Canine Social and Learned Behavior

Dog Aging Project

The goal of this survey is to assess age-related cognitive and behavioral changes in dogs. The first time you fill it out establishes a baseline score for [st_dog_name]. You will have the opportunity to complete the survey again every year. This repeated design allows us to learn how the dogs in the study change over time.

None of the behaviors described in the survey are bad or wrong. These behaviors are exhibited at various times by many kinds of dogs, and they give our researchers a glimpse into underlying cognitive processes. This specific assessment tool was developed and validated by Dr. Hannah Salvin (full reference below).

Answers to all questions are required. Please try to answer to the best of your ability based on your dog at their current age.

Salvin HE et al (2011). CCDR: A data-driven and ecologically relevant assessment tool. *The Veterinary Journal* 188: 331-336.

Using the descriptions provided, please select the option that best matches your dog.

	Never (1)	Once a month (2)	Once a week (3)	Once a day (4)	More than once a day (5)
How often does your dog pace up and down, walk in circles and/or wander with no direction or purpose? **[cslb_pace]**	○	○	○	○	○
How often does your dog stare blankly at the walls or floor? **[cslb_stare]**	○	○	○	○	○
How often does your dog get stuck behind objects and is unable to get around? **[cslb_stuck]**	○	○	○	○	○
How often does your dog fail to recognize familiar people or other pets? **[cslb_recognize]**	○	○	○	○	○
How often does your dog walk into walls or doors? **[cslb_walk_walls]**	○	○	○	○	○
How often does your dog walk away while, or avoid, being petted? **[cslb_avoid]**	○	○	○	○	○

Using the descriptions provided, please select the option that best matches your dog.

	Never (1)	1-30% of the time (2)	31-60% of the time (3)	61-99% of the time (4)	Always (5)
How often does your dog have difficulty finding food dropped on the floor? **[cslb_find_food]**	○	○	○	○	○

Using the descriptions listed above each box, place a checkmark in the box that best matches your dog. If your dog has never exhibited the behavior, check "The same."

	Much less (1)	Slightly less (2)	The same (3)	Slightly more (4)	Much more (5)
Compared with 6 months ago, how much does your dog now pace up and down, walk in circles and/or wander with no direction or purpose? [cslb_pace_6mo]	○	○	○	○	○
Compared with 6 months ago, how much does your dog now stare blankly at the walls or floor? [cslb_stare_6mo]	○	○	○	○	○
Compared with 6 months ago, how much does your dog urinate or defecate in an area it has previously kept clean? [cslb_defecate_6mo]	○	○	○	○	○
Compared with 6 months ago, how much does your dog have difficulty finding food dropped on the floor? [cslb_food_6mo]	○	○	○	○	○
Compared with 6 months ago, how much does your dog fail to recognize familiar people or other pets? [cslb_recognize_6mo]	○	○	○	○	○

Using the descriptions listed above each box, place a checkmark in the box that best matches your dog. If your dog has never exhibited the behavior, check "The same."

	Much more (1)	Slightly more (2)	The same (3)	Slightly less (4)	Much less (5)
Compared with 6 months ago, how much time does your dog spend active? [cslb_active_6mo]	○	○	○	○	○

Optional: In the last 6 months, have you observed any other changes in your dog's thinking or information processing that you want to share with us? [cslb_other_changes]

_____

_____

_____

Woof! Thank you for completing the Canine Social and Learned Behavior Survey!

Calculating CSLB Score

- The value next to each item indicates how many points are given for a response. For example, a response of "once a month (2)" to the first item is scored as 2 points.

- Multiply the response for "Compared with 6 months ago, how much does your dog have difficulty finding food dropped on the floor?" by 2 (maximum 10 points)

- Multiply the response for "Compared with 6 months ago, how much does your dog fail to recognize familiar people or other pets?" by 3 (maximum 15 points)

- Add all points together (including items that were multiplied) to determine the CSLB score.

CSLB Score: **[cslb_score]**

Threshold >= 50 is diagnostic of canine cognitive dysfunction

Derived variable [cslb_score] = [cslb_pace] + [cslb_stare] + [cslb_stuck] + [cslb_recognize] + [cslb_walk_walls] + [cslb_avoid] + [cslb_find_food] + [cslb_pace_6mo] + [cslb_stare_6mo] + [cslb_defecate_6mo] + (2 * [cslb_food_6mo]) + (3 * [cslb_recognize_6mo]) + [cslb_active_6mo]