



Boston Terrier

Pedigree Breed Health Survey

Forms were received representing 130 living dogs & 11 deceased dogs.

Mortality results

A total of 11 deaths were reported, representing 0.20% of all deaths reported in the Pedigree Breed Health survey. The range of longevity for the Boston Terrier was 1 year to 12 years. Table 1 shows the causes of death for the breed.

Table 1 The most common causes of death/reasons for euthanasia (N = 11 deceased dogs).

| Cause of death |
|--|
| Brachycephalic Obstructive Airway Syndrome |
| Cardiac heart Failure |
| Cushing's Disease |
| Ingested Foreign Object |
| Kidney Failure |
| Megaoesophagus |
| Meningitis |
| Respiratory disorder - unspecified |
| Seizure |
| Stroke |
| Urolithiasis |

Morbidity results

The 130 live Boston Terriers represented 0.30% of total dogs in the survey. The median age of live dogs for the breed was 2 years (Table 2). Of the 130 Boston Terrier which the survey covers, 95 had reported no conditions and 35 reported affected by at least one condition (min = 1 condition(s), max = 6 conditions), giving a total of 73 incidents of conditions.

The gender, neuter status and age of neutering summary statistics for Boston Terrier's are shown in Table 3. There were 118 dogs with responses for Body Condition displayed in Table 4.

The median age the dogs were first affected by a condition was 0 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 Boston Terrier.

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) |
|----------------|------------------|--------------------|-----------------|-----------------|
| 130 | 2.453846154 | 2 | 0 | 14 |

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 | 33 | 0.91 | 0 | 0 | 6 |
| Female | Not neutered | No | 28 | NA | NA | NA | NA |
| Male | Neutered | Yes | 30 | 0.87 | 0 | 0 | 10 |
| Male | Neutered | No | 1 | NA | NA | NA | NA |
| Male | Not neutered | No | 36 | NA | NA | NA | NA |
| Male | Unknown | No | 2 | 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 | 1 | 0.00 | 0 | 0 | 0 |
| Normal | 107 | 2.08 | 2 | 0 | 12 |
| Somewhat overweight | 5 | 3.80 | 4 | 2 | 6 |
| Somewhat underweight | 4 | 2.00 | 1.5 | 0 | 5 |
| Very underweight | 1 | 4.00 | 4 | 4 | 4 |

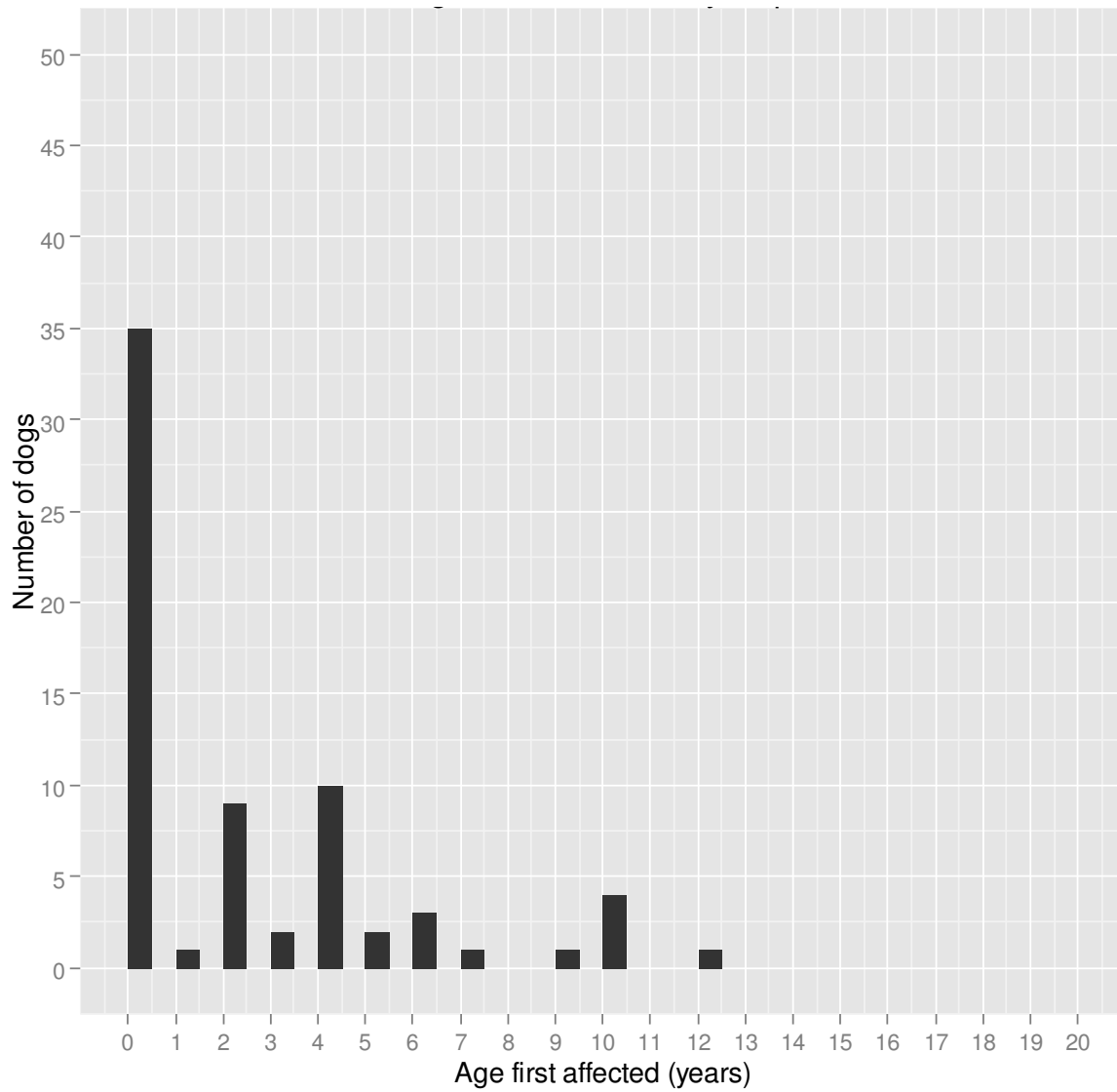


Figure 3: Histogram showing frequency of known age at diagnosis for the disease conditions reported

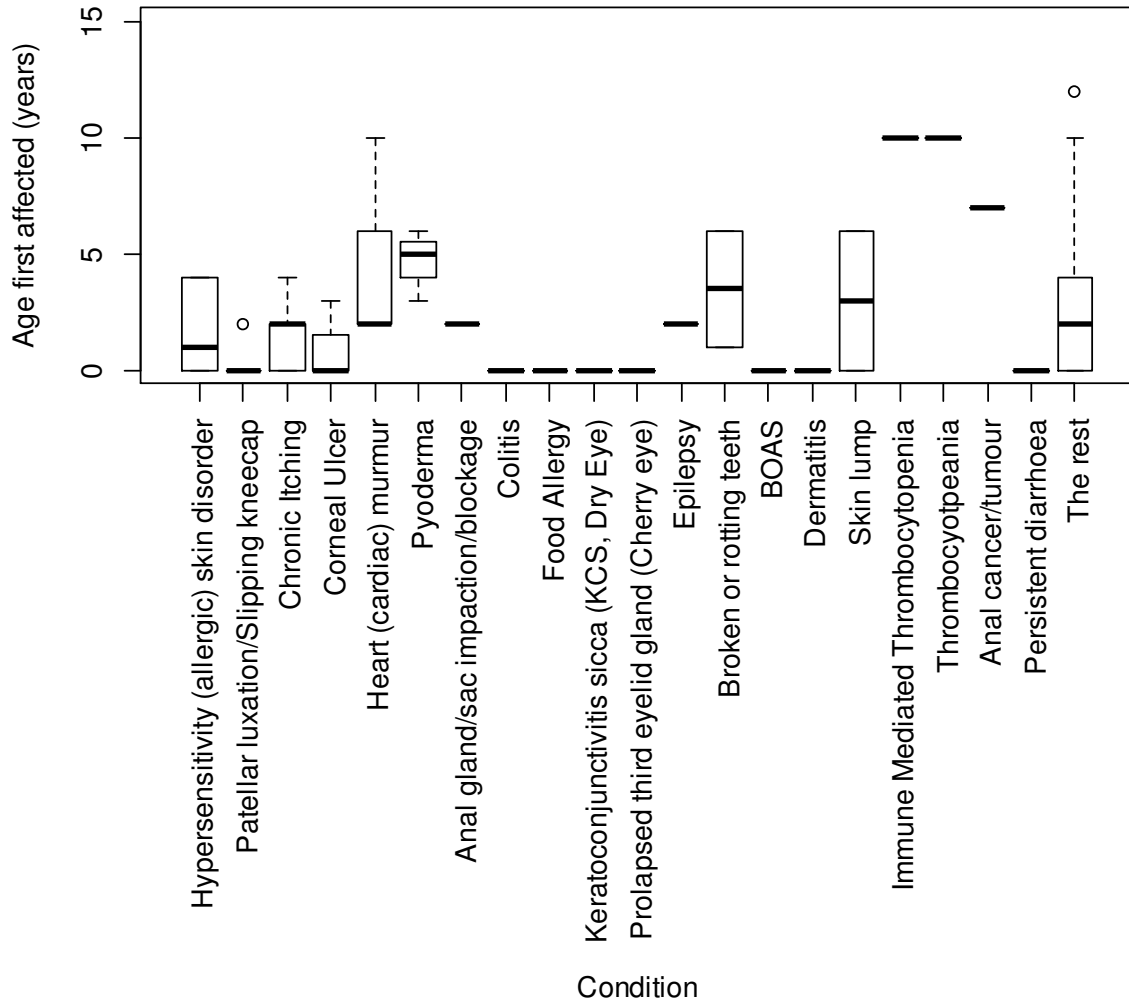


Figure 4: Box and whisker plot of age at diagnosis in years for the most common disease conditions in descending order. The solid line within each box represents the median age at diagnosis from the condition. The box represents 50% of the dogs and the whiskers represent 95% of the dogs for each condition.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

Table 5: The most commonly reported disease conditions in descending order for the breed (N = 130 live dogs)

| Condition | Number of cases of disease | Proportion (%) | Prevalence (%) |
|---|----------------------------|----------------|----------------|
| Hypersensitivity (allergic) skin disorder | 7 | 9.59 | 5.38 |
| Patellar luxation/Slipping kneecap | 6 | 8.22 | 4.62 |
| Chronic Itching | 5 | 6.85 | 3.85 |
| Corneal Ulcer | 3 | 4.11 | 2.31 |
| Heart (cardiac) murmur | 3 | 4.11 | 2.31 |
| Pyoderma | 3 | 4.11 | 2.31 |
| Anal gland/sac impaction/blockage | 2 | 2.74 | 1.54 |
| BOAS | 2 | 2.74 | 1.54 |
| Broken or rotting teeth | 2 | 2.74 | 1.54 |
| Colitis | 2 | 2.74 | 1.54 |
| Dermatitis | 2 | 2.74 | 1.54 |
| Epilepsy | 2 | 2.74 | 1.54 |
| Food Allergy | 2 | 2.74 | 1.54 |
| Keratoconjunctivitis sicca (KCS, Dry Eye) | 2 | 2.74 | 1.54 |
| Prolapsed third eyelid gland (Cherry eye) | 2 | 2.74 | 1.54 |
| Skin lump | 2 | 2.74 | 1.54 |
| Anal cancer/tumour | 1 | 1.37 | 0.77 |
| Bronchitis | 1 | 1.37 | 0.77 |
| Cardiomyopathy (DCM) | 1 | 1.37 | 0.77 |
| Chronic Coughing | 1 | 1.37 | 0.77 |

Proportion of morbidity as %= N/73 disease conditions, prevalence %= N/130 live dogs

Summary

From the dogs surveyed, most Boston Terriers were not affected by a disease condition (73.08%). The most commonly reported disease condition in live dogs was hypersensitivity (allergic) skin disorder. All reported causes of death affected an equal proportion of the reported deaths.