



THE KENNEL CLUB DOG HEALTH

Japanese Shiba Inu

Pedigree Breed Health Survey

Forms were received representing 52 living dogs & 6 deceased dogs.

Mortality results

A total of 6 deaths were reported, representing 0.11% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for the Japanese Shiba Inu was 5 years to 17 years. Table 1 shows the causes of death for the breed. Age at death is presented for the most common causes in Figure 2.

Table 1 The causes of death/reasons for euthanasia (N = 6 deceased dogs).

Cause of death	Number of cases	Proportion (%)
Old Age	2	33.33
Aggression	1	16.67
Lymphoma	1	16.67
Road Traffic Accident	1	16.67
Urolithiasis	1	16.67

Morbidity results

The 52 live Japanese Shiba Inus represented 0.12% of total dogs in the survey. The median age of live dogs for the breed was 4.5 years (Table 2). Of the 52 Japanese Shiba Inus which the survey covers, 43 had reported no conditions and 9 reported affected by at least one condition (min = 1 condition(s), max = 3 conditions), giving a total of 16 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Japanese Shiba Inus are shown in Table 3. There were 50 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 1 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 Japanese Shiba Inu.

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)
30	3.87	4.5	0	10

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	8	2.00	0	0	6
Female	Not neutered	No	6	NA	NA	NA	NA
Male	Neutered	Yes	6	0.17	0	0	1
Male	Not neutered	No	10	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 comment made (years)	Median age comment made (years)	Min age comment made (years)	Max age comment made (years)
Normal	46	2.87	2	0	12
Somewhat overweight	4	3.50	3.5	2	5

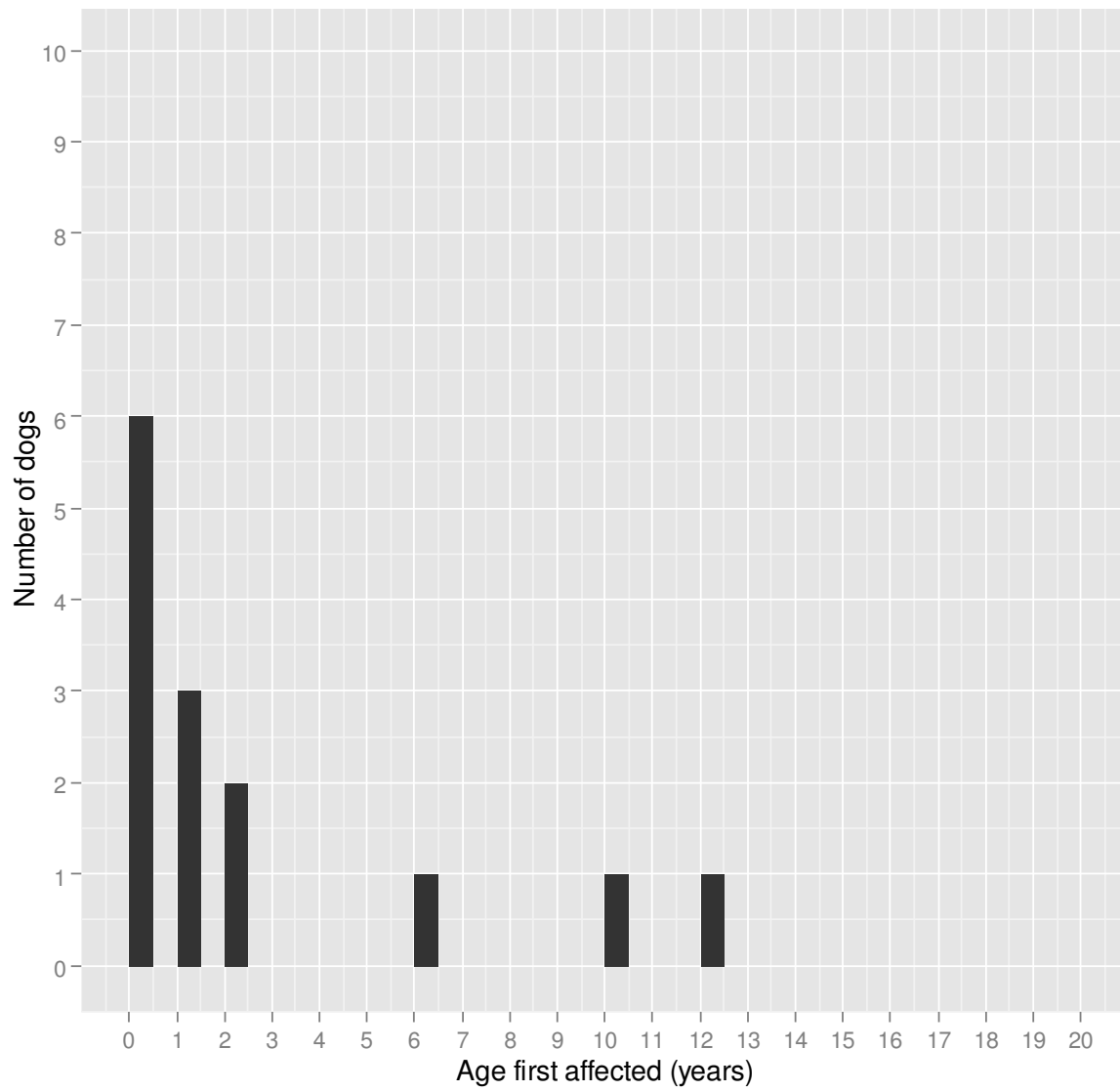


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

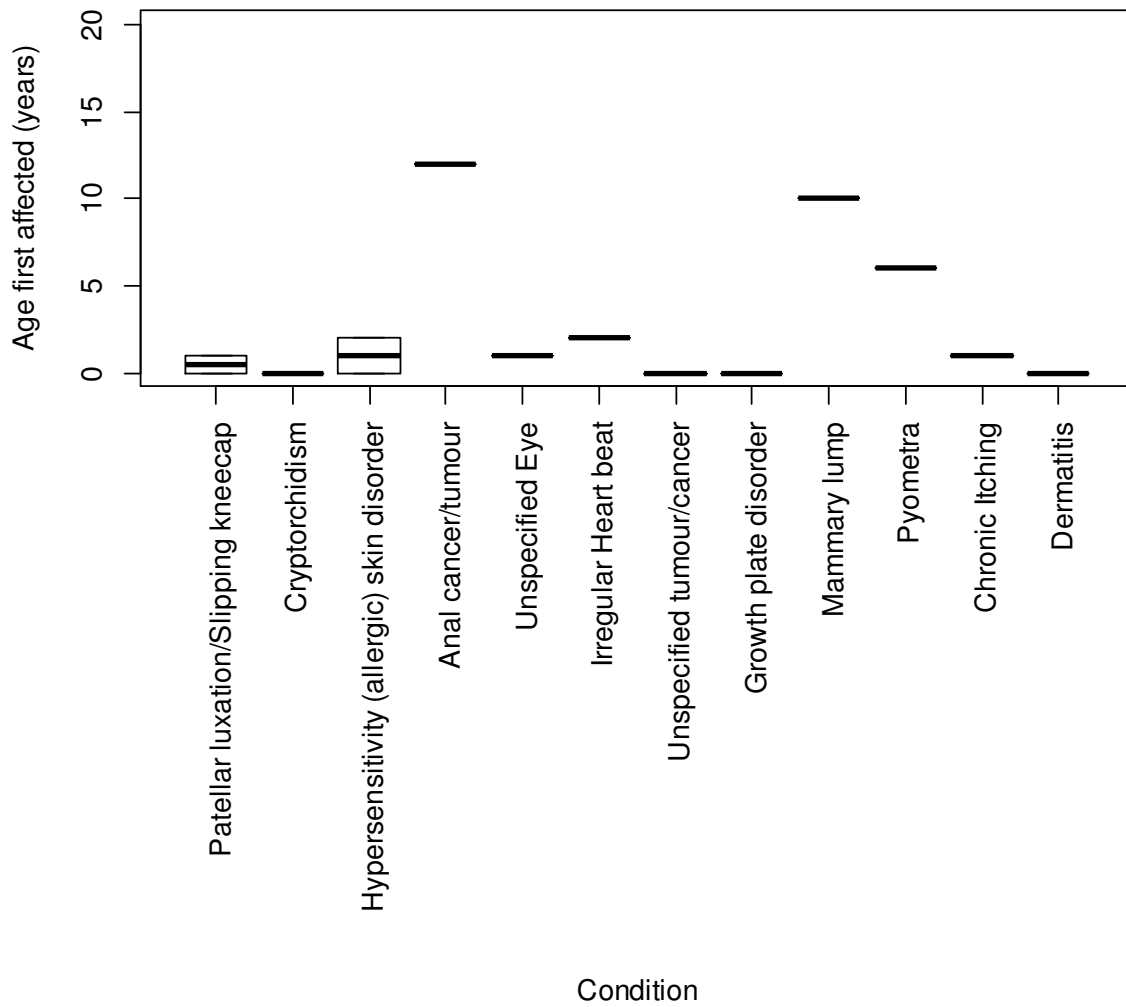


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 52 live dogs)

Condition	Number of cases of disease	Proportion (%)	Prevalence (%)
Cryptorchidism	2	12.50	3.85
Hypersensitivity (allergic) skin disorder	2	12.50	3.85
Patellar luxation/Slipping kneecap	2	12.50	3.85
Anal cancer/tumour	1	6.25	1.92
Anal gland/sac impaction/blockage	1	6.25	1.92
Chronic Itching	1	6.25	1.92
Dermatitis	1	6.25	1.92
Growth plate disorder	1	6.25	1.92
Irregular Heart beat	1	6.25	1.92
Mammary lump	1	6.25	1.92
Pyometra	1	6.25	1.92
Unspecified Eye	1	6.25	1.92
Unspecified tumour/cancer	1	6.25	1.92

Proportion of morbidity as %= N/16 disease conditions, prevalence %= N/52 live dogs

Summary

From the dogs surveyed, most Japanese Shiba Inus were not affected by a disease condition (82.69%). There were three most commonly reported disease condition that represented an equal proportion of live dogs; these were cryptorchidism, hypersensitivity (allergic) skin disorder & patellar luxation/slipping kneecap. The most commonly reported cause of death was old age.