

Table S1: Dog Personality Questionnaire (DPQ)

Disagree strongly 1	Disagree moderately 2	Disagree slightly 3	Neither agree nor disagree 4	Agree slightly 5	Agree moderately 6	Agree strongly 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 1	Disagree moderately 2	Disagree slightly 3	Neither agree nor disagree 4	Agree slightly 5	Agree moderately 6	Agree strongly 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.						

