Regression Analysis in the Animals Dataset

1) I performed a linear regression on a sample of <u>cats from the shelter</u>

<p style="text-align:center">dataset or subset</p>

and found <u>a moderate (r=0.566), positive</u> correlation

<p style="text-align:center">a weak/strong/moderate (R=...), positive/negative</p>

between <u>age of the cats (in years)</u> and <u>number of weeks to adoption</u> .

<p>[x-axis]   [y-axis]</p>

I would predict that a 1 <u>year</u> increase in <u>age</u> is associated with a

<p>[x-axis units]   [x-axis]</p>

<u>0.23 week</u> <u>increase</u> in <u>adoption time</u> .

<p>[slope, y-units]   [increase/decrease]   [y-axis]</p>

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2) I performed a linear regression on a sample of _____ and

<p style="text-align:center">dataset or subset</p>

found _____ correlation between

<p style="text-align:center">a weak/strong/moderate (R=...), positive/negative</p>

_____ and _____ .

<p>[x-axis]   [y-axis]</p>

I would predict that a 1 _____ increase in _____ is associated with a

<p>[x-axis units]   [x-axis]</p>

_____ _____ in _____ .

<p>[slope, y-units]   [increase/decrease]   [y-axis]</p>

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3) I performed a linear regression on a sample of _____

<p style="text-align:center">dataset or subset</p>

and found _____ correlation

<p style="text-align:center">a weak/strong/moderate (R=...), positive/negative</p>

between

_____ and _____ .

<p>[x-axis]   [y-axis]</p>

I would predict that a 1 _____ increase in _____ is associated with a

<p>[x-axis units]   [x-axis]</p>

_____ _____ in _____ .

<p>[slope, y-units]   [increase/decrease]   [y-axis]</p>