Survey before data minimisation (translated)

Obesity Self-study

The aim of the Obesity Self-study is to gain experience in answering a question by collecting and analysing data yourself. The question is about the prevention of obesity in cats and dogs and the risk factors that play a role in this.

For data collection, a questionnaire (see below) must be completed for both a cat and a dog. The answers must be digitally processed, after which a data file can be downloaded that is unique per pet and owner. The analysis must be carried out with this personal data file, after which the results will be assessed.

The learning objective of this tutorial is twofold:
1. Practice with statistics on an actual, self-collected, dataset
2. Gain some knowledge about overweight/obesity in dogs and cats

Read the following carefully to correctly carry out the study

1. Complete the digital questionnaire for the cat and for the dog. To determine the condition score of the cat or the dog, go to the Hills websites.
    a. For the cat: http://www.hillspet.nl/nl-nl/weight-management/cat.html#weight-management-products => scroll down/click: Is your cat a healthy weight? => Calculate the ideal weight. If the breed is not listed, choose Domestic Shorthair.
    b. For the dog: http://www.hillspet.nl/nl-nl/weight-management/dog.html#weight-management-products => scroll down/click on: Is your dog a healthy weight? => Calculate the ideal weight.
2. Download the personal Obesity data file from the server as soon as possible after it becomes available. The file name contains the student number. You are not allowed to change data and you must use this data file (i.e., NOT the file or results of a fellow student).
3. After you have completed all assignments of the tutorial and collected all answers, you must enter the answers in the digital answer form (see email with digital link). You must also enter your student card number. You can only enter the form once!

Following is the questionnaire for the cat, for the dog and for the self-study assignment

A. Questionnaire for the Cat

This is a questionnaire about a cat "from your environment" whose data we want to use for the application of statistics.

1. Student card number
…

2. Name of the cat
…

3. Specify the breed of the cat.
- House cat / European Shorthair
- Maine Coon
- British Shorthair
- Persian
- Siamese
- Cross/Other Breed/Unknown

4. Age of the cat in years and months (e.g., 0 years and 11 months)
…

5. Sex of the cat.
- Female
- Spayed female
- Male
- Neutered male
- Unknown

6. Weight of the cat in kg (1 decimal)
…

7. According to the Hillspet.nl website (see text above), the cat has:
- Overweight/obesity
- Ideal weight
- Underweight
- Don't know/cannot determine

8. Is the cat overweight according to Purina's schedule? Select a value from very skinny (1) to very fat (9)
> Very skinny 1 2 3 4 5 6 7 8 9 Very fat

9. How was the cat obtained?
- Shelter
- Breeder of pedigree cats

- Received (from acquaintances)
- Home bred
- Arrived walking/found
- Other: ….

10. Number of other cats in the household
- No other cats
- 1 other cat
- 2 or more other cats
- Unknown

11. Can the cat go outside?
- No, only indoors
- Balcony
- Private garden or courtyard
- Outside the garden too
- Cat never comes indoors

12. Owner/caregiver:
- age in years: …
- height in cm: …
- weight in kg: …
- gender: Man/Woman

13. Give the household composition
- One person
- Two people
- More than 2 people

14. Suppose your cat is currently seriously ill and needs treatment to recover. How many euros are you (as the person responsible) willing to pay (EXCLUDING the insured costs)?
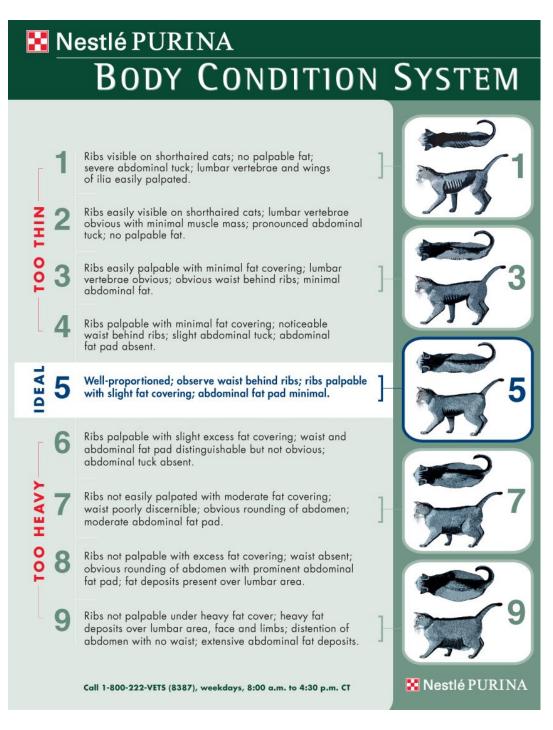- Less than 100 euros
- 100-250 euros
- 250-500 euros
- 500-750 euros
- 750-1000 euros
- More than 1000 euros
- I will not / can not say.

15. Have you completed this questionnaire truthfully?
- Yes
- No

16. Informed consent: As the owner of the cat, I am aware that this data will be used anonymously for education and research and I give permission for this:

Date: …
Name: …
Initials: …

Nestlé PURINA
BODY CONDITION SYSTEM

TOO THIN

1 Ribs visible on shorthaired cats; no palpable fat; severe abdominal tuck; lumbar vertebrae and wings of ilia easily palpated.

2 Ribs easily visible on shorthaired cats; lumbar vertebrae obvious with minimal muscle mass; pronounced abdominal tuck; no palpable fat.

3 Ribs easily palpable with minimal fat covering; lumbar vertebrae obvious; obvious waist behind ribs; minimal abdominal fat.

4 Ribs palpable with minimal fat covering; noticeable waist behind ribs; slight abdominal tuck; abdominal fat pad absent.

IDEAL

5 Well-proportioned; observe waist behind ribs; ribs palpable with slight fat covering; abdominal fat pad minimal.

TOO HEAVY

6 Ribs palpable with slight excess fat covering; waist and abdominal fat pad distinguishable but not obvious; abdominal tuck absent.

7 Ribs not easily palpated with moderate fat covering; waist poorly discernible; obvious rounding of abdomen; moderate abdominal fat pad.

8 Ribs not palpable with excess fat covering; waist absent; obvious rounding of abdomen with prominent abdominal fat pad; fat deposits present over lumbar area.

9 Ribs not palpable under heavy fat cover; heavy fat deposits over lumbar area, face and limbs; distention of abdomen with no waist; extensive abdominal fat deposits.

Call 1-800-222-VETS (8387), weekdays, 8:00 a.m. to 4:30 p.m. CT

Nestlé PURINA

B. Questionnaire for the Dog

This is a questionnaire about a dog "from your environment" whose data we want to use for the application of statistics.

1. Student card number
...

2. Dog's Name
...

3. Provide size and breed of the dog. Use the Hills website (see text above)

Give the size of the breed
- Extremely large
- Large
- Medium
- Small
- Mini

Give the name of the breed
...

4. Enter the actual weight of the dog in kg (1 decimal)
...

5. Give the optimal weight of the breed according to the Hillspet.nl website (see accompanying text above):
...

6. According to the Hillspet.nl website (see text above), the dog has:
- Overweight/obesity
- Ideal weight
- Underweight
- Don't know/cannot determine

7. Is the dog overweight according to the Purina scheme? Select a value from very skinny (1) to very fat (9)
   Very skinny 1 2 3 4 5 6 7 8 9 very fat

8. Age of the dog in years and months (e.g., 0 yrs and 11 months)
...

9. Sex of the dog.
- Bitch

- Sterilized Bitch
- Male
- Neutered Male
- Unknown

10. How was the dog obtained?
- Asylum
- Breeder of purebred dogs
- Breeder of "non" purebred dogs
- Self-bred
- Other

11. Number of other dogs in the household
- No other dogs
- 1 other dog
- 2 or more other dogs
- Unknown

12. Average number of minutes per day that the dog is walked? *Walking around the house/yard = 1440*

…

13. Owner/caregiver:
- age in years: …
- height in cm: …
- weight in kg: …
- gender: Man/Woman

14. Give the household composition
- One person
- Two people
- More than 2 people

15. Suppose your dog is currently seriously ill and needs treatment to recover. How many euros are you (as the person responsible) willing to pay (EXCLUDING the insured costs)?
- Less than 100 euros
- 100-250 euros
- 250-500 euros
- 500-750 euros
- 750-1000 euros
- More than 1000 euros
- I will not / can not say.

16. Have you completed this questionnaire truthfully?

- Yes
- No

17. Informed consent: As the owner of the dog, I am aware that this data will be used anonymously for education and research and I give permission for this:

Date: …
Name: …
Initials: …