

Lab 2

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1 Analysis of results

After running the bootstrap algorithm using a confidence level of 95 percent on the data about current fleet and the new fleet the following values were obtained for each of the columns.

Current Fleet:

Mean: 20.1464

Lower: 19.36546

Upper: 20.959839

New Fleet:

Mean: 30.47730

Lower: 29.164556

Upper: 31.8101265

A difference of approximately ten units can be observed between the current fleet values and the new fleet values.