Untitled

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Packages

```
library(dplyr)
```

Data

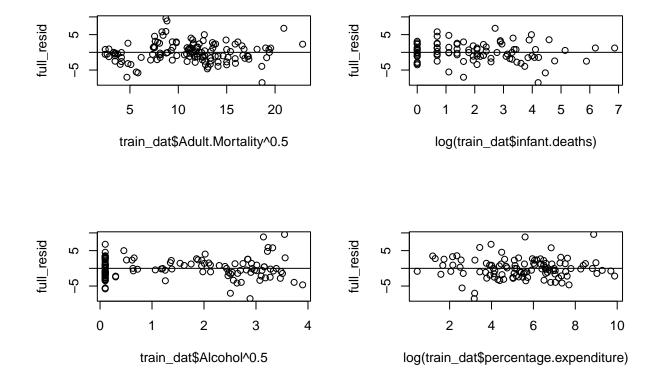
Partitioning The Data

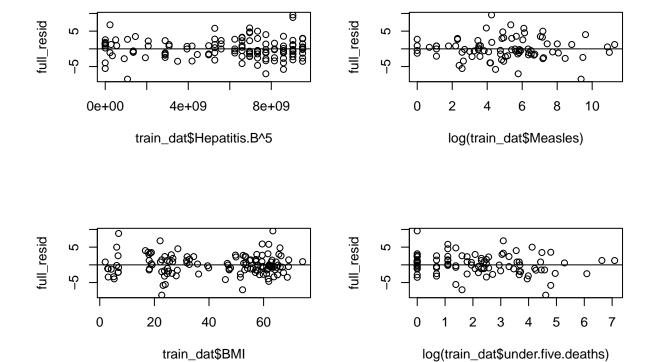
```
train_ind <- sample(1:nrow(dat), size = 0.70*nrow(dat))
train_dat <- dat[train_ind,]
test_dat <- dat[-train_ind,]</pre>
```

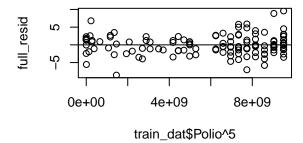
Fitting a model on the training data

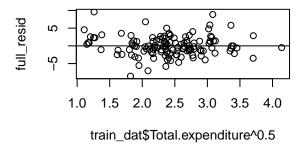
```
full_resid <- lm(Life.expectancy~., select(train_dat, -Country, -Status))$residuals
```

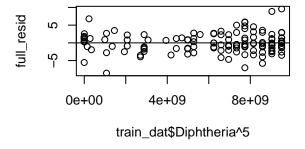
Plotting the Residuals (linearity check)

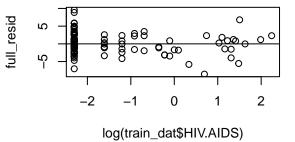


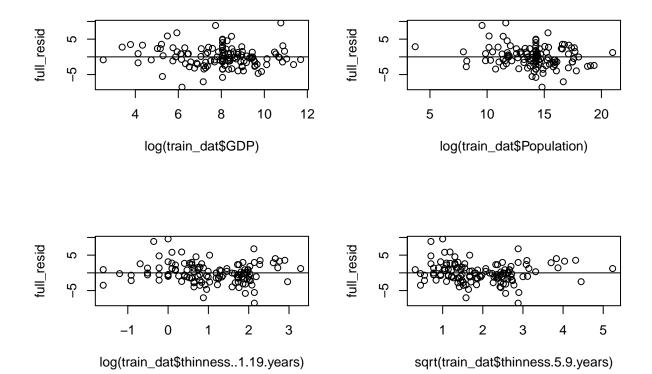


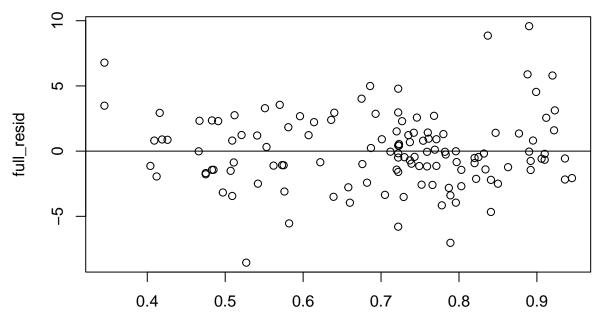












train_dat\$Income.composition.of.resources

