

Table S1: Dog Personality Questionnaire (DPQ)

Disagree strongly	Disagree moderately	Disagree slightly	Neither agree nor disagree	Agree slightly	Agree moderately	Agree strongly	
1	2	3	4	5	6	7	
1. _____	Dog is relaxed when greeting people.					19. _____	Dog is confident.
2. _____	Dog behaves aggressively if disturbed or moved when resting.					20. _____	Dog is dominant over other dogs.
3. _____	Dog is aloof or indifferent towards other dogs.					21. _____	Dog avoids other dogs.
4. _____	Dog is destructive.					22. _____	Dog catches and kills other animals (e.g., squirrels, rabbits).
5. _____	Dog behaves aggressively toward dogs.					23. _____	Dog behaves aggressively when a person (e.g., visitor, delivery person) approaches the house or yard.
6. _____	Dog is anxious					24. _____	Dog is easily startled by unexpected contact with objects (e.g., tripping, brushing against a door frame).
7. _____	Dog loves to be praised.					25. _____	Dog works at tasks (e.g., getting treats out of a Kong, shredding toys) until entirely finished.
8. _____	Dog responds aggressively when threatened by another dog (e.g., growled or lunged at, cornered).					26. _____	Dog is very excitable around cats.
9. _____	Dog is bold.					27. _____	Dog is boisterous.
10. _____	Dog is lethargic					28. _____	Dog behaves fearfully during visits to the veterinarian.
11. _____	When off leash, dog comes immediately when called.					29. _____	When walking on leash, dog tends to pull ahead.
12. _____	Dog is shy.					30. _____	Dog behaves fearfully when near crowds of people.
13. _____	Dog behaves aggressively towards unfamiliar people.					31. _____	Dog enjoys playing with toys.
14. _____	Dog will work to obtain an object or reward (e.g., ball, treat) that is hidden.					32. _____	Dog is easily upset when corrected, scolded, or punished.
15. _____	Dog likes to chase squirrels, birds, or other small animals.					33. _____	Dog is friendly towards unfamiliar people.
16. _____	Dog gets bored in play quickly.					34. _____	Dog is playful with other dogs.
17. _____	Dog behaves aggressively when restrained or handled (e.g., groomed).					35. _____	Dog seeks companionship from people.
18. _____	Dog is quick to sneak out through open doors, gates.					36. _____	Dog behaves submissively (e.g., rolls over, avoids eye contact, licks lips) when greeting other dogs.

- | Disagree
strongly | Disagree
moderately | Disagree
slightly | Neither agree
nor disagree | Agree
slightly | Agree
moderately | Agree
strongly |
|----------------------|--|----------------------|-------------------------------|-------------------|---|-------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 37. _____ | Dog is attentive to owner's actions and words. | | | 57. _____ | Dog has a tendency to attack (or attempt to attack) other dogs. | |
| 38. _____ | Dog adapts easily to new situations and environments. | | | 58. _____ | Dog is quick to recover after being startled or frightened. | |
| 39. _____ | Dog likes to chase bicycles, joggers, and skateboarders. | | | 59. _____ | Dog retrieves objects (e.g., balls, toys, sticks). | |
| 40. _____ | Dog is curious. | | | 60. _____ | Dog is friendly towards other dogs. | |
| 41. _____ | Dog guards food or treats from other dogs. | | | 61. _____ | Dog exhibits fearful behaviors when restrained. | |
| 42. _____ | Dog is sensitive (and reactive) to pain. | | | 62. _____ | Dog aggressively guards coveted items (e.g., stolen item, treats, food bowl). | |
| 43. _____ | Dog behaves aggressively in response to perceived threats from people (e.g., being cornered, having collar reached for). | | | 63. _____ | Dog is affectionate. | |
| 44. _____ | Dog is aloof. | | | 64. _____ | Dog ignores commands. | |
| 45. _____ | Dog is slow to learn new tricks or tasks. | | | 65. _____ | Dog behaves aggressively towards cats. | |
| 46. _____ | Dog is interested in playing tug-o-war with people or dogs. | | | 66. _____ | Dog behaves fearfully when threatened by other dogs (e.g., growled or lunged at, cornered). | |
| 47. _____ | Dog behaves fearfully towards unfamiliar people. | | | 67. _____ | Dog follows people around. | |
| 48. _____ | Dog is very alert. | | | 68. _____ | Dog shows aggression when nervous or fearful. | |
| 49. _____ | Dog willingly shares toys with other dogs. | | | 69. _____ | Dog tends to be calm. | |
| 50. _____ | Dog is slow to respond to corrections. | | | 70. _____ | Dog behaves fearfully towards other dogs. | |
| 51. _____ | Dog behaves aggressively during visits to the veterinarian. | | | 71. _____ | Dog is able to focus on a task in a distracting situation (e.g., loud or busy places, around other dogs). | |
| 52. _____ | Dog jumps up on (e.g., in play) and/or mounts other dogs (outside appropriate mating). | | | 72. _____ | Dog is very excitable around other dogs. | |
| 53. _____ | Dog seeks constant activity. | | | 73. _____ | Dog behaves aggressively towards children. | |
| 54. _____ | Dog behaves fearfully towards children. | | | 74. _____ | Dog behaves fearfully when groomed (e.g., nails trimmed, brushed, bathed, ears cleaned). | |
| 55. _____ | Dog is very excitable when visitors arrive. | | | 75. _____ | Dog is assertive or pushy with other dogs (e.g., if in a home with other dogs, when greeting). | |
| 56. _____ | Dog leaves food or objects alone when told to do so. | | | | | |

