

Label	Question or measure	Scoring key
Study ID	Unique ID assigned to each individual study participant	
5-Fold Grouping	Randomly assigned group for 5-fold cross validation	
Weight Cat	Categorical assignments based on weight groups	Small = dogs weighing < 14.8 kg Med = dogs weighing 14.9 - 24.9kg Large = dogs weighing > 24.9kg
Service	Which hospital service the dog was seeing at the time of enrollment	PC = Primary Care IM = Internal Medicine Onc = Medical or Radiation Oncology Cardio = Cardiology Neuro = Neurology Behave = Behavior Rehab = Physiotherapy and Rehabilitation
Sex		MI = Intact Male FI = Intact Female MN = Neutered Male FS = Spayed Female
Time to Event	Number of days between Time 0 (date of visit) to Time 1 (6 months or date of death, whichever came first)	
Fraction of Lifespan	Fraction of Lifespan = Lifespan / Age	Lifespan = $13.62 + (0.0702 \times ht) - (0.01538 \times wt.)$ Based on calculation defined in Greer et al., 2007 Height (in) and weight (lb)
BCS	Body condition score	Scale 1 - 9 (1 = underconditioned, 9 = overconditioned)
Body Condition Categorical		1 = BCS of 1-3 (Underconditioned) 2 = BCS of 6-9 (Overconditioned) 3 = BCS of 4-5 (Ideal condition)
Appetite Q	My dog now:	2 = Eats normally - i.e. eats the same type of food, and finishes in the same amount of time compared to 6 months ago 3 = Will still eat regular food but takes longer to finish 4 = Does not want to eat regular food but will still eat treats or people food 5 = Acts interested in food but walks away from the bowl without eating 6 = Cannot be enticed to eat no matter what is offered 7 = Has had an increased appetite compared to 6 months ago
Activity Q	My dog now:	1 = Plays and interacts with the family as much as 6 months ago 2 = Will get up to greet me, but is more reluctant to play than 6 months ago 3 = Shows interest when I get home, but will not get up 4 = Does not show any interest in their favorite toy, and will not get up to greet me 5 = Shows no interest in me getting home, and is not interested in any stimuli - i.e. treats or strangers coming into the home
Exhaustion Q	How often does your dog rest (stop/ sit down) during exercise?	0 = Never 1 = Hardly ever 2 = Occasionally 3 = Frequently 4 = Very frequently
MCS Epaxial MCS Forelimb MCS Hindlimb	Muscle condition score	0 = No atrophy 1 = Mild atrophy 2 = Moderate atrophy 3 = Severe atrophy
Mobility Sum	Sum of Scores of Q1-Q3 (Range 0 - 7)  Q1. On average, how often does your dog experience weakness/ lameness in their limbs while walking?  Q2. On average, how frequently does your dog experience stiffness in their limbs while walking?  Q3. Does your dog ever make mistakes (scuffing paw, swinging leg outward, crossing limbs, lack of coordination between front and hind limbs, skipping steps) while walking?	Q1: 0 = Not at all 1 = Less than 10% of the time 2 = 10-50% of the time 3 = More than 50% of the time  Q2: 0 = Not at all 1 = Less than 10% of the time 2 = 10-50% of the time 3 = More than 50% of the time  Q3: 0 = No 1 = Yes
Playfulness Q	Over the past week, how many days has your dog been playful?	Range 0 days to 7 days 0 = no days 7 = everyday
Nutrition	Present if BCS < 4 OR > 5; OR Appetite Q > 2 or < 2	0 = Non-Impaired 1 = Impaired
Social Activity	Present if Playfulness Q < 3	0 = Non-Impaired 1 = Impaired
Exhaustion	Present if Exhaustion Q > 2	0 = Non-Impaired 1 = Impaired

Sarcopenia/ Cachexia	Present if MCS Sum (Epaxial + Forelimb + Hindlimb) > 2	0 = Non-Impaired 1 = Impaired
Mobility	Present if Mobility Sum > 6	0 = Non-Impaired 1 = Impaired
Total Impaired Domains	Sum of the 5 domains	0 = 0 domains impaired 1 = 1 domain impaired 2 = 2 domains impaired 3 = 3 domains impaired 4 = 4 domains impaired 5 = 5 domains impaired
Overall Frailty	Frail if Total Impaired Domains > 2	N = Not frail Y = Frail