Table S1. Composition of the sampled canine population by Ligurian provinces (NUTS2 level) and characteristics of the municipality of residence.

	Owned dogs (n= 2228)	Shelter dogs (n= 6356)	Total (n; %)
Geografical areas			
Imperia	229	2651	2880 (33.6)
Savona	1551	895	2446 (28.5)
Genova	200	1784	1984 (23.1)
La Spezia	248	1026	1274 (14.8)
Characteristics of municipality of residence			
Urbanisation level			
Low	408	483	891 (10.4)
Moderate	1168	3738	4906 (57.1)
High	652	2135	2787 (32.5)
Altitude (in m a.s.l.)			
>250	1824	6011	7835 (91.3)
250 – 499	370	279	649 (7.5)
500 – 750	32	66	98 (1.2)
> 750	2	0	2 (0.02)
Geographical setting			
Inland	494	595	1089 (12.7)
Coastal	1734	5761	7495 (87.3)