

Regression Analysis in the Animals Dataset

1) I performed a linear regression on a sample of cats from the shelter and dataset or subset
found a moderate ($r=0.566$), positive correlation between age of the cats (in years) and number of weeks to adoption
[x-axis]
in age is associated with a 0.23 week increase
[x-axis] [slope, y-units]
increase in adoption time.
[increase/decrease] [y-axis]

2) I performed a linear regression on a sample of _____ and _____
dataset or subset
found _____ correlation between _____
_____ a weak/strong/moderate ($R=...$), positive/negative
_____ and _____
_____ [x-axis]
_____ [y-axis] . I would predict that a 1 _____ increase
_____ [x-axis units]
in _____ is associated with a _____ in _____
_____ [x-axis] _____ [slope, y-units] _____ [increase/decrease]
_____ .
_____ [y-axis]

3) I performed a linear regression on a sample of _____ and _____
dataset or subset
found _____ correlation between _____
_____ a weak/strong/moderate ($R=...$), positive/negative
_____ and _____
_____ [x-axis]
_____ [y-axis] . I would predict that a 1 _____ increase
_____ [x-axis units]
in _____ is associated with a _____ in _____
_____ [x-axis] _____ [slope, y-units] _____ [increase/decrease]
_____ .
_____ [y-axis]