Prediction intervals

Rules

1. You can use any programming language, but the results must be reproducible.
2. By the deadline, you should send me a **.txt file** (named "[badge number]_[dataset name].txt") containing the prediction intervals in the format

   ```
   5.646867 14.98694
   7.825673 17.05896
   ...
   ```

   and a **.pdf file** (named "[badge number]_[dataset name]_SUPPL.pdf") containing the code to reproduce your results.
3. Deadline: December 10, 2021 h 17:00

Supplementary code to reproduce the results

```
PATH <- "https://raw.githubusercontent.com/aldosolari/SL3/main/docs/"
train = read.csv2(paste0(PATH,"PI_LOW_train.txt"))
test = read.csv2(paste0(PATH,"PI_LOW_test.txt"))
model = lm( y~. , train )
PI = predict(model, newdata = test, interval = "prediction")[,-1]
head(PI)
```

```
##         lwr      upr
## 1  5.646867 14.98694
## 2  7.825673 17.05896
## 3  6.898994 16.10844
## 4 15.215811 24.61366
## 5  1.304666 10.74310
## 6  6.970587 16.20393
```

```
# write.table(file="2575_PI_LOW.txt", PI, row.names = FALSE, col.names = FALSE)
```