The Effect of Owner Weight Status on the Relationship between Owner and Dog

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Introduction

As in humans, obesity is a common and dominant nutritional disease in the veterinary field (Markwell 1994, Buffington 1994). Previous work by Kienzle (1998) demonstrated that owners of obese dogs were more likely to anthromorphise their animals by allowing them to sleep in their bed and talking to them more often. That study also revealed that owners of overweight dogs were often overweight themselves but this variable was not entered into the analysis. In humans, data show that if both parents are obese children have an 80% chance of developing obesity (Epstein 1996). These data however are confused by genetic susceptibility. The aim of this study therefore was to determine the effect of owner overweight on the human-animal relationship in lean and overweight dogs.

Research Methodology

122 dogs and owners were recruited. Owners and dogs were categorised into 4 groups (Table I: A = overweight owner with overweight dog, B = lean owner with overweight dog, C = overweight owner with lean dog, D = Lean owner with lean dog). Overweight owner BMI and canine BCS. Overweight was according to owner BMI and canine BCS. Owner BMI of ≥ 27 kg/m² and lean as a BMI of ≤ 25 kg/m². defined as a BMI of ≤ 25 kg/m². In dogs, overweight was defined as a body condition score (BCS) of ≥ 7 and lean as a BCS of ≤ 5 using a well validated scale (Laflamme 1997). Each owner completed 2 questionnaires scale (Laflamme 1997). Each owner completed 2 questionnaires (Table II) assessing psychological aspects of the owner-dog relationship (Bergler 1988) and approaches to health and nutrition (Kienzle 1998).

0	n	89	>	Group	1000	Tahl
Lean owners with lean dogs	Obese owners with lean dogs	Lean Owners with obese dogs	Obese owners with obese dogs	Description		Table I: Treatment groups in struy
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Т		,
	V Demographics	i.
	Veternary consumation, regiment consumerors	
	• Importance of vaccinations / dewormsty	
	· Visits to the vet	
	N Preventative health care for the dog	
	Information and knowledge on sog russimon	
	THE OWNER OF THE OWNER.	
	Shopping for food	
	• Type of feed	
	• Place of feeding	
	Number and time of meats and shacks	
	all Feeding the dog	
	ncy and subjects of conversations will the	
	Treets (wer, prey, root)	
	Time to Keeping me out company come	
	THE CO. IN CO. I	
	the standard for and present the	
	8 Time spent together with the dog	
	Difficulties in case of filness or death	
	Herm to other people	
	Trouble with neighbours	
	Problems with noise	
	Problems with disease	
	• Experises	
	Soling of rooms or bed	
	Problems with going on noiday	
	Being tied down by the dog	
	Expected drawbacks of dog ownership	
	Being protected	
	. Having the dog in berd	
	Having more outdoor exercise	
	Neering other people through the dog	
	Enjoying watching the dog	
	Talking to the dog	
	Having a carine friend	
	Expected adventages of dog ownership	
	Description of dog ownership (Bergler 1988)	
	Table II: Key Points of the Questionnaire	

Results

As with the previous study, our data showed that owners of over weight dogs (groups A & B) were more likely to humanise their dog by rating talking to their dog (p-0.01 Eta² =0.212) and having the dog in bed with them (p<0.01 Eta =0.268) as more advantageous. The effect was stringer when the owners of the cur remore, the effect was stringer when the owners of the overweight dog were overweight themselves (group A). Obese dogs over weight dog were overweight themselves (group A). Obese dogs having greater access to their owners core territory may indicate their adogs ability to manipulate their owners and enjoy relatively high stat is.

Lea I owners with lean dogs (group D) were less likely to offer food rewards (p<0.01 Eta² = 0.328) and more likely to feed their dog only once per day (p<0.01 Eta² = 0.100) than overweight owners with overweight dogs (group A). Owners of overweight dogs (groups A & B) 1:If more strongly that they communicated with their dog through feeding (p<0.05 Eta² = 0.728) by expressed less of an interest in nutrition (p<0.01 Eta² = 0.180) and were more likely to choose a food type based on price (p<0.03 Eta² = 0.138) and availability (p<0.04 Eta = 0.160).

Discussion

Further work is needed to determine the influence of relations in dynamics between dogs and owners, in this study owners of overweight dogs were more likely to see their dog sleeping with them in bed as advantageous suggesting the dog's status and its ability to manipulate its owner into feeding it more often may be: contributing factor to dog obesity levels. were more likely to humanise their dog, by rating talking to their dog and having the dog in bed with them as more advantageous. Dogs that sleep in or on the owner's bed are associated with a pleater risk of biting someone in the household (Guy et.al 2001). This may be due to overweight owners having a greater tender by to have overweight pets. If this study 69% of dogs recruited matched their owners weight status suggesting that the interactivits between obese parents and children (Epstein 1996) that lead to increased risk of obesity may also be reflected in the owner relationship. Our data showed that owners of overweight dogs anthropomorphise their pets and show affection through feeding. For a number of questions the weight status of the owner exaggerated the effect with the greatest differences between overweight owners of overweight obgs and lean owners of lean dogs. The results of this study are in agreement with that of Klehzle 🤄 al (1998) in that owners of overweight dogs have a tendency to

References

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