

Supplement A from Pontzer, “Ecological Energetics in Early *Homo*” (Current Anthropology, vol. 53, no. S6, p. S346)

Extended Version of Table 1

Table A1. Estimated body masses and femur and tibia lengths for Plio-Pleistocene hominins

Species and specimen	Mass (kg)	Sex	Femur (mm)	Tibia (mm)	Source
<i>Ardipithecus ramidus</i> :					
ARA-VP-6/500	51.0 ^a	F	...	262.0	Lovejoy et al. 2009
<i>Australopithecus anamensis</i> :					
KNM KP 29285	51.0 ^a	M	...	...	Leakey et al. 1995
<i>Australopithecus afarensis</i> :					
KSD-VP-1/1	45.4	M	...	355.0	Haile Selassie et al. 2010
AL 827-1	45.6	M	368–382	...	T. Holliday, personal communication
AL 333-3	50.1	M	373–391	...	McHenry 1992; T. Holliday, personal communication
AL 333-4	41.3	M	...	...	McHenry 1992
AL 333-7	42.6	M	...	...	McHenry 1992
AL 333-w-56	40.2	M	...	...	McHenry 1992
AL 333x-26	48.2	M	...	...	McHenry 1992
AL 129a	27.1	F	...	...	McHenry 1992
AL 333-6	33.5	F	...	...	McHenry 1992
AL 288-1	28.0	F	281.0	241.0	McHenry 1992; Pontzer et al. 2010 ^b
<i>Australopithecus africanus</i> :					
Sts 34	38.4	M	...	...	McHenry 1992
Stw 99	45.4	M	433.5	...	McHenry 1992; T. Holliday, personal communication
Stw 311	40.7	M	...	...	McHenry 1992
Stw 389	37.9	M	...	...	McHenry 1992
Stw 443	41.3	M	...	...	McHenry 1992
Sts 14, 34	30.3	F	276.0	...	Steudel-Numbers and Tilkens 2004
Stw 392	32.7	F	...	...	McHenry 1992
TM 1513	32.5	F	...	...	McHenry 1992
Stw 25	34.2	F	...	...	McHenry 1992
Stw 102	30.5	F	...	...	McHenry 1992
Stw 347	27.5	F	...	...	McHenry 1992
Stw 358	23.3	F	...	...	McHenry 1992
<i>Australopithecus sediba</i> :					
MH 1	31.5	M	...	262–269	T. Holliday, personal communication
MH 2	35.7	F	...	...	Berger et al. 2010
<i>Australopithecus garhi</i> :					
BOU-VP-12/1	30–43 ^a	...	335.0	...	Steudel-Numbers and Tilkens 2004
<i>Homo habilis</i> :					
KNM ER 3228	63.5	M	...	...	Ruff, Trinkaus, and Holliday 1997
KNM ER 1472	49.6	M	401.0	...	Steudel-Numbers and Tilkens 2004
KNM ER 1481	57.0	M	396.0	...	Steudel-Numbers and Tilkens 2004
OH-35	31.8	F	...	...	McHenry 1992
OH-8	31.0	F	...	...	McHenry 1992
OH-62	33.0 ^a	...	315.0	...	McHenry 1991, 1992
<i>Homo erectus</i> :					
KNM WT 15000	51.0	M	429.0	380.0	Pontzer et al. 2010 ^b
Dmanisi large adult	48.8	M	382.0	306.0	Pontzer et al. 2010 ^b
KNM ER 736	68.3	M	...	...	Ruff, Trinkaus, and Holliday 1997
KNM ER 1808	63.4	M	485.0	...	Ruff, Trinkaus, and Holliday 1997
Dmanisi subadult	49.4 ^b	M	...	...	Pontzer et al. 2010 ^b

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BSN49/P27	39.7	F	...	...	Simpson et al. 2008
Dmanisi small adult	40.2	F	...	...	Pontzer et al. 2010 ^b
OH 34	51.0	F	432.0	...	Steudel-Numbers and Tilkens 2004
OH 28	54.0	F	456.0	...	Steudel-Numbers and Tilkens 2004
<i>Homo heidelbergensis</i> :					
Broken Hill E691	62.4	...	...	416.0	Ruff, Trinkaus, and Holliday 1997
Neanderthal:					
LaChapelle1	77.3	M	430.0	340.0	Ruff, Trinkaus, and Holliday 1997
LaFerrassie1	85.0	M	458.0	370.0	Ruff, Trinkaus, and Holliday 1997
LaFerrassie2	67.0	F	407.0	311.0	Ruff, Trinkaus, and Holliday 1997
Spy2	83.6	M	423.5	331.0	Ruff, Trinkaus, and Holliday 1997
Amud1	70.3	M	482.0	386.0	Ruff, Trinkaus, and Holliday 1997
Shanidar1	80.5	M	458.0	355.0	Ruff, Trinkaus, and Holliday 1997
Shanidar5	68.5	M	447.0	365.0	Ruff, Trinkaus, and Holliday 1997
Shanidar6	59.4	F	384.0	300.0	Ruff, Trinkaus, and Holliday 1997
TabunC1	63.2	M	410.0	319.0	Ruff, Trinkaus, and Holliday 1997
Fossil <i>Homo sapiens</i> :					
G. desEnfents5	52.8	F	434.0	367.0	Ruff, Trinkaus, and Holliday 1997
Predmosti9	57.7	F	445.0	373.5	Ruff, Trinkaus, and Holliday 1997
Predmosti4	65.1	F	418.3	365.0	Ruff, Trinkaus, and Holliday 1997
Caviglione1	65.2	M	470.0	412.0	Ruff, Trinkaus, and Holliday 1997
Predmosti14	65.9	M	452.0	395.0	Ruff, Trinkaus, and Holliday 1997
Skhul 5	67.6	M	515.0	412.0	Ruff, Trinkaus, and Holliday 1997
Skhul 4	70.3	M	488.0	432.0	Ruff, Trinkaus, and Holliday 1997
Predmosti10	70.6	F	415.0	359.0	Ruff, Trinkaus, and Holliday 1997
Predmosti3	70.8	M	487.0	421.0	Ruff, Trinkaus, and Holliday 1997
Skhul 6	71.3	M	475.0	405.0	Ruff, Trinkaus, and Holliday 1997
B. deTorre1	75.4	M	535.0	420.0	Ruff, Trinkaus, and Holliday 1997
G. desEnfents4	83.8	M	523.0	454.0	Ruff, Trinkaus, and Holliday 1997

^aNot included in body mass comparisons of *Australopithecus* and *Homo*.

^bEstimated adult mass.