



Pomeranian

Pedigree Breed Health Survey

Forms were received representing 63 living dogs & 7 deceased dogs.

Mortality results

A total of 7 deaths were reported, representing 0.12% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for the Pomeranian was 6 years to 16 years. Table 1 shows the causes of death for the breed.

Table 1 The most common causes of death/reasons for euthanasia (N =7 deceased dogs).

Cause of death
Old Age
Cardiac heart Failure
Cushing's Disease
Kidney Failure
Sudden death
Unknown

Morbidity results

The 63 live Pomeranians represented 0.15% of total dogs in the survey. The median age of live dogs for the breed was 4 years (Table 2). Of the 63 Pomeranians which the survey covers, 39 had reported no conditions and 25 reported affected by at least one condition (min = 1 condition(s), max = 8 conditions), giving a total of 63 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Pomeranians are shown in Table 3. There were 41 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 3 years (min = 0 years, max= 10 years, Figure 3). The ages for the most common conditions is displayed in Figure 4. Table 5 shows the frequency of occurrence of all reported disease conditions for the Pomeranian.

Table 2: The summary statistics for the dogs' current age when survey was completed

Number of Dogs	Mean age (years)	Median age (years)	Min age (years)	Max age (years)
64	4.36	4	0	18

Table 3: Gender, neuter status and age summary statistics for dogs where gender and neuter status was reported

Sex	Neuter status	Age known	Count	Mean age neutered (years)	Median age neutered (years)	Min age neutered (years)	Max age neutered (years)
Female	Neutered	Yes	10	4.70	4	0	10
Female	Not neutered	No	22	NA	NA	NA	NA
Female	Unknown	No	1	NA	NA	NA	NA
Male	Neutered	Yes	14	0.64	0	0	4
Male	Not neutered	No	16	NA	NA	NA	NA
Male	Unknown	No	1	NA	NA	NA	NA

Table 4: The body condition comment and the age of the dog when this comment was made

Body condition	Count	Mean age (years)	Median age (years)	Min age (years)	Max age (years)
No comment was made by vet	4	1.50	0	0	6
Normal	34	3.26	3.5	0	10
Somewhat overweight	3	4.67	4	2	8

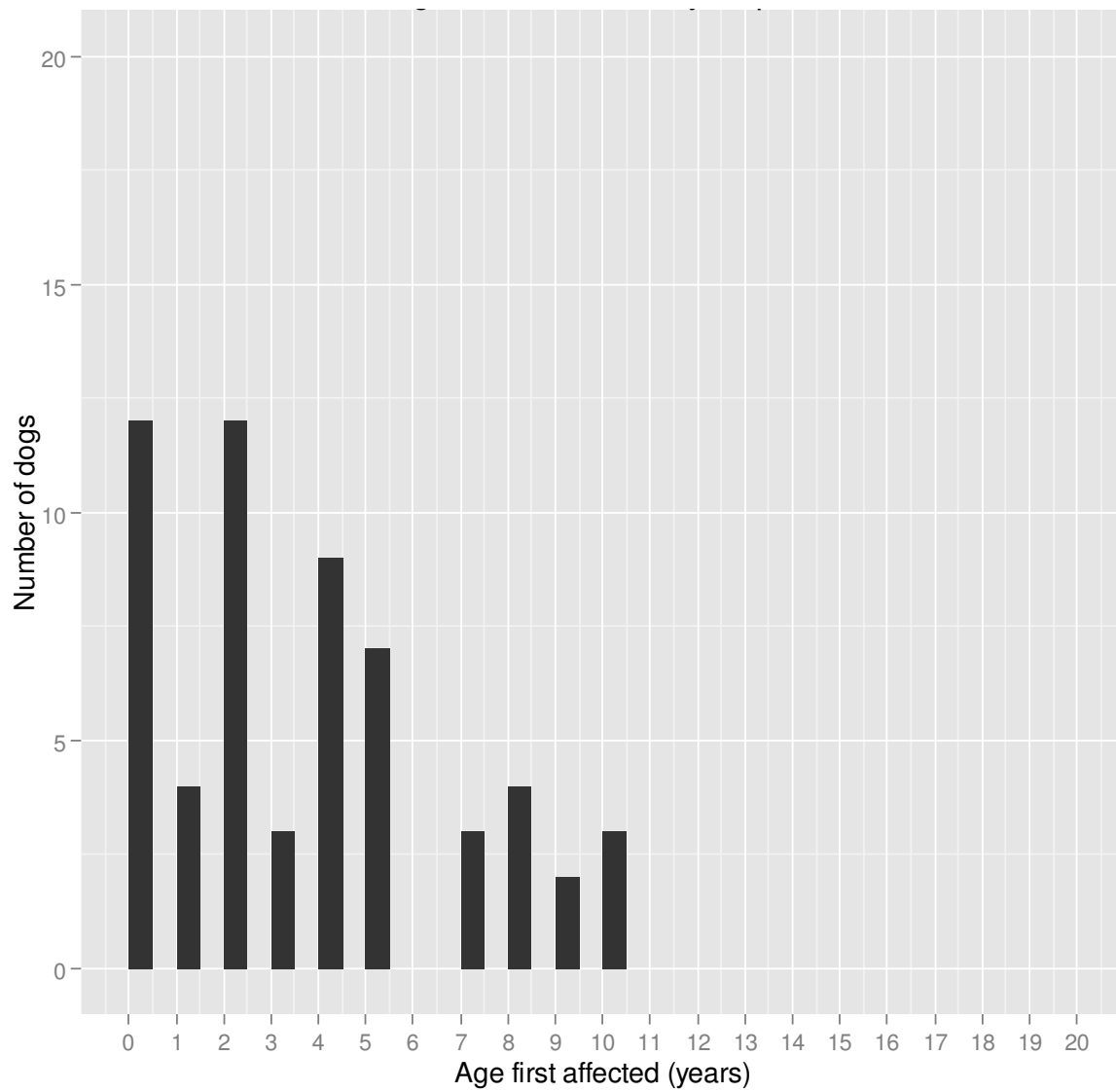


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

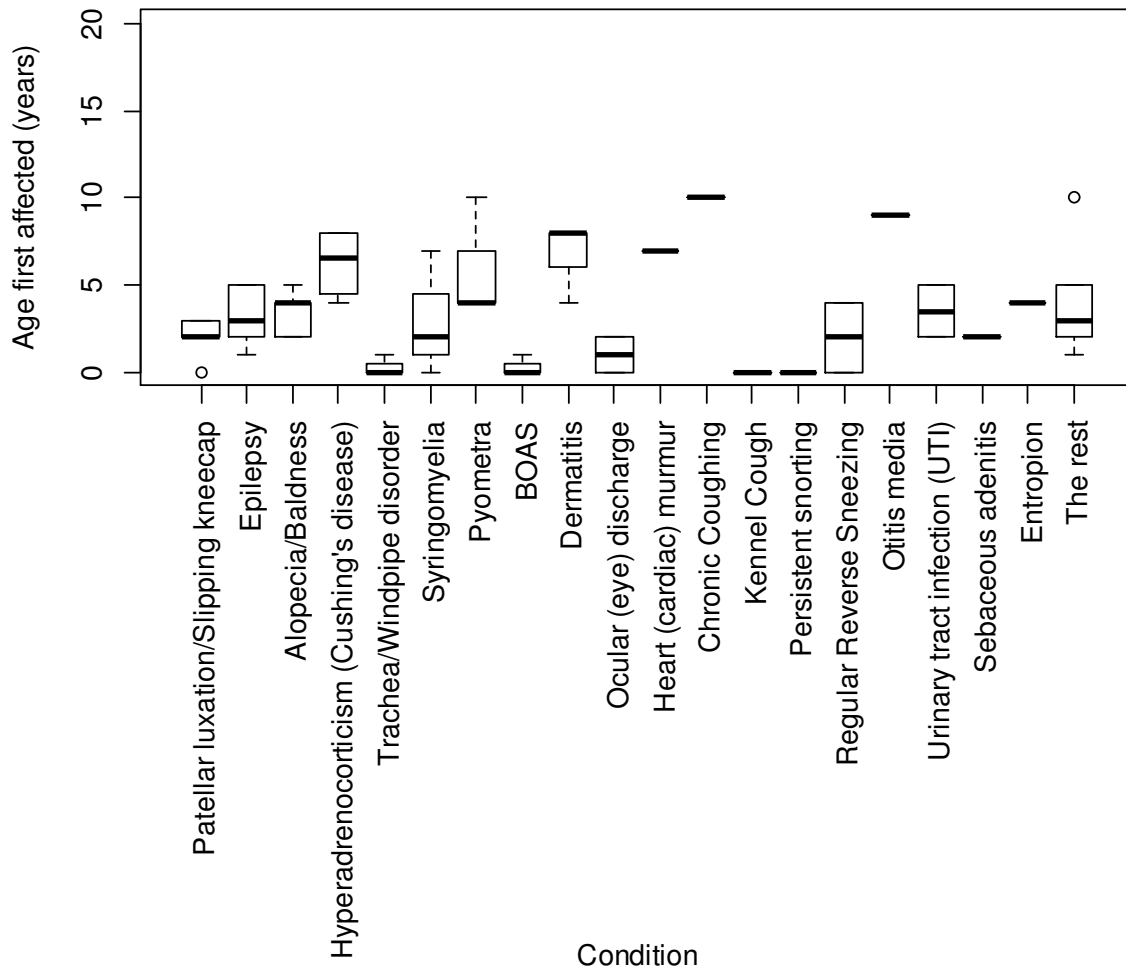


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition. The circles (o) represent possible outliers

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 63 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Alopecia/Baldness	5	7.94	7.94
Epilepsy	5	7.94	7.94
Patellar luxation/Slipping kneecap	5	7.94	7.94
Hyperadrenocorticism (Cushing's disease)	4	6.35	6.35
Trachea/Windpipe disorder	4	6.35	6.35
BOAS	3	4.76	4.76
Dermatitis	3	4.76	4.76
Pyometra	3	4.76	4.76
Syringomyelia	3	4.76	4.76
Chronic Coughing	2	3.17	3.17
Heart (cardiac) murmur	2	3.17	3.17
Kennel Cough	2	3.17	3.17
Ocular (eye) discharge	2	3.17	3.17
Otitis media	2	3.17	3.17
Persistent snorting	2	3.17	3.17
Regular Reverse Sneezing	2	3.17	3.17
Urinary tract infection (UTI)	2	3.17	3.17
Arthritis	1	1.59	1.59
Entropion	1	1.59	1.59
Hyperthyroidism	1	1.59	1.59

Proportion of morbidity as %= N/63 disease conditions, prevalence %= N/63 live dogs

Summary

From the dogs surveyed, most Pomeranians were not affected by a disease condition (60.94%). There were three conditions that represented an equal proportion of affected live dogs; these conditions were alopecia/baldness, epilepsy, and patellar luxation/slipping kneecap. The most commonly reported cause of death was old age.