Table 2. Results of the univariate binomial GLMMs to assess potential predictors of seropositivity in domestic dogs using neighborhood of residence as a random intercept, Santa Fe, Argentina (2022).

| **Characteristic** | **OR** | **95% CI**1 | ***p*-value** |
| --- | --- | --- | --- |
| *Sex* |  |  |  |
| Female | — | — |  |
| Male | 1.08 | 0.38, 3.13 | 0.9 |
| *Age (years)* | 0.93 | 0.72, 1.20 | 0.6 |
| *Age category* |  |  |  |
| Junior | — | — |  |
| Adult | 0.68 | 0.23, 2.05 | 0.5 |
| Senior | 0.40 | 0.04, 4.00 | 0.4 |
| *BCS* |  |  |  |
| Very thin/thin | — | — |  |
| Normal | 0.93 | 0.24, 3.54 | >0.9 |
| Overweight/obese | 1.56 | 0.31, 7.94 | 0.6 |
| *Role in the household* |  |  |  |
| Companion | — | — |  |
| Companion and hunting/guarding | 0.25 | 0.03, 2.11 | 0.2 |
| Hunting/guarding | 4.43 | 0.23, 86.0 | 0.3 |
| *Type of feeding* |  |  |  |
| Commercial pet food | — | — |  |
| Pet food and homemade/leftovers | 2.16 | 0.25, 18.9 | 0.5 |
| Homemade/leftovers | 6.65 | 0.56, 78.8 | 0.13 |
| *Street access* | 4.85 | 1.39, 16.9 | 0.013\*\* |
| *Unsupervised street access* | 3.21 | 1.07, 9.63 | 0.038\*\* |
| *Hunting behavior* | 0.96 | 0.27, 3.45 | >0.9 |
| *Hunting: rodents* | 1.19 | 0.22, 6.54 | 0.8 |
| *Hunting: wild animals* | 5.02 | 0.51, 49.7 | 0.2 |
| *Exposure to dumpyards* | 2.83 | 0.91, 8.81 | 0.072\* |
| *Exposure to environmental water/mud* | 0.78 | 0.26, 2.36 | 0.7 |
| *Contact with other dogs* | 0.70 | 0.06, 8.01 | 0.8 |
| *Contact with cats* | 0.88 | 0.31, 2.51 | 0.8 |
| *Contact with other animals* | 0.55 | 0.14, 2.16 | 0.4 |
| *Contact with own dogs/cats* | 0.97 | 0.18, 5.33 | >0.9 |
| *Contact with neighbor dogs/cats* | 1.43 | 0.50, 4.06 | 0.5 |
| *Contact with stray dogs/cats* | 2.79 | 0.73, 10.6 | 0.13 |
| *Number of owned dogs/cats* |  |  |  |
| 1-2 dogs/cats | — | — |  |
| 2-3 dogs/cats | 1.28 | 0.25, 6.43 | 0.8 |
| 3-6 dogs/cats | 1.33 | 0.38, 4.70 | 0.7 |
| 6+ dogs/cats | 1.03 | 0.21, 4.95 | >0.9 |
| *Rodent sightings* | 1.26 | 0.44, 3.60 | 0.7 |
| *Frequency of rodent sightings* |  |  |  |
| Never | — | — |  |
| Occasionally | 0.85 | 0.25, 2.87 | 0.8 |
| Always | 4.53 | 0.90, 22.8 | 0.067\* |
| *Presence of a yard* | 1.90 | 0.37, 9.83 | 0.4 |
| *Type of housing* |  |  |  |
| Inside | — | — |  |
| Inside and outside | 0.80 | 0.24, 2.70 | 0.7 |
| Outside | 0.55 | 0.13, 2.32 | 0.4 |
| *Frequency of cleaning the kennel/bed* |  |  |  |
| Daily | — | — |  |
| Every other day | 0.67 | 0.12, 3.65 | 0.6 |
| Weekly | 2.65 | 0.69, 10.1 | 0.2 |
| Occasionally | 0.55 | 0.06, 4.94 | 0.6 |
| 1CI = Confidence Interval; \*\* *p* ≤ 0.05; \* *p* ≤ 0.10 | | | |