



# Effect of feline temperament on systolic blood pressure in mature cats

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## Objective

To determine the association between cats' temperament and their systolic blood pressure (SBP)



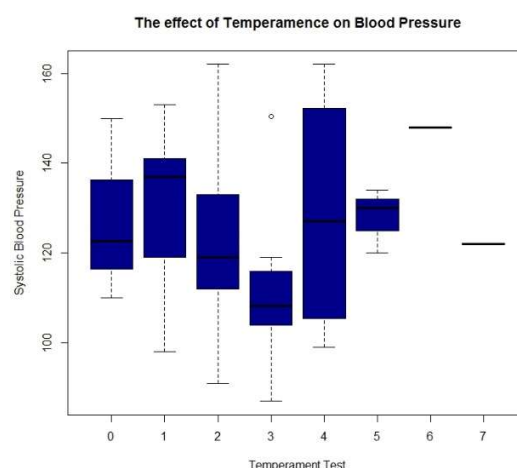
## Method

- Client-owned cats screened at *Feline Healthy Ageing Clinic*, University of Liverpool
- Median age 8y (7y to 10y)
- Temperament test performed shortly after arrival at the clinic<sup>1</sup>
- SBP measured by Doppler method using radial artery



## Results

- Temperament and SBP assessed in 39 cats
- Temperament score
  - Median 2
  - Range 0 to 7
- Systolic blood pressure
  - Median 124 mmHg
  - Range 91 to 162 mmHg
- SBP did not vary amongst cats with different temperament ( $P=0.846$ )



## Statement

The high variability and lack of association with temperaments, suggests that SBP is influenced by many factors. Therefore, the effect of temperament on SBP is difficult to predict.

## Reference

<sup>1</sup> Siegford JM, Walshaw SO, Brunner P, Zonella AJ. Validation of a temperament test for domestic cats. *Anthrozoos* 2003;16:332-351