

Supplementary Info

Solitary meat-eaters: solitary, carnivorous carnivorans exhibit the highest degree of sexual size dimorphism

Running title: Sexual dimorphism evolution in Carnivora

Chris Law*

American Museum of Natural History, 200 Central Park West, New York, NY 20024

*claw@amnh.org

Figure S1. Scaling of female body mass on male body mass across carnivoran families using phylogenetic reduced major axis (RMA) regression.

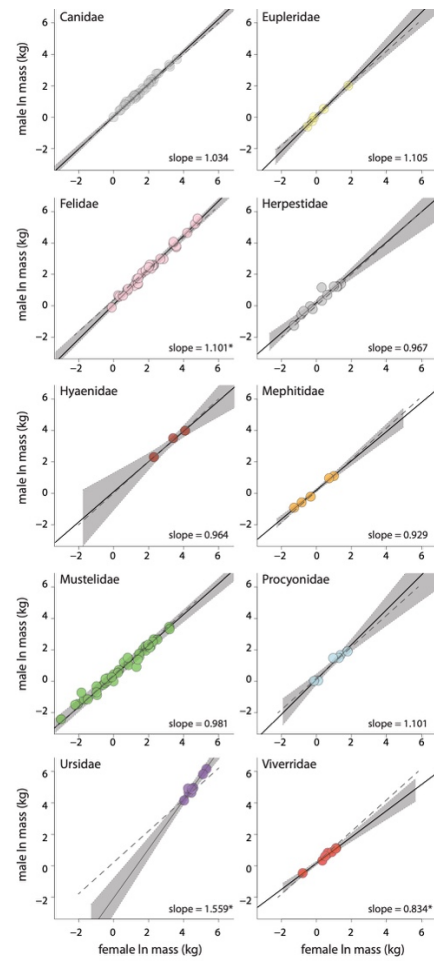


Table S1. Body masses, dietary regimes, and social system for each species.

Species	Family	♀ mass	♂ mass	SDI	Diet	Social System	References
<i>Ailurus_fulgens</i>	Ailuridae	4.9	5	2.041	Herbivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Atelocynus_microtis</i>	Canidae	9.5	9.5	0	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Canis_adustus</i>	Canidae	8.3	9.4	13.25 3	Omnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Canis_aureus</i>	Canidae	7.3	8.8	20.54 8	Omnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Canis_latrans</i>	Canidae	10.1	11.6	14.85 1	Carnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Canis_lupus</i>	Canidae	37	40	8.108	Carnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Canis_mesomelas</i>	Canidae	7.4	8.1	9.459	Omnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Canis_rufus</i>	Canidae	24.3	28.5	17.28 4	Carnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Canis_simensis</i>	Canidae	12.8	16.2	26.56 3	Carnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Cerdocyon_thous</i>	Canidae	5.7	5.7	0	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Chrysocyon_brachyurus</i>	Canidae	25	25	0	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Cuon_alpinus</i>	Canidae	11.5	15.8	37.39 1	Carnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Lycaon_pictus</i>	Canidae	24	28	16.66 7	Carnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Nyctereutes_procyonoides</i>	Canidae	4.5	4.5	0	Omnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)

<i>Otocyon_megalotis</i>	Canidae	4.1	4	-2.439	Insectivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Pseudalopex_culpaesus</i>	Canidae	8.5	11	29.412	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Pseudalopex_fulvipes</i>	Canidae	2.9	3.3	13.793	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Pseudalopex_griseus</i>	Canidae	3.3	4	21.212	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Pseudalopex_gymnocercus</i>	Canidae	4.2	4.6	9.524	Carnivory	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Pseudalopex_sechurae</i>	Canidae	3.6	3.6	0	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Pseudalopex_vetulus</i>	Canidae	3.4	3.3	-2.941	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Speothos_venaticus</i>	Canidae	6.5	6.5	0	Carnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Urocyon_cinereoargenteus</i>	Canidae	3.3	4	21.212	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Urocyon_littoralis</i>	Canidae	1.8	2	11.111	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_bengalensis</i>	Canidae	2	2.95	47.5	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_cana</i>	Canidae	1	1	0	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_chama</i>	Canidae	2.5	2.8	12	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_corsac</i>	Canidae	2.1	2.7	28.571	Carnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_ferrilata</i>	Canidae	3.5	4.1	17.143	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_lagopus</i>	Canidae	3.1	3.6	16.129	Carnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)

<i>Vulpes_macrotis</i>	Canidae	1.9	2.3	21.05 3	Carnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_pallida</i>	Canidae	2.8	2.8	0	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_rueppellii</i>	Canidae	1.5	1.6	6.667	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_velox</i>	Canidae	2	2.2	10	Omnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_vulpes</i>	Canidae	5.3	6.3	18.86 8	Carnivory	Pair	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Vulpes_zerda</i>	Canidae	1.4	1.5	7.143	Insectivor y	Group	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Cryptoprocta_ferox</i>	Eupleridae	6.15	7.4	20.32 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Fossa_fossana</i>	Eupleridae	1.525	1.7	11.47 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Galidia_elegans</i>	Eupleridae	0.87	0.992	14.02 3	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Galidictis_grandidieri</i>	Eupleridae	1.494	1.723	15.32 8	Insectivor y	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Mungotictis_decemlineata</i>	Eupleridae	0.595	0.55	-7.563	Insectivor y	Group	(Wilson <i>et al.</i> , 2009)
<i>Salanoia_concolor</i>	Eupleridae	0.78	0.78	0	Insectivor y	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Acinonyx_jubatus</i>	Felidae	35.9	41.4	15.32	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Caracal_aurata</i>	Felidae	7.2	11	52.77 8	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Caracal_caracal</i>	Felidae	10	12.9	29	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Felis_chaus</i>	Felidae	5.1	8.1	58.82 4	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)

<i>Felis_margarita</i>	Felidae	2.2	2.78	26.36 4	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Felis_nigripes</i>	Felidae	1.3	1.93	48.46 2	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Felis_silvestris</i>	Felidae	3.7	4.9	32.43 2	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Leopardus_colocolo</i>	Felidae	4	3.9	-2.5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Leopardus_geoffroyi</i>	Felidae	3.8	5.5	44.73 7	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Leopardus_guigna</i>	Felidae	1.4	1.8	28.57 1	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Leopardus_pardalis</i>	Felidae	9.8	13.5	37.75 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Leopardus_tigrinus</i>	Felidae	2.2	2.6	18.18 2	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Leopardus_wiedii</i>	Felidae	3.3	3.6	9.091	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Leptailurus_serval</i>	Felidae	8.5	11.2	31.76 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Lynx_canadensis</i>	Felidae	8.6	10.7	24.41 9	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Lynx_lynx</i>	Felidae	17.3	19.6	13.29 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Lynx_pardinus</i>	Felidae	9.3	12.8	37.63 4	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Lynx_rufus</i>	Felidae	6.2	9.3	50	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Neofelis_diardi</i>	Felidae	16.8	23	36.90 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Neofelis_nebulosa</i>	Felidae	14.4	19.6	36.11 1	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)

<i>Otocolobus_manul</i>	Felidae	4.02	4.12	2.488	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Panthera_leo</i>	Felidae	104.6	185.6	77.43 8	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Panthera_onca</i>	Felidae	66.9	104.5	56.20 3	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Panthera_pardus</i>	Felidae	30.5	51.5	68.85 2	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Panthera_tigris</i>	Felidae	121	260	114.8 8	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Panthera_uncia</i>	Felidae	35.7	44.8	25.49	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Pardofelis_temminckii</i>	Felidae	7.9	13.5	70.88 6	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Prionailurus_bengalensis</i>	Felidae	2.3	2.9	26.08 7	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Prionailurus_planiceps</i>	Felidae	1.7	1.9	11.76 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Prionailurus_rubiginosus</i>	Felidae	0.9	0.9	0	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Prionailurus_viverrinus</i>	Felidae	7.5	11.6	54.66 7	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Puma_concolor</i>	Felidae	30.7	58.9	91.85 7	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Puma_yagouaroundi</i>	Felidae	4.1	5.7	39.02 4	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Johnson <i>et al.</i> , 2017)
<i>Atilax_paludinosus</i>	Herpestidae	3.25	3.45	6.154	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Bdeogale_nigripes</i>	Herpestidae	3.4	3.4	0	Insectivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Cynictis_penicillata</i>	Herpestidae	0.808	0.808	0	Insectivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Galerella_pulverulenta</i>	Herpestidae	0.695	0.965	38.84 9	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009)

<i>Galerella sanguinea</i>	Herpestidae	0.421	0.576	36.81 7	Carnivory	Solitary	(Wilson et al., 2009)
<i>Helogale parvula</i>	Herpestidae	0.277	0.282	1.805	Insectivory	Group	(Wilson et al., 2009)
<i>Herpestes brachyurus</i>	Herpestidae	1.85	2	8.108	Omnivory	Solitary	(Wilson et al., 2009)
<i>Herpestes ichneumon</i>	Herpestidae	3.15	3.35	6.349	Omnivory	Solitary	(Wilson et al., 2009)
<i>Herpestes naso</i>	Herpestidae	1.35	3.2	137.0 4	Omnivory	Solitary	(Wilson et al., 2009)
<i>Herpestes vitticollis</i>	Herpestidae	2.7	3.4	25.92 6	Omnivory	Solitary	(Wilson et al., 2009)
<i>Ichneumia albicauda</i>	Herpestidae	4.05	4.05	0	Insectivory	Solitary	(Wilson et al., 2009)
<i>Mungos gambianus</i>	Herpestidae	1.6	1.6	0	Insectivory	Group	(Wilson et al., 2009)
<i>Mungos mungo</i>	Herpestidae	1.365	1.385	1.465	Insectivory	Group	(Wilson et al., 2009)
<i>Suricata suricatta</i>	Herpestidae	0.484	0.712	47.10 7	Insectivory	Group	(Wilson et al., 2009)
<i>Crocuta crocuta</i>	Hyaenidae	59.38 6	53.66 5	-9.634	Carnivory	Group	(Wilson et al., 2009; Swanson et al., 2013)
<i>Hyaena hyaena</i>	Hyaenidae	30	33.5	11.66 7	Carnivory	Group	(Wilson et al., 2009)
<i>Proteles cristatus</i>	Hyaenidae	10	10	0	Insectivory	Pair	(Wilson et al., 2009)
<i>Conepatus humboldtii</i>	Mephitidae	1.53	2.24	46.40 5	Omnivory	Solitary	(Wilson et al., 2009; Noonan et al., 2016)
<i>Conepatus mesoleucus</i>	Mephitidae	2.7	3	11.11 1	Insectivory	Solitary	(Wilson et al., 2009; Noonan et al., 2016)
<i>Mephitis macroura</i>	Mephitidae	0.72	0.81	12.5	Omnivory	Solitary	(Wilson et al., 2009; Noonan et al., 2016)
<i>Mephitis mephitis</i>	Mephitidae	2.05	2.6	26.82 9	Insectivory	Solitary	(Wilson et al., 2009; Noonan et al., 2016)

<i>Spilogale gracilis</i>	Mephitidae	0.43	0.56	30.23 3	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Spilogale putorius</i>	Mephitidae	0.28	0.4	42.85 7	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Spilogale pygmaea</i>	Mephitidae	0.22	0.24	9.091	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Aonyx capensis</i>	Mustelidae	12.2	14.3	17.21 3	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Aonyx cinerea</i>	Mustelidae	3.7	2.5	- 32.43 2	Piscivory	Group	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Eira barbara</i>	Mustelidae	4.4	4.84	10	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Enhydra lutris</i>	Mustelidae	24	32	33.33 3	Piscivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Galictis cuja</i>	Mustelidae	1	1	0	Carnivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Galictis vittata</i>	Mustelidae	1.8	3.38	87.77 8	Carnivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Gulo gulo</i>	Mustelidae	10	14.6	46	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Hydrictis maculicollis</i>	Mustelidae	4.3	5.75	33.72 1	Piscivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Ictonyx libyca</i>	Mustelidae	0.39	0.42	7.792	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Ictonyx striatus</i>	Mustelidae	0.64	0.91	42.18 8	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Lontra canadensis</i>	Mustelidae	7.9	8.8	11.39 2	Piscivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Lontra felina</i>	Mustelidae	4	4	0	Piscivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Lontra longicaudis</i>	Mustelidae	7.9	8.6	8.861	Piscivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)

<i>Lontra provocax</i>	Mustelidae	9.4	12.5	32.97 9	Piscivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Lutra lutra</i>	Mustelidae	7	10	42.85 7	Piscivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Lutrogale perspicillata</i>	Mustelidae	7.3	10.29	40.95 9	Piscivory	Pair	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Martes americana</i>	Mustelidae	0.55	0.8	45.45 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Martes flavigula</i>	Mustelidae	2.36	2.83	19.91 5	Carnivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Martes foina</i>	Mustelidae	1.28	1.72	34.37 5	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Martes martes</i>	Mustelidae	1.34	1.92	43.28 4	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Martes melampus</i>	Mustelidae	1.01	1.56	54.45 5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Martes pennanti</i>	Mustelidae	2.25	4.5	100	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Martes zibellina</i>	Mustelidae	0.9	1.3	44.44 4	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Meles anakuma</i>	Mustelidae	5.4	7.7	42.59 3	Omnivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Meles leucurus</i>	Mustelidae	6.3	7.1	12.69 8	Omnivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Meles meles</i>	Mustelidae	8.4	9.2	9.524	Omnivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mellivora capensis</i>	Mustelidae	6.2	9.4	51.61 3	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela altaica</i>	Mustelidae	0.129	0.236	82.94 6	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela erminea</i>	Mustelidae	0.185	0.32	72.97 3	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)

<i>Mustela_eversmannii</i>	Mustelidae	1.35	2.05	51.85 2	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela_frenata</i>	Mustelidae	0.112	0.225	100.8 9	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela_itatsi</i>	Mustelidae	0.16	0.49	210.8 3	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela_lutreola</i>	Mustelidae	0.61	0.92	52.72 7	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela_nigripes</i>	Mustelidae	0.7	1.03	47.14 3	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela_nivalis</i>	Mustelidae	0.05	0.09	80	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela_putorius</i>	Mustelidae	0.71	1.23	73.23 9	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela_sibirica</i>	Mustelidae	0.38	0.73	93.6	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Mustela_subpalmata</i>	Mustelidae	0.21	0.39	86.60 3	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Neovison_vison</i>	Mustelidae	0.63	1.16	84.12 7	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Poecilogale_albinucha</i>	Mustelidae	0.23	0.32	39.13	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Pteronura_brasiliensis</i>	Mustelidae	24.5	27.5	12.24 5	Piscivory	Group	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Taxidea_taxus</i>	Mustelidae	6.6	8.2	24.24 2	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Vormela_peregrina</i>	Mustelidae	0.38	0.5	32.8	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Bassaricyon_gabbi</i>	Procyonidae	1.1	1.05	-4.545	Herbivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Bassariscus_astutus</i>	Procyonidae	0.87	1.03	18.39 1	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)

<i>Nasua_narica</i>	Procyonidae	3.95	5.3	34.177	Omnivory	Group	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Nasua_nasua</i>	Procyonidae	3.58	4.45	24.302	Omnivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Potos_flavus</i>	Procyonidae	2.6	4.4	69.231	Herbivory	Group	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Procyon_lotor</i>	Procyonidae	5.94	6.76	13.805	Omnivory	Variabl e	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Procyon_pygmaeus</i>	Procyonidae	3.22	3.7	14.907	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009; Noonan <i>et al.</i> , 2016)
<i>Ailuropoda_melanoleuca</i>	Ursidae	85	105	23.529	Herbivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Helarctos_malayanus</i>	Ursidae	56	64	14.286	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Melursus_ursinus</i>	Ursidae	72.5	107.5	48.276	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Tremarctos_ornatus</i>	Ursidae	70	137.5	96.429	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Ursus_americanus</i>	Ursidae	95	142.5	50	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Ursus_arctos</i>	Ursidae	165	340	106.06	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Ursus_maritimus</i>	Ursidae	200	475	137.5	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Ursus_thibetanus</i>	Ursidae	87.5	130	48.571	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Genetta_felina</i>	Viverridae	1.7	1.95	14.706	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Genetta_genetta</i>	Viverridae	1.85	2.1	13.514	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Genetta_johnstoni</i>	Viverridae	2.4	2.4	0	Insectivor y	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Genetta_maculata</i>	Viverridae	1.9	2.3	21.053	Carnivory	Solitary	(Wilson <i>et al.</i> , 2009)

<i>Genetta_pardina</i>	Viverridae	3.1	3.1	0	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Genetta_thierryi</i>	Viverridae	1.4	1.4	0	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Genetta_tigrina</i>	Viverridae	1.65	1.85	12.12 1	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Genetta_victoriae</i>	Viverridae	3	3	0	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)
<i>Poiana_richardsonii</i>	Viverridae	0.455	0.63	38.46 2	Omnivory	Solitary	(Wilson <i>et al.</i> , 2009)

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