

Stat 565

Homework 6

Due in class Feb 25th

1

The dataset `bluebirdlite` contains log sales and prices for the “lite” version of bluebird chips. Quantify the relationship between sales and price.

```
library(TSA)
data(bluebirdlite)
```

2

In class we looked at modelling the relationship between mortality, temperature and particulate matter. Repeat the analysis but seasonally difference all three series first. Compare the results.

You can get the `cmort`, `tempr` and `part` time series with:

```
load(url("http://www.stat.pitt.edu/stoffer/tsa3/tsa3.rda"))
```

Have a look at the code from Feb 9 if you want to turn them into a data frame.