.59
62	1566	6449	F	W	22	-	-	-	2.16	1.18
63	1211	5098	F	W	57	1.37	45	23.9757	2.02	2.87
64	1792	6512	F	W	22	1.69	65	22.75831	2.09	0.89
65	1264	5184	F	W	63	1.6	-	-	1.61	1.35
66	1982	6339	F	W	25	1.73	29.9	9.99031	1.69	1.76
67	1722	6068	F	W	42	1.73	65	21.71807	1.35	1.75
68	1227	5373	F	W	55	1.7	81	28.02768	1.46	1.32
69	1426	5593	F	W	50	1.75	70	22.85714	2.5	1.59
70	1204	5716	F	W	31	1.42	79	39.17873	2.8	2.5
71	1757	5838	F	W	51	1.63	69	25.97012	2.53	2.06
72	1107	5972	F	W	52	1.68	53	18.77834	2.05	1.15
73	1751	6117	F	W	77	1.65	69	25.34435	0.96	0.98
74	1550	6397	F	W	72	1.75	45.1	14.72653	1.14	1.18
75	1853	6041	F	W	74	1.65	68	24.97704	2.29	1.98
76	1928	6009	F	W	65	1.65	38	13.95776	1.95	1.6
77	1843	6064	F	W	54	1.57	51	20.69049	1.79	2.18
78	1948	6187	F	W	47	1.6	63	24.60938	1.88	1.66
79	1822	6215	F	W	22	1.57	47.2	19.14885	1.53	1.5
80	1244	6442	F	W	32	-	-	-	1.51	1.66
81	1832	6229	F	W	40	1.63	57.5	21.64176	1.95	2.59
82	1221	5929	F	W	57	1.75	89	29.06122	2.44	1.96
83	1896	6244	F	W	28	1.63	64.8	24.38933	1.93	1.64
84	1740	6254	F	W	64	1.63	37.6	14.15183	2.3	2.72
85	1899	6257	F	W	48	1.63	49.6	18.66837	1.33	1.32

86	1598	6379	F	W	30	1.7	85.1	29.44637	1.82	2.04
87	1182	6465	F	W	70	1.4	40	20.40816	0.72	2.1
88	1266	6461	F	W	23	1.6	44	17.1875	1.78	1.81
89	1666	6966	F	W	27	1.69	53.8	18.83688	2.36	3.01
90	1583	4563	F	W	56	-	-	-	2.1	2.37
91	1368	6450	M	B	45	-	-	-	2.5	2.22
92	1859	6395	M	B	40	1.7	75.1	25.98616	2.82	2.79
93	1980	6297	M	B	30	1.8	42.3	13.05556	2.62	2.18
94	1387	6530	M	B	58	1.69	85.8	30.04096	2.23	3.52
95	1937	6023	M	B	79	1.68	77	27.28175	2.1	3.37
97	1114	6455	M	B	87	1.3	44	26.0355	2.73	2.85
98	1998	6389	M	B	-	1.78	46.4	14.64462	2.05	2.08
99	1717	6195	M	B	46	1.68	57.7	20.44359	3.03	1.83
100	1786	7113	M	B	49	1.64	46.4	17.25164	2.54	1.93
101	1686	6900	M	B	35	1.78	-	-	2.09	4.43
102	1964	6309	M	B	70	1.65	41.5	15.24334	1.43	1.94
103	1959	6258	M	B	38	1.75	67.9	22.17143	2.16	2.58
104	1990	6314	M	B	26	1.75	58.7	19.16735	2.23	1.89
105	1951	6305	M	B	33	1.75	44.7	14.59592	2.09	1.27
106	1799	6220	M	B	63	1.75	35.4	11.55918	1.63	1.23
107	1092	6403	M	B	53	1.6	50.2	19.60938	2.67	2.47
108	1314	6517	M	B	38	1.78	48	15.1496	3.71	3.58
109	1318	5761	M	B	80	1.42	69	34.2194	1.78	1.73
110	1729	6231	M	B	32	1.73	40.1	13.39838	2	2
111	1754	6058	M	B	30	1.63	30	11.29135	1.7	2.58
112	1154	6369	M	B	64	1.65	36.6	13.44353	2.29	2.31
113	1709	7028	M	B	55	1.63	46.4	17.46396	2.23	2.07
114	1730	6284	M	B	61	1.68	43.5	15.41241	1.72	1.75
115	1328	5152	M	B	52	1.57	42	17.03923	2.48	2.94
116	1250	5293	M	B	27	1.78	48	15.1496	3.12	2.71
117	1176	5569	M	B	55	1.57	64	25.96454	2.27	2.27
118	1720	6188	M	B	25	1.63	37.6	14.15183	2.22	1.77
119	1809	6199	M	B	67	1.78	60.7	19.15793	2.59	3.54
120	1823	6218	M	B	55	1.63	36.1	13.58726	1.61	1.93

Key: MTPD – Medial tibial plateau depth

Table 2: Datasheet for capturing the intra- and inter-observer measurements for the osteological component

#	Box #	Cadaver #	Sex	Population group	Age	Stature (m)	Weight (kg)	BMI (kg/m ²)	MTPD (Original) (mm)		MTPD (Intra-observer) (mm)		MTPD (Inter-observer) (mm)	
									Left	Right	Left	Right	Left	Right
1	1623	6370	F	B	60	1.57	37.5	15.2136	1.13	1.14	1.36	1.18	1.46	0.76
10	1888	6028	F	B	82	1.65	33	12.12121	2.01	2.07	2.14	2.16	2.13	1.65
20	1816	5957	F	B	51	1.57	51	20.69049	1.99	2.35	2.04	2.37	2.02	1.72
30	1636	6177	F	B	25	1.65	51.3	18.84298	1.48	1.63	1.65	2.18	1.81	1.38
40	1988	6304	M	W	73	1.75	56.7	18.51429	2.25	1.89	2.61	2.09	2.46	2.06
41	1907	6374	M	W	84	1.6	51.4	20.07813	1.80	1.04	1.47	0.61	1.37	1.55
50	1291	5155	M	W	58	1.4	47	23.97959	2.64	2.67	2.73	2.18	2.85	1.01
70	1204	5716	F	W	31	1.42	79	39.17873	2.8	2.5	2.60	2.34	2.71	2.48
80	1244	6442	F	W	32	-	-	-	1.51	1.66	1.72	1.95	1.88	1.61
91	1368	6450	M	B	45	-	-	-	2.5	2.22	2.43	1.86	2.58	2.07
100	1786	7113	M	B	49	1.64	46.4	17.25164	2.54	1.93	2.04	2.00	2.19	1.85
110	1729	6231	M	B	32	1.73	40.1	13.39838	2.00	2.00	1.92	1.98	1.70	1.98

Key: MTPD – Medial tibial plateau depth