HW3

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Problem 1

Here is the section with 300 observations instead

Here is the section with the Model Selection using the four models

```
# A tibble: 6 x 6
     X1 DATE       ln_fl_nonfarm ln_fl_lf ln_us_epr ln_fl_bp
  <dbl> <date>             <dbl>    <dbl>     <dbl>    <dbl>
1   589 1988-01-01          8.51     15.6      4.11     9.37
2   590 1988-02-01          8.52     15.6      4.11     9.41
3   591 1988-03-01          8.53     15.6      4.12     9.66
4   592 1988-04-01          8.53     15.6      4.12     9.54
5   593 1988-05-01          8.53     15.6      4.13     9.61
6   594 1988-06-01          8.53     15.6      4.14     9.87
```

First Model

Second Model

Third Model

Fourth Model

RMSE	Rsquared	MAE	AIC	BIC
0.0047814	0.7733409	0.0035833	-2910.616	-2840.124
0.0047430	0.7769618	0.0035699	-2917.164	-2846.672
0.0047580	0.7755934	0.0035853	-2915.047	-2832.807
0.0047489	0.7758198	0.0035472	-2821.398	-2728.198