

表 1. 本研究使用物种的寿命表型数据.

Species	Common name	Adult weight (g)	Maximum longevity (yrs)	expected Maximum longevity (yrs)	LQ
<i>Homo sapiens</i>	Human	62,035	122.5	28.10	4.36
<i>Orcinus orca</i>	Killer whale	3,987,500	90	62.76	1.43
<i>Loxodonta africana</i>	African bush elephant	4,800,000	65	65.05	1.00
<i>Gorilla gorilla</i>	Gorilla	139,842	60.1	32.87	1.83
<i>Pan troglodytes</i>	Chimpanzee	44,984	59.4	26.41	2.25
<i>Equus caballus</i>	Horse	300,000	57	38.09	1.50
<i>Pan paniscus</i>	Pygmy chimpanzee or bonobo	39,925	55	25.81	2.13
<i>Cebus capucinus</i>	White-faced capuchin	2,655	54	15.30	3.53
<i>Tursiops truncatus</i>	Bottlenosed dolphin	200,000	51.6	35.22	1.46
<i>Equus asinus</i>	African wild ass	164,998	47	33.94	1.38
<i>Nomascus leucogenys</i>	White-cheeked gibbon	6,000	44.1	17.90	2.46
<i>Ursus maritimus</i>	Polar bear	475,000	43.8	41.62	1.05
<i>Choloepus hoffmanni</i>	Hoffmann's two-toed sloth	6,250	41	18.04	2.27
<i>Myotis brandtii</i>	Brandt's bat	7	41	4.86	8.43
<i>Delphinapterus leucas</i>	Beluga	1,430,000	40	51.49	0.78
<i>Macaca mulatta</i>	Rhesus monkey	8,235	40	19.03	2.10
<i>Mandrillus leucophaeus</i>	Drill	18,250	39	22.19	1.76
<i>Macaca fascicularis</i>	Long-tailed macaque	6,363	39	18.11	2.15
<i>Macaca nemestrina</i>	Pigtail macaque	7,913	37.6	18.89	1.99
<i>Ailuropoda melanoleuca</i>	Giant panda	117,500	36.8	31.79	1.16
<i>Camelus bactrianus</i>	Bactrian camel	475,000	35.4	41.62	0.85
<i>Colobus angolensis</i>	Angolan colobus	8,625	35.3	19.20	1.84
<i>Bubalus bubalis</i>	Water buffalo	725,000	34.9	45.16	0.77
<i>Myotis lucifugus</i>	Little brown bat	10	34	5.21	6.53
<i>Heterocephalus glaber</i>	Naked mole-rat	35	31	6.63	4.67
<i>Saimiri boliviensis</i>	Bolivian squirrel monkey	615	30.3	11.53	2.63
<i>Felis catus</i>	Domestic cat	3,900	30	16.47	1.82
<i>Rhinopithecus roxellana</i>	Golden snub-nosed monkey	14,750	29.5	21.30	1.39
<i>Camelus dromedarius</i>	Dromedary	434,000	28.4	40.91	0.69
<i>Panthera pardus</i>	Leopard	53,750	27.3	27.33	1.00
<i>Sus scrofa</i>	Wild boar	130,000	27	32.41	0.83
<i>Vicugna pacos</i>	Alpaca	62,000	25.8	28.10	0.92
<i>Lipotes vexillifer</i>	Yangtze river dolphin or baiji	83,500	24	29.76	0.81
<i>Canis familiaris</i>	Domestic dog	40,000	24	25.82	0.93
<i>Castor canadensis</i>	American beaver	20,250	23.4	22.64	1.03
<i>Rousettus aegyptiacus</i>	Egyptian rousette	125	22.9	8.48	2.70
<i>Ovis aries</i>	Domestic sheep or mouflon	80,000	22.8	29.52	0.77
<i>Callithrix jacchus</i>	White-tufted-ear marmoset	255	22.8	9.73	2.34
<i>Ornithorhynchus anatinus</i>	Duck-billed platypus	1,250	22.6	13.23	1.71
<i>Dasylops novemcinctus</i>	Nine-banded armadillo	5,500	22.3	17.61	1.27
<i>Phascolarctos cinereus</i>	Koala	9,300	22.1	19.48	1.13
<i>Pteropus vampyrus</i>	Large flying fox	872	20.9	12.34	1.69
<i>Capra hircus</i>	Domestic goat	61,000	20.8	28.01	0.74
<i>Acinonyx jubatus</i>	Cheetah	53,500	20.5	27.31	0.75
<i>Bos taurus</i>	Domestic cattle	750,000	20	45.46	0.44
<i>Otolemur garnettii</i>	Small-eared galago	1,300	20	13.33	1.50
<i>Pteropus alecto</i>	Black flying fox	672	19.7	11.73	1.68
<i>Echinops telfairi</i>	Lesser hedgehog tenrec	180	19	9.10	2.09
<i>Eptesicus fuscus</i>	Big brown bat	23	19	6.12	3.11
<i>Microcebus murinus</i>	Gray mouse lemur	65	18.2	7.47	2.44
<i>Chinchilla lanigera</i>	Long-tailed chinchilla	643	17.2	11.63	1.48
<i>Carlito syrichta</i>	Philippine tarsier	119	16	8.40	1.90
<i>Procavia capensis</i>	Rock hyrax	3,600	14.8	16.22	0.91
<i>Octodon degus</i>	Degu	235	14	9.58	1.46
<i>Sarcophilus harrisii</i>	Tasmanian devil	6,500	13	18.18	0.71
<i>Cavia porcellus</i>	Guinea pig	728	12	11.92	1.01
<i>Erinaceus europaeus</i>	Western European hedgehog	750	11.7	11.98	0.98
<i>Mustela putorius</i>	European polecat	809	11.1	12.16	0.91
<i>Tupaia belangeri</i>	Northern tree shrew	200	11.1	9.29	1.20
<i>Dipodomys ordii</i>	Ord's kangaroo rat	57	9.9	7.29	1.36
<i>Oryctolagus cuniculus</i>	European rabbit	1,800	9	14.19	0.63
<i>Peromyscus maniculatus</i>	Deer mouse	21	8.3	5.98	1.39
<i>Ictidomys tridecemlineatus</i>	Thirteen-lined ground squirrel	173	7.9	9.03	0.88
<i>Jaculus jaculus</i>	Lesser Egyptian jerboa	55	7.3	7.24	1.01
<i>Ochotona princeps</i>	American pika	100	7	8.12	0.86
<i>Meriones unguiculatus</i>	Mongolian jird	53	6.3	7.19	0.88
<i>Cavia aperea</i>	Brazilian guinea pig	341	6	10.29	0.58
<i>Microtus ochrogaster</i>	Prairie vole	40	5.3	6.81	0.78
<i>Monodelphis domestica</i>	Gray short-tailed opossum	105	5.1	8.20	0.62
<i>Mus musculus</i>	House mouse	21	4	5.98	0.67
<i>Mesocricetus auratus</i>	Golden hamster	105	3.9	8.20	0.48
<i>Rattus norvegicus</i>	Norway rat	300	3.8	10.04	0.38
<i>Sorex araneus</i>	Eurasian shrew	9	3.2	5.10	0.63
<i>Condylura cristata</i>	Star-nosed mole	55	2.5	7.25	0.35