Homework 4

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Perpare R envrioment

```
library(leaps)
library(knitr)
opts_chunk$set(cache = TRUE)
```

Data preparation

```
data <- read.table("emap.build08.txt", header = TRUE)
data$LK.HA <- log(data$LK.HA + 1)
data$POPDENKM <- log(data$POPDENKM + 1)
data$TOT.RD <- log(data$TOT.RD + 1)
explanatory <- data[, -3]
response <-  data[, 3]
```

Naive all subsets selctions

```
naive_raw <- regsubsets(explanatory, response, nbest = 1)
naive_results <- summary(naive_raw)
plot(naive_raw)
```