

Assignment 6

Due date: December 4th, 2017

Total points: 10

1. Use the `cats` data set from the `MASS` package. Use linear regression to predict cat heart weights with cat body weights. Compute the standard errors, biases, and the 4 kinds of confidence intervals covered in class for the regression coefficients with bootstrap resampling without using packages.
2. Compute the standard errors, biases, and the 4 kinds of confidence intervals for the regression coefficients using the `boot` package.