

Supplementary information

To the article: Bidau C.J., Martínez P.A. "Cats and dogs cross the line: domestic breeds follow Rensch's rule, their wild relatives do not"

Appendix 1. Maximum body mass and maximum height at withers of domestic dog breeds. Sexual size dimorphism (male size/female size) is indicated

Dog breed	Maximum body mass, kg			Maximum height at withers, cm		
	Male	Female	SSD	Male	Female	SSD
Afghan Hound	–	–	–	71.0	66.0	1.08
Airedale Terrier	31.8	21.8	1.46	–	–	–
Akita	49.9	38.6	1.29	71.0	71.0	1.00
American Eskimo Miniature	–	–	–	38.1	35.6	1.07
American Eskimo Standard	–	–	–	48.3	45.7	1.06
American Foxhound	–	–	–	63.5	61.0	1.04
American Staffordshire Terrier	–	–	–	48.0	45.5	1.05
American Water Spaniel	20.4	18.2	1.13	–	–	–
Anatolian Shepherd Dog	68.1	54.5	1.25	–	–	–
Australian Cattle Dog	–	–	–	51.0	48.0	1.06
Australian Shepherd	–	–	–	58.5	53.0	1.10
Bearded Collie	27.2	27.2	1.00	56.0	53.0	1.06
Beauceron	49.9	43.1	1.16	64.0	67.0	0.96
Bedlington Terrier	10.4	9.1	1.15	–	–	–
Belgian Malinois	–	–	–	66.0	61.0	1.08
Belgian Sheepdog	–	–	–	66.0	61.0	1.08
Belgian Tervuren	–	–	–	66.0	61.0	1.08
Bernese Mountain Dog	52.2	43.1	1.21	70.0	66.0	1.06
Black Russian Terrier	–	–	–	76.0	74.0	1.03
Black and Tan Coonhound	49.9	45.4	1.10	68.5	63.5	1.08
Bloodhound	49.9	45.4	1.10	68.5	63.5	1.08
Bluetick Coonhound	36.3	29.5	1.23	69.0	64.0	1.08
Border Collie	20.4	19.1	1.07	56.0	53.0	1.06
Border Terrier	7.0	6.4	1.11	–	–	–
Borzoi	47.7	40.9	1.17	–	–	–
Boston Terrier	–	–	–	70.0	66.0	1.06
Boxer	36.3	29.5	1.23	63.5	70.0	0.91
Boykin Spaniel	–	–	–	46.0	42.0	1.10
Briard	45.4	36.3	1.25	68.5	65.0	1.05
Bullmastiff	59.0	54.5	1.08	68.5	66.0	1.04
Canaan Dog	25.0	20.4	1.22	61.0	58.5	1.04
Cane Corso	49.9	44.9	1.11	66.0	70.0	0.94
Cardigan Welsh Corgi	17.3	15.4	1.12	31.5	31.5	1.00
Cavalier King Charles Spaniel	8.2	7.7	1.06	33.0	33.0	1.00
Chesapeake Bay Retriever	36.3	31.8	1.14	66.0	61.0	1.08
Chinook	–	–	–	69.0	64.0	1.08
Clumber Spaniel	38.6	31.8	1.21	51.0	48.0	1.06
Cocker Spaniel	12.7	11.8	1.08	–	–	–
Collie-Rough and Smooth	34.1	29.5	1.15	66.0	61.0	1.08
Curly-Coated Retriever	–	–	–	68.5	63.5	1.08
Dandy Dinmont Terrier	10.9	10.9	1.00	–	–	–
Doberman Pinscher	36.3	34.1	1.07	71.0	66.0	1.08

Continue Table

Dog breed	Maximum body mass, kg			Maximum height at withers, cm		
	Male	Female	SSD	Male	Female	SSD
Dogue De Bordeaux	–	–	–	68.5	66.0	1.04
English Cocker Spaniel	15.4	14.5	1.06	43.0	40.5	1.06
English Foxhound	–	–	–	69.0	63.5	1.09
English Setter	36.3	29.5	1.23	–	–	–
Entlebucher Mountain Dog	–	–	–	53.0	51.0	1.04
Finnish Spitz	–	–	–	51.0	45.5	1.12
Flat-Coated Retriever	–	–	–	62.0	59.5	1.04
German Shepherd Dog	–	–	–	66.0	61.0	1.08
German Shorthaired Pointer	31.8	27.2	1.17	63.5	58.5	1.09
German Wirehaired Pointer	–	–	–	66.0	61.0	1.08
Giant Schnauzer	–	–	–	70.0	65.0	1.08
Golden Retriever	34.1	29.5	1.15	61.0	57.0	1.07
Gordon Setter	36.3	31.8	1.14	68.5	66.0	1.04
Great Pyrenees	–	–	–	81.0	73.5	1.10
Greater Swiss Mountain Dog	63.6	49.9	1.27	72.5	68.5	1.06
Greyhound	31.8	29.5	1.08	76.0	71.0	1.07
Ibizan Hound	–	–	–	70.0	66.0	1.06
Irish Red and White Setter	–	–	–	66.0	61.0	1.08
Irish Water Spaniel	29.5	26.3	1.12	61.0	58.5	1.04
Kerry Blue Terrier	–	–	–	49.5	48.0	1.03
Kuvasz	52.2	40.9	1.28	76.2	71.0	1.07
Labrador Retriever	36.3	31.8	1.14	62.0	59.5	1.04
Lakeland Terrier	–	–	–	38.0	38.0	1.00
Leonberger	77.2	59.0	1.31	80.0	74.0	1.08
Lhasa Apso	8.2	6.8	1.20	–	–	–
Neopolitan Mastiff	–	–	–	79.0	74.0	1.07
Newfoundland	68.1	54.5	1.25	–	–	–
Norwegian Buhund	18.2	16.1	1.13	47.0	45.0	1.04
Norwegian Lundehund	–	–	–	38.0	35.5	1.07
Nova Scotia Duck Tolling Terrier	–	–	–	53.0	51.0	1.04
Otterhound	52.2	38.6	1.35	–	–	–
Pembroke Welsh Corgi	–	–	–	30.5	30.5	1.00
Pharaoh Hound	–	–	–	63.5	61.0	1.04
Plott Hound	29.5	25.0	1.18	58.0	58.0	1.00
English Pointer	34.1	29.5	1.15	71.0	66.0	1.08
Poodle Toy	4.1	4.1	1.00	–	–	–
Poodle Miniature	3.6	3.6	1.00	38.0	38.0	1.00
Portuguese Water Dog	27.2	22.7	1.20	58.5	53.0	1.10
Pyrenean Shepherd Rough Faced	–	–	–	47.0	46.0	1.02
Pyrenean Shepherd Smooth Faced	–	–	–	53.0	52.0	1.02
Rhodesia Ridgeback	–	–	–	68.5	66.0	1.04
Rottweiler	61.3	45.4	1.35	68.5	63.5	1.08
Saluki	25.0	18.2	1.38	71.0	66.0	1.08
Samoyed	–	–	–	60.0	53.0	1.13
Schipperke	–	–	–	33.0	30.5	1.08

End of Table

Dog breed	Maximum body mass, kg			Maximum height at withers, cm		
	Male	Female	SSD	Male	Female	SSD
Scottish Deerhound	49.9	43.1	1.16	–	–	–
Scottish Terrier	10.0	9.5	1.05	–	–	–
Shetland Sheepdog	8.2	7.3	1.13	–	–	–
Shiba Inu	–	–	–	42.0	39.0	1.08
Shih Tzu	7.3	7.3	1.00	24.8	26.5	0.93
Siberian Husky	27.2	22.7	1.20	59.5	56.0	1.06
Soaf-Coated Wheaten Terrier	18.2	15.9	1.14	48.0	45.5	1.05
Spinone Italiano	38.1	31.8	1.20	68.5	63.5	1.08
Staffordshire Bull Terrier	17.3	15.4	1.12	–	–	–
Standard Schnauzer	20.4	18.2	1.13	49.5	47.0	1.05
Swedish Vallhund	–	–	–	34.5	32.0	1.08
Tibetan Mastiff	74.9	54.5	1.38	71.0	76.0	0.93
Tibetan Terrier	–	–	–	40.5	38.0	1.07
Vizsla	27.2	25.0	1.09	61.0	58.5	1.04
Weimaraner	40.0	36.3	1.10	69.5	64.0	1.09
Welsh Springer Spaniel	–	–	–	48.0	45.5	1.05
Welsh Terrier	–	–	–	39.0	38.0	1.03
West Highland White Terrier	10.0	7.3	1.38	–	–	–
Whippet	12.7	11.4	1.12	56.0	53.5	1.05
Wirehaired Pointing Griffon	27.2	22.7	1.20	61.0	56.0	1.09

Appendix 2. Maximum body mass of domestic cat breeds. Sexual size dimorphism (male mass/female mass) is indicated

Cat breeds	Maximum body mass, kg		
	Male	Female	SSD
Abyssinian	4.54	3.18	1.43
American Bobtail	7.26	4.99	1.45
American Bobtail Sh	7.26	4.99	1.45
American Curl	4.99	3.63	1.38
American Curl Longhair	4.99	3.63	1.38
American Shorthair	5.45	6.81	0.80
Balinese	3.63	3.18	1.14
Bengal	9.99	6.81	1.47
Chartreux	7.72	4.54	1.70
Colorpoint Shorthair	5.45	3.63	1.50
Cornishrex	4.54	3.18	1.43
Cymric	5.45	4.54	1.20
Havana	4.54	3.63	1.25
Japanese Bobtail	4.54	3.18	1.43
Japanese Bobtail Lh	4.54	3.18	1.43
Korat	4.54	3.63	1.25
Kurilian Bobtail	4.31	4.99	0.86
Laperm	4.54	3.63	1.25
Laperm Shorthair	4.54	3.63	1.25
Maine Coon	8.17	5.90	1.38
Manx	5.45	4.54	1.20
Munchkin	4.54	3.63	1.25
Ocicat	6.36	4.09	1.56
Pixiebox	7.72	5.45	1.42
Pixiebox Longhair	7.72	5.45	1.42
Ragdoll	9.08	6.81	1.33
Fold	5.90	4.09	1.44
Scottish (Highland) Fold	5.90	4.09	1.44
Scottish Fold Longhair	5.90	4.09	1.44
Siamese	5.45	3.63	1.50
Singapura	3.63	2.72	1.33
Snowshoe	5.45	4.54	1.20
Somali	4.54	3.18	1.43
Sphynx	5.45	3.63	1.50
Tonkinese	5.45	3.63	1.50
Toyger	6.81	4.54	1.50
Turkish Angora	4.99	4.09	1.22
Turkish Van	9.08	5.45	1.67