



Spanish Water Dog

Pedigree Breed Health Survey

Forms were received representing 62 living dogs & 1 deceased dog.

Mortality results

A total of 1 death was reported, representing 0.02% of all deaths reported in the Pedigree Breed Health survey. The median age for the Spanish Water Dog was 7 years. Table 1 shows the causes of death for the breed.

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

Cause of death
Seizure

Morbidity results

The 62 live Spanish Water Dogs represented 0.14% of total dogs in the survey. The median age of live dogs for the breed was 3 years (Table 2). Of the 62 Spanish Water Dogs which the survey covers, 46 had reported no conditions and 16 reported affected by at least one condition (min = 1 condition(s), max = 3 conditions), giving a total of 23 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Spanish Water Dogs are shown in Table 3. There were 54 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 2 years (min = 0 years, max= 12 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 Spanish Water Dog

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

Number of Dogs	Mean age (years)	Median age (years)	Min age (years)	Max age (years)
62	3.98	3	0	12

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	16	2	1	0	9
Female	Not neutered	No	13	NA	NA	NA	NA
Female	Unknown	No	2	NA	NA	NA	NA
Male	Neutered	Yes	12	2.25	0.5	0	12
Male	Neutered	No	1	NA	NA	NA	NA
Male	Not neutered	No	17	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	9	7.67	8	2	12
Normal	40	2.80	2	0	9
Somewhat overweight	4	3.25	2.5	2	6
Somewhat underweight	1	2.00	2	2	2

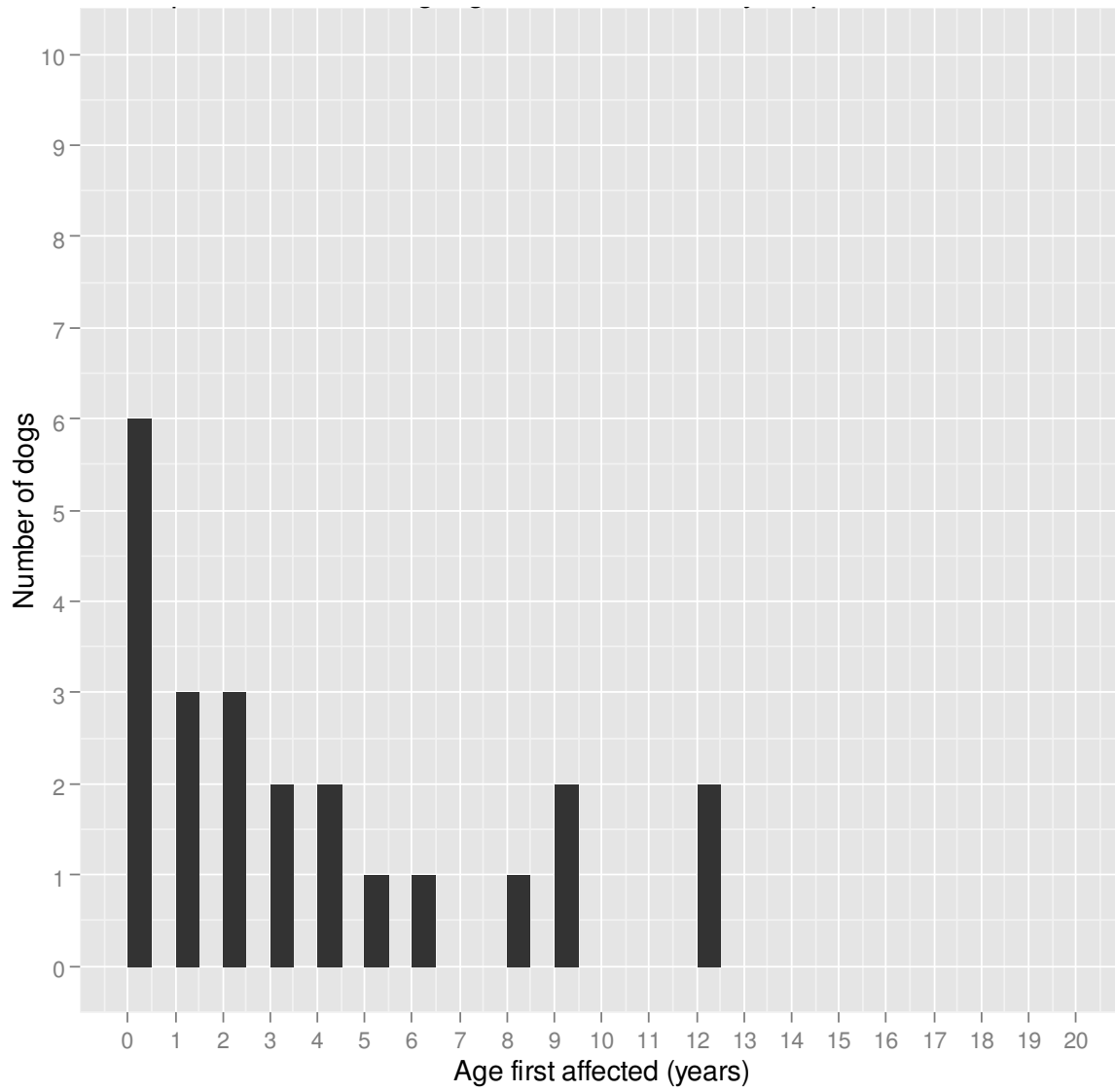


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

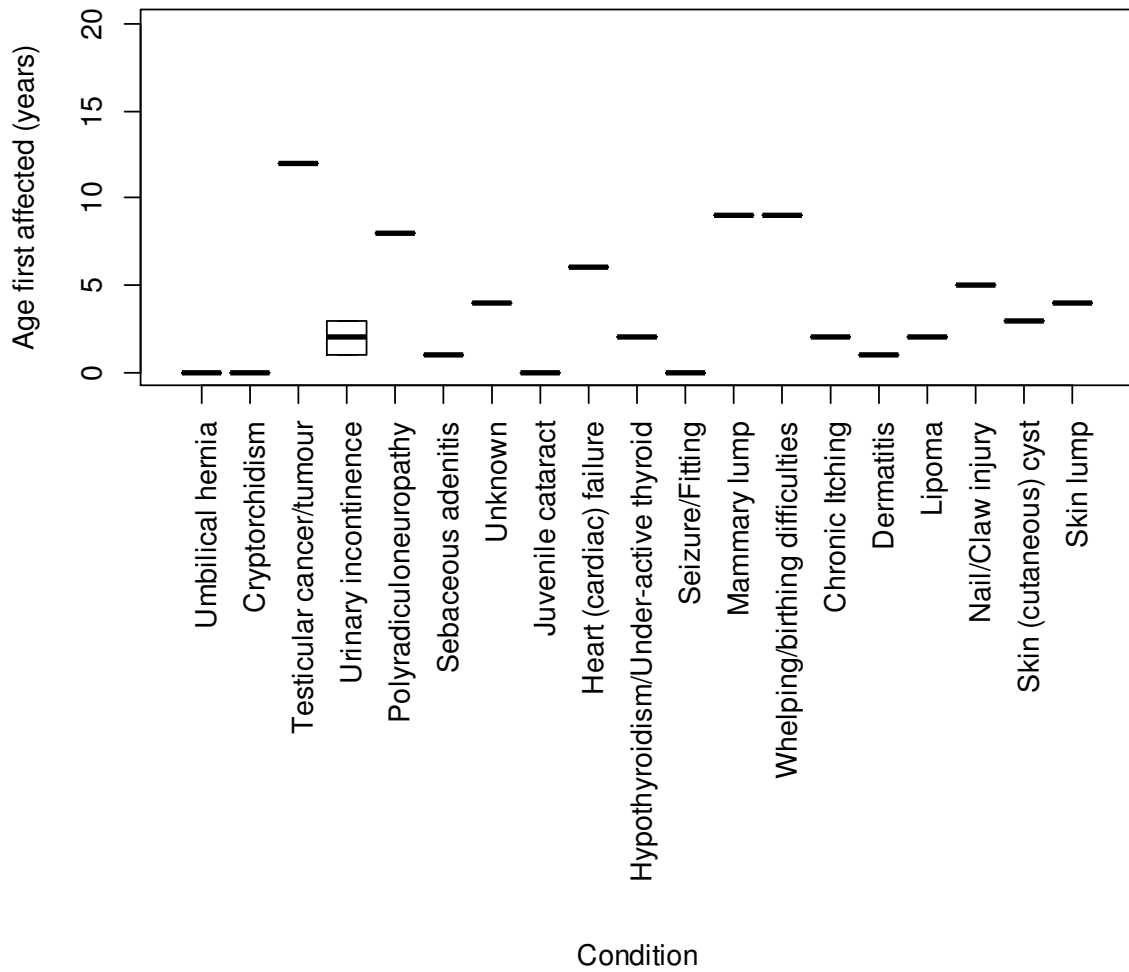


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 62 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Cryptorchidism	2	8.70	3.23
Testicular cancer/tumour	2	8.70	3.23
Umbilical hernia	2	8.70	3.23
Urinary incontinence	2	8.70	3.23
Chronic Itching	1	4.35	1.61
Dermatitis	1	4.35	1.61
Heart (cardiac) failure	1	4.35	1.61
Hypothyroidism/Under-active thyroid	1	4.35	1.61
Juvenile cataract	1	4.35	1.61
Lipoma	1	4.35	1.61
Mammary lump	1	4.35	1.61
Nail/Claw injury	1	4.35	1.61
Polyradiculoneuropathy	1	4.35	1.61
Sebaceous adenitis	1	4.35	1.61
Seizure/Fitting	1	4.35	1.61
Skin (cutaneous) cyst	1	4.35	1.61
Skin lump	1	4.35	1.61
Unknown	1	4.35	1.61
Whelping/birthing difficulties	1	4.35	1.61

Proportion of morbidity as %= N/23 disease conditions, prevalence %= N/62 live dogs

Summary

From the dogs surveyed most Spanish Water Dogs were not affected by a disease condition (74.19%). There were four disease conditions that represented an equal proportion of affected live dogs; these conditions were cryptorchidism, testicular cancer/tumour, umbilical hernia, and urinary incontinence. The only reported cause of death was seizures.