

Comparing the Bayesian Linear Regression Model to Ordinary Least Squares

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Abstract

Linear regression is often used to model relationships between a response variable and one or more explanatory variables. In traditional settings, the ordinary least squares method is used to estimate the model. In this paper, our goal is to develop a linear model by estimating the model parameters under a Bayesian framework and compare the model against the traditional ordinary least squares model using a dataset.

Introduction

To model the relationship between a response variable and one or more explanatory variables, the simplest way to estimate a model is to assume that there is a linear relationship between the response variable and the predictor variables. The formulation of the model is

$$\mathbf{y} = X\boldsymbol{\beta} + \boldsymbol{\epsilon},$$

where X is an $n \times k$ matrix with the observations of the explanatory variables, \mathbf{y} is an $n \times 1$ vector of observations of the response variables, $\boldsymbol{\beta}$ is a $k \times 1$ vector of model parameters, and $\boldsymbol{\epsilon}$ is an $n \times 1$ vector of random errors with each observation, n is the number of observations, and k is the number of parameters. The goal is to estimate $\boldsymbol{\beta}$ and then construct and evaluate the model from the estimated values. In other words, we have

$$\mathbf{y} = \begin{bmatrix} y_1 \\ y_2 \\ \vdots \\ y_n \end{bmatrix}, \quad X = \begin{bmatrix} 1 & x_{11} & x_{12} & \cdots & x_{1k} \\ 1 & x_{21} & x_{22} & \cdots & x_{2k} \\ \vdots & \vdots & \vdots & \ddots & \vdots \\ 1 & x_{n1} & x_{n2} & \cdots & x_{nk} \end{bmatrix}, \quad \boldsymbol{\beta} = \begin{bmatrix} \beta_0 \\ \beta_1 \\ \vdots \\ \beta_{k-1} \end{bmatrix}, \quad \boldsymbol{\epsilon} = \begin{bmatrix} \epsilon_1 \\ \epsilon_2 \\ \vdots \\ \epsilon_n \end{bmatrix}$$

The most well-known way is to use the ordinary least squares method to estimate the parameters. The goal of this paper is to compare the ordinary least squares method with the Bayesian method of estimating parameters.

Ordinary Least Squares Regression Revisited

Estimation of Model Parameters

Consider a multiple linear regression model

$$\mathbf{y} = X\boldsymbol{\beta} + \boldsymbol{\epsilon},$$

assume that the random errors have mean 0, variance σ^2 , are uncorrelated, and they follow a normal distribution. In other words, we assume that $\boldsymbol{\epsilon} \sim N(\mathbf{0}, \sigma^2 I)$, where $\mathbf{0}$ is the zero vector, and I is the identity matrix.

To estimate the coefficients, the following quantity should be minimized:

$$S(\beta) = \sum_{i=1}^n \epsilon_i = \boldsymbol{\epsilon}^T \boldsymbol{\epsilon} = (\mathbf{y} - X\beta)^T (\mathbf{y} - X\beta)$$

We need to take derivatives of $S(\beta)$ with respect to β . We get that

$$\frac{\partial S(\beta)}{\partial \beta} = -2X^T \mathbf{y} + 2X^T X\beta$$

If we set this equation to 0 and we solve for β , we get

$$X^T X\beta = X^T \mathbf{y}$$

If we multiply both sides by the inverse of $X^T X$, assuming that it is invertible, then the least squares estimator of β is

$$\hat{\beta} = (X^T X)^{-1} X^T \mathbf{y}$$

The least squares estimator of β has the following properties:

- $\mathbb{E}[\hat{\beta}] = \beta$
- $Var[\hat{\beta}] = \sigma^2 (X^T X)^{-1}$

Estimation of Variance

In the frequentist approach, we estimate σ^2 using the residual sum of squares. We have

$$SS_{res} = \sum_{i=1}^n (y_i - \hat{y}_i)^2 = \sum_{i=1}^n e_i^2 = \mathbf{e}^T \mathbf{e}$$

where \hat{y}_i are the fitted values of y_i using the least squares model and $e_i = y_i - \hat{y}_i$ are the residuals. \mathbf{e} is the vector of the residuals. If we simplify further, we get

$$SS_{res} = \mathbf{y}^T \mathbf{y} - \hat{\beta}^T X^T \mathbf{y}$$

The residual sum of squares has $n - k$ degrees of freedom. The residual mean square is

$$MS_{res} = \frac{SS_{res}}{n - p}$$

We can show that

$$\mathbb{E}[MS_{res}] = \sigma^2$$

Therefore, an unbiased estimator for σ^2 is given by

$$\hat{\sigma}^2 = MS_{res} = \frac{\mathbf{y}^T \mathbf{y} - \hat{\beta}^T X^T \mathbf{y}}{n - k}$$

Inference on model parameters

After obtaining the estimates of the model parameters, we need to make inference on them. The main goal of inference is to determine if all the explanatory variables are significant to the model. Sometimes when there are too many variables, the accuracy of predictions using the model can decrease significantly. Making inferences can help decide if some variables should not be included in the model.

We have assumed that $\epsilon \sim N(\mathbf{0}, \sigma^2 I)$. This consequently leads to that $\mathbf{y} \sim N(X\beta, \sigma^2 I)$. Under this assumption, we can also get that

$$\hat{\beta} \sim N(\beta, \sigma^2 (X^T X)^{-1})$$

From this, we can also deduce that

$$\hat{\beta}_j \sim N(\beta_j, \sigma^2 (X^T X)^{-1}_{jj})$$

for $j = 1, 2, \dots, k$ and $(X^T X)^{-1}_{jj}$ is the j -th diagonal element of the matrix $(X^T X)^{-1}$.

If we standardize $\hat{\beta}$, we get that

$$\frac{\hat{\beta}_j - \beta_j}{\sigma \sqrt{(X^T X)^{-1}_{jj}}} \sim N(0, 1)$$

In practice, we do not know the value of σ^2 , which we will need to use in order to make inference on the model parameters. Therefore, the best way is to use the estimate for σ^2 , which is MS_{res} . However, if we replace σ^2 with MS_{res} , we get

$$\frac{\hat{\beta}_j - \beta_j}{\sqrt{MS_{res}(X^T X)^{-1}_{jj}}} \sim t(n - k)$$

If we want to test the null hypothesis $H_0 : \beta_j = \beta_{j_0}$ against the hypothesis $H_1 : \beta_j \neq \beta_{j_0}$, we have that under H_0 that

$$t_0 = \frac{\hat{\beta}_j - \beta_{j_0}}{\sqrt{MS_{res}(X^T X)^{-1}_{jj}}} \sim t(n - k)$$

t_0 is the test statistic for the hypothesis $\beta_j = \beta_{j_0}$. We reject H_0 if $t_0 > t_{\alpha/2}(n - k)$, where α is the significance level and $t_{\alpha/2}(n - k)$ is the $100(1 - \alpha/2)$ th quantile of the Student t distribution with $n - k$ degrees of freedom. We can also compute the p-value, which is

$$p\text{-value} = P(|T| > t_0) = 2P(T > t_0)$$

and we reject H_0 if it is less than α .

Another way to test the hypothesis H_0 against H_1 is to construct confidence intervals for the model parameters β_j . We can deduce that a $100(1 - \alpha)\%$ confidence interval for β_j is

$$\hat{\beta}_j \pm t_{\alpha/2}(n - k) \cdot \sqrt{MS_{res}(X^T X)^{-1}_{jj}}$$

From the confidence interval, we can reject H_0 if β_{j_0} is contained in the interval. Otherwise, we accept H_0 .

Prediction

The purpose of constructing a model between a response variable and several explanatory variables is to make predictions of future values of the response given certain values of the explanatory variables. To predict \mathbf{y} at a given X , we simply use the fitted model

$$\hat{\mathbf{y}} = X\hat{\beta}$$

To construct a confidence interval for a prediction, we have that

Bayesian Linear Regression

Now, we turn to the Bayesian approach to estimate a linear regression model between a response variable and several explanatory variables. The form of the model is the same as in the ordinary least squares framework

$$\mathbf{y} = X\boldsymbol{\beta} + \boldsymbol{\epsilon}$$

Estimation of Parameters

We make the same assumptions as in the ordinary least squares framework, where $\boldsymbol{\epsilon} \sim N_n(\mathbf{0}, \sigma^2 I)$. We need to estimate $k + 1$ parameters: the k model coefficients, and σ^2 .

Likelihood Function

With the assumption, we have that

$$\mathbf{y} \sim N_n(X\boldsymbol{\beta}, \sigma^2 I)$$

Therefore, the likelihood function is

$$f(\mathbf{y}|X, \boldsymbol{\beta}, \sigma^2) = \frac{1}{(2\pi)^{n/2}(\sigma^2)^{n/2}} \exp \left[-\frac{1}{2\sigma^2} (\mathbf{y} - X\boldsymbol{\beta})^T (\mathbf{y} - X\boldsymbol{\beta}) \right]$$

Choosing a prior distribution

To estimate $\boldsymbol{\beta}$ and σ^2 , we treat them as random variables and we make a prior assumption on their distribution. The assumption we will use are

$$\boldsymbol{\beta}|\sigma^2 \sim N_k(\mathbf{m}, \sigma^2 V)$$

and

$$\sigma^2 \sim IG(a, b)$$

where \mathbf{m} is a $k \times 1$ vector of real numbers, V is a $k \times k$ matrix of real numbers, and a and b are both real numbers.

Then, we get that the prior for $(\boldsymbol{\beta}, \sigma^2)$ is

$$g(\boldsymbol{\beta}, \sigma^2) = g(\boldsymbol{\beta}|\sigma^2)g(\sigma^2)$$

where

$$g(\boldsymbol{\beta}|\sigma^2) = \frac{1}{(2\pi\sigma^2)^{k/2}} |V|^{-\frac{k}{2}} \exp \left(-\frac{1}{2\sigma^2} (\boldsymbol{\beta} - \mathbf{m})^T V^{-1} (\boldsymbol{\beta} - \mathbf{m}) \right)$$

and

$$g(\sigma^2) = \frac{b^a}{\Gamma(a)} (\sigma^2)^{-(a+1)} \exp \left(-\frac{b}{\sigma^2} \right)$$

Computation of posterior distribution

Now that we have the likelihood function and the prior probability distribution of the parameters, we can now compute the posterior distribution of the parameters. We let $h(\boldsymbol{\beta}, \sigma^2|\mathbf{y}, X)$ represent the posterior distribution function:

$$\begin{aligned}
h(\boldsymbol{\beta}, \sigma^2 | \mathbf{y}, X) &\propto f(\mathbf{y} | X, \boldsymbol{\beta}, \sigma^2) g(\boldsymbol{\beta}, \sigma^2) \\
&\propto f(\mathbf{y} | X, \boldsymbol{\beta}, \sigma^2) g(\boldsymbol{\beta} | \sigma^2) g(\sigma^2) \\
&\propto (2\pi\sigma^2)^{-\frac{n}{2}} \exp\left(-\frac{1}{2\sigma^2}(\mathbf{y} - X\boldsymbol{\beta})^T(\mathbf{y} - X\boldsymbol{\beta})\right) (2\pi\sigma^2)^{-\frac{k}{2}} |V|^{-\frac{k}{2}} \exp\left(-\frac{1}{2\sigma^2}(\boldsymbol{\beta} - \mathbf{m})^T V^{-1}(\boldsymbol{\beta} - \mathbf{m})\right) \\
&\times \frac{b^a}{\Gamma(a)} (\sigma^2)^{-(a+1)} \exp\left(-\frac{b}{\sigma^2}\right) \\
&\propto (\sigma^2)^{-\frac{n}{2} - \frac{k}{2} - (a+1)} \exp\left(-\frac{1}{2\sigma^2}[(\mathbf{y} - X\boldsymbol{\beta})^T(\mathbf{y} - X\boldsymbol{\beta}) + (\boldsymbol{\beta} - \mathbf{m})^T V^{-1}(\boldsymbol{\beta} - \mathbf{m}) + 2b]\right) \\
&\propto (\sigma^2)^{-\frac{n}{2} - \frac{k}{2} - (a+1)} \exp\left(-\frac{1}{2\sigma^2}A\right)
\end{aligned}$$

We now want to rewrite the equation above by simplifying the quantity inside the exponential function. We do the following:

$$\begin{aligned}
A &= (\mathbf{y} - X\boldsymbol{\beta})^T(\mathbf{y} - X\boldsymbol{\beta}) + (\boldsymbol{\beta} - \mathbf{m})^T V^{-1}(\boldsymbol{\beta} - \mathbf{m}) + 2b \\
&= \mathbf{y}^T \mathbf{y} - \mathbf{y}^T X\boldsymbol{\beta} - \boldsymbol{\beta}^T X^T \mathbf{y} + \boldsymbol{\beta}^T X^T X\boldsymbol{\beta} + \boldsymbol{\beta}^T V^{-1}\boldsymbol{\beta} - \boldsymbol{\beta}^T V^{-1}\mathbf{m} - \mathbf{m}^T V^{-1}\boldsymbol{\beta} + \mathbf{m}^T V^{-1}\mathbf{m} + 2b \\
&= \boldsymbol{\beta}^T (X^T X + V^{-1})\boldsymbol{\beta} - \boldsymbol{\beta}^T (X^T \mathbf{y} + V^{-1}\mathbf{m}) + (\mathbf{m}^T V^{-1}\mathbf{m} + 2b + \mathbf{y}^T \mathbf{y}) - (\mathbf{y}^T X + \mathbf{m}^T V^{-1})\boldsymbol{\beta}
\end{aligned}$$

We define the following quantities:

$$\Lambda = (X^T X + V^{-1})^{-1}$$

and

$$\boldsymbol{\mu} = (X^T X + V^{-1})^{-1}(X^T \mathbf{y} + V^{-1}\mathbf{m})$$

where Λ is a $k \times k$ matrix and $\boldsymbol{\mu}$ is a $k \times 1$ vector.

Then we can write

$$\begin{aligned}
A &= \boldsymbol{\beta}^T \Lambda^{-1} \boldsymbol{\beta} - \boldsymbol{\beta}^T \Lambda^{-1} \boldsymbol{\mu} - \boldsymbol{\mu}^T \Lambda^{-1} \boldsymbol{\beta} + \mathbf{m}^T V^{-1} \mathbf{m} + 2b + \mathbf{y}^T \mathbf{y} \\
&= (\boldsymbol{\beta} - \boldsymbol{\mu})^T \Lambda^{-1} (\boldsymbol{\beta} - \boldsymbol{\mu}) - \boldsymbol{\mu}^T \Lambda^{-1} \boldsymbol{\mu} + \mathbf{m}^T V^{-1} \mathbf{m} + 2b + \mathbf{y}^T \mathbf{y}
\end{aligned}$$

Now, we go back to the posterior distribution and we can write:

$$\begin{aligned}
h(\boldsymbol{\beta}, \sigma^2 | \mathbf{y}, X) &\propto (\sigma^2)^{-\frac{n}{2} - \frac{k}{2} - (a+1)} \exp\left(-\frac{1}{2\sigma^2}A\right) \\
&\propto (\sigma^2)^{-\frac{n}{2} - \frac{k}{2} - (a+1)} \exp\left(-\frac{1}{2\sigma^2}((\boldsymbol{\beta} - \boldsymbol{\mu})^T \Lambda^{-1} (\boldsymbol{\beta} - \boldsymbol{\mu}) - \boldsymbol{\mu}^T \Lambda^{-1} \boldsymbol{\mu} + \mathbf{m}^T V^{-1} \mathbf{m} + 2b + \mathbf{y}^T \mathbf{y})\right) \\
&\propto (\sigma^2)^{-\frac{k}{2}} \exp\left(\frac{(\boldsymbol{\beta} - \boldsymbol{\mu})^T \Lambda^{-1} (\boldsymbol{\beta} - \boldsymbol{\mu})}{2\sigma^2}\right) (\sigma^2)^{-(\frac{n}{2} + a+1)} \exp\left(\frac{\mathbf{m}^T V^{-1} \mathbf{m} - \boldsymbol{\mu}^T \Lambda^{-1} \boldsymbol{\mu} + 2b + \mathbf{y}^T \mathbf{y}}{2\sigma^2}\right)
\end{aligned}$$

From looking at the posterior distribution, we can see that it is the product of a multivariate normal distribution and an inverse gamma distribution. We can parameterize the posterior the following way:

$$h(\boldsymbol{\beta}, \sigma^2 | \mathbf{y}, X) = h(\boldsymbol{\beta} | \sigma^2, \mathbf{y}, X) h(\sigma^2 | \mathbf{y}, X)$$

where

$$h(\boldsymbol{\beta}|\sigma^2, \mathbf{y}, X) = \frac{1}{(2\pi\sigma^2)^{-\frac{k}{2}}} \exp\left(\frac{(\boldsymbol{\beta} - \boldsymbol{\mu})^T \Lambda^{-1} (\boldsymbol{\beta} - \boldsymbol{\mu})}{2\sigma^2}\right)$$

and

$$h(\sigma^2|\mathbf{y}, X) = \frac{(\frac{1}{2}(\mathbf{m}^T V^{-1} \mathbf{m} - \boldsymbol{\mu}^T \Lambda^{-1} \boldsymbol{\mu} + 2b + \mathbf{y}^T \mathbf{y}))^{\frac{n}{2}+a}}{\Gamma(a + \frac{n}{2})} (\sigma^2)^{-(\frac{n}{2}+a+1)} \exp\left(\frac{\mathbf{m}^T V^{-1} \mathbf{m} - \boldsymbol{\mu}^T \Lambda^{-1} \boldsymbol{\mu} + 2b + \mathbf{y}^T \mathbf{y}}{2\sigma^2}\right)$$

Then we get that

$$\boldsymbol{\beta}|\sigma^2, \mathbf{y}, X \sim N_k(\boldsymbol{\mu}, \sigma^2 \Lambda)$$

and

$$\sigma^2|\mathbf{y}, X \sim IG(\alpha, r)$$

where

$$\begin{aligned} \boldsymbol{\mu} &= (X^T X + V^{-1})^{-1} (X^T \mathbf{y} + V^{-1} \mathbf{m}) \\ \Lambda &= (X^T X + V^{-1})^{-1} \\ \alpha &= a + \frac{n}{2} \\ r &= \frac{\mathbf{m}^T V^{-1} \mathbf{m} - \boldsymbol{\mu}^T \Lambda^{-1} \boldsymbol{\mu} + 2b + \mathbf{y}^T \mathbf{y}}{2} \end{aligned}$$

Making Bayesian inference

We now have the posterior distribution of $(\boldsymbol{\beta}, \sigma^2)$. From that, we also get that

$$\boldsymbol{\beta}|\sigma^2, \mathbf{y}, X \sim N_k(\boldsymbol{\mu}, \sigma^2 \Lambda^{-1})$$

and

$$\sigma^2|\mathbf{y}, X \sim IG(\alpha, r)$$

The main goal is to estimate the parameters. We first need to find the marginal distribution of $\boldsymbol{\beta}$. This is hard to do by hand since we have to solve the following integral:

$$h(\boldsymbol{\beta}|\mathbf{y}, X) = \int_{-\infty}^{\infty} h(\boldsymbol{\beta}|\sigma^2, \mathbf{y}, X) h(\sigma^2|\mathbf{y}, X) d(\sigma^2)$$

Therefore, we need to use computational methods to simulate the posterior marginal distribution for $\boldsymbol{\beta}$.

To make inference on individual parameters, we have that since $\boldsymbol{\beta}$ follows a multivariate normal distribution, we can also conclude that for any model parameter β_j , we get that

$$\beta_j|\sigma^2, \mathbf{y}, X \sim N(\mu_j, \sigma^2 \Lambda_{jj})$$

where μ_j is the j -th element of the vector $\boldsymbol{\mu}$ and Λ_{jj} is the j -th diagonal element of the matrix Λ . Then the marginal distribution for β_j is

$$h(\beta_j|\mathbf{y}, X) = \int_{-\infty}^{\infty} h(\beta_j|\sigma^2, \mathbf{y}, X) h(\sigma^2|\mathbf{y}, X) d(\sigma^2)$$

This integral is also hard to compute, so we need to use computational methods.

Given the marginal distribution, we can use it to find the mean and variance of β_j and we can also construct credible regions to decide if the explanatory variable associated with the parameter is significant to the model. If the credible region contain 0, then we can conclude that the parameter and its associated explanatory variable is not significant to the model. Otherwise, we conclude that it is significant.

Simulation Algorithm to Compute Posterior

To simulate the marginal distribution for a parameter β_j , we can use the following algorithm:

1. Load the data.
2. Initialize the chosen parameters \mathbf{m} , V , a , and b .
3. Compute $\boldsymbol{\mu}$, Λ , α , and r using the data and the initialized prior parameters.
4. Simulate σ^2 a large number of times from the $IG(\alpha, r)$ distribution.
5. For each simulated value of σ^2 , simulate β_j from the $N(\mu_j, \sigma^2 \Lambda_{jj})$ distribution.
6. Draw a graph for the simulated distribution of β_j , then compute its center and a 95% credible region.

Application

Now we have established the theory behind Bayesian linear regression, we will compare the Bayesian linear regression model to the ordinary least squares model on the Boston Housing dataset [citation]. **Note for Joe:** I removed a few predictors for simplicity for now, idk whether to add them in the end but we'll see.

Data Description and Preprocessing

Ordinary Least Squares Model

We now

```
library(caret)

## Loading required package: ggplot2
## Loading required package: lattice
library(olsrr)

##
## Attaching package: 'olsrr'
## The following object is masked from 'package:datasets':
##
##     rivers

set.seed(1)

boston_housing_dataset <- read.csv("Boston.csv")

#Remove the indicator variable for river
boston_housing_dataset <- subset(boston_housing_dataset, select = -CHAS)

train_set_indices <- createDataPartition(boston_housing_dataset$MEDV, p = 0.6, list = FALSE)

train_set_dataset <- boston_housing_dataset[train_set_indices, ]

test_set_dataset <- boston_housing_dataset[-train_set_indices, ]

write.csv(train_set_indices, "train_set_indices.csv", row.names = FALSE)

correlation_matrix <- cor(train_set_dataset)
```

```
print(correlation_matrix)
```

```
##          CRIM      ZN      INDUS      NX      RM      AGE
## CRIM      1.0000000 -0.1980716  0.3855555  0.3942207 -0.2111454  0.3412206
## ZN      -0.1980716  1.0000000 -0.5210940 -0.5148333  0.3521643 -0.5598413
## INDUS    0.3855555 -0.5210940  1.0000000  0.7445619 -0.4333818  0.6482785
## NX      0.3942207 -0.5148333  0.7445619  1.0000000 -0.3416715  0.7339832
## RM     -0.2111454  0.3521643 -0.4333818 -0.3416715  1.0000000 -0.2573816
## AGE     0.3412206 -0.5598413  0.6482785  0.7339832 -0.2573816  1.0000000
## DIS     -0.3759791  0.6314576 -0.7192336 -0.7695838  0.2557888 -0.7664516
## RAD     0.6437362 -0.3009237  0.5418172  0.5705141 -0.2196415  0.4373854
## TAX     0.5916108 -0.2973673  0.6711025  0.6338897 -0.3091763  0.4869907
## PTRATIO 0.3088394 -0.4595826  0.4233961  0.1858344 -0.3561437  0.2766857
## B      -0.4395933  0.1771755 -0.3491043 -0.3833296  0.1348369 -0.2703197
## LSTAT   0.4199203 -0.4269486  0.6372844  0.5925369 -0.5791586  0.6192450
## MEDV   -0.3837221  0.3891845 -0.5020683 -0.4353065  0.6789791 -0.3920847
##          DIS      RAD      TAX      PTRATIO      B      LSTAT
## CRIM   -0.3759791  0.6437362  0.5916108  0.3088394 -0.4395933  0.4199203
## ZN     0.6314576 -0.3009237 -0.2973673 -0.4595826  0.1771755 -0.4269486
## INDUS  -0.7192336  0.5418172  0.6711025  0.4233961 -0.3491043  0.6372844
## NX     -0.7695838  0.5705141  0.6338897  0.1858344 -0.3833296  0.5925369
## RM     0.2557888 -0.2196415 -0.3091763 -0.3561437  0.1348369 -0.5791586
## AGE    -0.7664516  0.4373854  0.4869907  0.2766857 -0.2703197  0.6192450
## DIS    1.0000000 -0.4791373 -0.5269872 -0.2800301  0.2965343 -0.5282119
## RAD    -0.4791373  1.0000000  0.8997418  0.4835778 -0.4541959  0.4599245
## TAX    -0.5269872  0.8997418  1.0000000  0.4669725 -0.4426489  0.5256456
## PTRATIO -0.2800301  0.4835778  0.4669725  1.0000000 -0.1752013  0.3827029
## B      0.2965343 -0.4541959 -0.4426489 -0.1752013  1.0000000 -0.3264795
## LSTAT  -0.5282119  0.4599245  0.5256456  0.3827029 -0.3264795  1.0000000
## MEDV   0.2827807 -0.3685809 -0.4637313 -0.4793594  0.3405993 -0.7370721
##          MEDV
## CRIM   -0.3837221
## ZN      0.3891845
## INDUS  -0.5020683
## NX     -0.4353065
## RM      0.6789791
## AGE    -0.3920847
## DIS     0.2827807
## RAD    -0.3685809
## TAX    -0.4637313
## PTRATIO -0.4793594
## B       0.3405993
## LSTAT  -0.7370721
## MEDV   1.0000000
```

```
model <- lm(train_set_dataset$MEDV ~ ., data=train_set_dataset)
```

```
ols_coll_diag(model)
```

```
## Tolerance and Variance Inflation Factor
## -----
##      Variables Tolerance      VIF
## 1      CRIM 0.5320536 1.879510
## 2      ZN 0.4416451 2.264261
```



```
## 3      INDUS 0.2660110 3.759243
## 4      NX 0.2279827 4.386298
## 5      RM 0.5622830 1.778464
## 6      AGE 0.3070783 3.256499
## 7      DIS 0.2537681 3.940606
## 8      RAD 0.1453757 6.878730
## 9      TAX 0.1331123 7.512451
## 10     PTRATIO 0.4861931 2.056796
## 11      B 0.7246879 1.379904
## 12     LSTAT 0.3740516 2.673428
```

```
##
##
```

```
## Eigenvalue and Condition Index
```

```
## -----
```

##	Eigenvalue	Condition Index	intercept	CRIM	ZN
## 1	10.023376034	1.000000	1.514826e-05	1.147988e-03	0.0005102030
## 2	1.571861476	2.525224	1.274672e-05	6.439204e-02	0.0792381733
## 3	0.708956618	3.760081	1.290739e-05	2.916315e-01	0.1841019767
## 4	0.236128196	6.515280	1.158808e-04	4.716253e-01	0.2543034391
## 5	0.182212292	7.416827	7.890062e-06	6.786143e-02	0.1884256787
## 6	0.099527522	10.035417	1.242910e-04	4.604222e-02	0.0207373969
## 7	0.075213824	11.544049	3.160337e-06	2.265033e-02	0.0179724553
## 8	0.042392141	15.376742	2.253702e-04	8.371150e-03	0.0065310091
## 9	0.023655638	20.584469	5.059706e-03	6.074574e-03	0.0000432167
## 10	0.015751628	25.225762	5.834494e-04	4.903244e-03	0.0333678578
## 11	0.013128468	27.631215	5.404476e-04	6.787509e-03	0.0317767338
## 12	0.006583769	39.018424	1.072458e-04	2.673741e-06	0.1711698459
## 13	0.001212395	90.925353	9.931918e-01	8.510034e-03	0.0118220138

##	INDUS	NX	RM	AGE	DIS
## 1	5.975773e-04	9.447249e-05	5.599166e-05	0.0003961574	0.0003910096
## 2	2.131415e-03	7.105824e-07	8.020535e-05	0.0003207123	0.0060648894
## 3	2.739548e-03	1.532658e-04	3.022682e-05	0.0019214291	0.0004228467
## 4	2.816842e-02	7.958062e-06	4.883965e-04	0.0001708465	0.0315699591
## 5	4.025623e-02	2.303819e-04	1.912046e-04	0.0158737593	0.0330279572
## 6	1.519211e-02	2.537793e-03	3.178529e-03	0.0269479329	0.1044664009
## 7	5.289416e-01	5.490869e-04	4.555070e-04	0.1469463520	0.0675458811
## 8	6.897081e-05	6.001368e-03	3.779201e-03	0.1523519034	0.1297513689
## 9	1.301151e-01	5.471544e-02	3.068722e-02	0.6054784545	0.3710302074
## 10	1.744276e-01	1.181874e-04	1.877240e-02	0.0104445799	0.0033604950
## 11	5.884961e-05	3.916686e-01	1.107680e-02	0.0248168254	0.1553402097
## 12	6.743251e-02	1.819740e-01	4.264068e-01	0.0037610692	0.0063353648
## 13	9.870048e-03	3.619487e-01	5.047975e-01	0.0105699779	0.0906934101

##	RAD	TAX	PTRATIO	B	LSTAT
## 1	0.0004554735	1.814111e-04	6.378101e-05	0.0004028930	0.0007093924
## 2	0.0040900640	1.650523e-04	1.723551e-05	0.0012187240	0.0011211807
## 3	0.0048840311	8.443552e-05	6.806116e-05	0.0014641644	0.0011795075
## 4	0.0568459971	4.919921e-03	4.450828e-04	0.0096438476	0.0012279693
## 5	0.1336552317	4.276479e-03	3.273213e-04	0.0003869502	0.0816254606
## 6	0.0065302826	7.084904e-07	4.205039e-06	0.0224927421	0.4829400664
## 7	0.0281139924	2.093204e-03	2.561232e-04	0.0041849345	0.0532384576
## 8	0.0140408893	2.491904e-05	4.415177e-05	0.7207571650	0.0608219310
## 9	0.0416243936	1.014024e-02	1.001688e-02	0.1327178055	0.0709571083
## 10	0.5918552788	9.073912e-01	7.198348e-03	0.0033824102	0.0128101742
## 11	0.0257774792	2.391678e-02	1.819069e-01	0.0508689090	0.0013699700

```
## 12 0.0001715818 3.729966e-02 3.664490e-01 0.0055106459 0.1783294517
## 13 0.0919553049 9.506038e-03 4.332029e-01 0.0469688089 0.0536693302
```

As the VIF for all predictors in the full model were below 10, this indicates there is no multicollinearity present in the model which would require remedies, such as weighted least square regression or removing some of the highly correlated predictors. (idk whether to keep this).

```
print(summary(model))
```

```
##
## Call:
## lm(formula = train_set_dataset$MEDV ~ ., data = train_set_dataset)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -11.0346  -2.6668  -0.7731   1.5473  25.7176
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  32.044484   6.856733   4.673 4.52e-06 ***
## CRIM         -0.121517   0.044156  -2.752 0.006292 **
## ZN           0.042545   0.017788   2.392 0.017396 *
## INDUS        0.066926   0.074910   0.893 0.372368
## NX          -13.994681   4.821217  -2.903 0.003980 **
## RM           4.021977   0.555961   7.234 4.11e-12 ***
## AGE         -0.004531   0.017408  -0.260 0.794815
## DIS         -1.469667   0.261205  -5.626 4.30e-08 ***
## RAD          0.343192   0.082127   4.179 3.87e-05 ***
## TAX         -0.014404   0.004416  -3.262 0.001238 **
## PTRATIO     -0.855679   0.181010  -4.727 3.54e-06 ***
## B            0.011628   0.003434   3.386 0.000806 ***
## LSTAT       -0.629198   0.067913  -9.265 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 4.757 on 293 degrees of freedom
## Multiple R-squared:  0.7304, Adjusted R-squared:  0.7193
## F-statistic: 66.14 on 12 and 293 DF,  p-value: < 2.2e-16

stepwise_model_results <- ols_step_both_p(model, details = FALSE, p_enter = 0.10, p_remove = 0.15)

print(stepwise_model_results)
```

```
##
##
##              Stepwise Summary
## -----
```

## Step	Variable	AIC	SBC	SBIC	R2	Adj. R2
## 0	Base Model	2214.661	2222.108	1343.801	0.00000	0.00000
## 1	LSTAT (+)	1976.856	1988.027	1106.638	0.54328	0.54177
## 2	RM (+)	1906.965	1921.859	1037.156	0.63890	0.63652
## 3	PTRATIO (+)	1886.200	1904.818	1016.479	0.66479	0.66146
## 4	DIS (+)	1874.171	1896.512	1004.546	0.67981	0.67556
## 5	B (+)	1858.067	1884.132	988.864	0.69821	0.69318
## 6	NX (+)	1850.248	1880.037	981.343	0.70774	0.70187

```
## 7      RAD (+)      1848.473    1881.986    979.688    0.71132    0.70454
## 8      TAX (+)      1843.509    1880.745    975.080    0.71782    0.71022
## 9      CRIM (+)     1838.514    1879.473    970.541    0.72419    0.71581
## 10     ZN (+)       1834.475    1879.158    966.989    0.72958    0.72042
```

```
## -----
##
## Final Model Output
## -----
```

```
##
##                               Model Summary
## -----
## R                               0.854      RMSE                4.662
## R-Squared                       0.730      MSE                 22.541
## Adj. R-Squared                  0.720      Coef. Var             21.046
## Pred R-Squared                  0.701      AIC                   1834.475
## MAE                             3.208      SBC                   1879.158
## -----
```

```
## RMSE: Root Mean Square Error
## MSE: Mean Square Error
## MAE: Mean Absolute Error
## AIC: Akaike Information Criteria
## SBC: Schwarz Bayesian Criteria
##
```

```
##
##                               ANOVA
## -----
##                               Sum of
##                               Squares      DF      Mean Square      F      Sig.
## -----
## Regression    17940.367      10      1794.037      79.591    0.0000
## Residual      6649.478      295      22.541
## Total         24589.845      305
## -----
```

```
##
##                               Parameter Estimates
## -----
## model      Beta      Std. Error      Std. Beta      t      Sig.      lower      upper
## -----
## (Intercept) 31.665      6.811      -0.457      4.649    0.000      18.260      45.070
## LSTAT      -0.626      0.063      -0.457    -9.970    0.000      -0.750      -0.503
## RM         3.952      0.541      0.288      7.304    0.000      2.887      5.016
## PTRATIO    -0.824      0.176     -0.198     -4.674    0.000     -1.170     -0.477
## DIS       -1.508      0.235     -0.348     -6.410    0.000     -1.971     -1.045
## B          0.011      0.003      0.119      3.344    0.001      0.005      0.018
## NX       -13.172      4.458     -0.174     -2.955    0.003     -21.945     -4.399
## RAD         0.325      0.079      0.315      4.111    0.000      0.169      0.481
## TAX        -0.013      0.004     -0.244     -3.158    0.002     -0.021     -0.005
## CRIM       -0.123      0.044     -0.116     -2.803    0.005     -0.210     -0.037
## ZN          0.043      0.018      0.110      2.425    0.016      0.008      0.078
## -----
```

```
stepwise_model <- lm(MEDV ~ LSTAT + RM + PTRATIO + DIS + B + NX + RAD + TAX + CRIM + ZN, data = train_s
RSS <- residuals(stepwise_model)^2
```

```

training_MSE <- mean(RSS)

cat("Training MSE:", training_MSE, "\n")

## Training MSE: 21.73032
test_MSE <- mean((test_set_dataset$MEDV - predict(stepwise_model, newdata=test_set_dataset))^2)

cat("Test MSE:", test_MSE)

## Test MSE: 24.52705
anova_comparison <- anova(model, stepwise_model$model)

## Warning in anova.lm(object, ...): models with response 'NULL' removed
## because response differs from model 1
print(anova_comparison)

## Analysis of Variance Table
##
## Response: train_set_dataset$MEDV
##           Df Sum Sq Mean Sq F value    Pr(>F)
## CRIM       1 3620.7   3620.7 160.0139 < 2.2e-16 ***
## ZN         1 2510.3   2510.3 110.9414 < 2.2e-16 ***
## INDUS      1 1666.5   1666.5  73.6500 5.549e-16 ***
## NX         1   13.8    13.8   0.6099 0.4354431
## RM         1 5761.3   5761.3 254.6178 < 2.2e-16 ***
## AGE        1   70.6    70.6   3.1203 0.0783650 .
## DIS        1 1082.9   1082.9  47.8604 2.881e-11 ***
## RAD         1    5.0     5.0   0.2193 0.6399534
## TAX         1  291.6   291.6  12.8882 0.0003875 ***
## PTRATIO     1  604.9   604.9  26.7329 4.334e-07 ***
## B           1  390.2   390.2  17.2463 4.311e-05 ***
## LSTAT       1 1942.2   1942.2  85.8354 < 2.2e-16 ***
## Residuals 293 6629.8    22.6
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

```

(overall we can see that the full model with the F test (explain further) shows that the full model with all of the predictors versus the reduced model with AGE (proportion of owner-occupied units built prior to 1940) and INDUS (proportion of non-retail business acres per town))

```
print(ols_step_all_possible(model, details=TRUE))
```

##	Index	N	Predictors	R-Square
## 12	1	1	LSTAT	0.5432753
## 5	2	1	RM	0.4610126
## 3	3	1	INDUS	0.2520725
## 10	4	1	PTRATIO	0.2297854
## 9	5	1	TAX	0.2150467
## 4	6	1	NX	0.1894918
## 6	7	1	AGE	0.1537304
## 2	8	1	ZN	0.1514646
## 1	9	1	CRIM	0.1472427
## 8	10	1	RAD	0.1358519
## 11	11	1	B	0.1160079

## 7	12	1	DIS	0.0799649
## 57	13	2	RM LSTAT	0.6389049
## 77	14	2	PTRATIO LSTAT	0.5888729
## 68	15	2	DIS LSTAT	0.5590214
## 78	16	2	B LSTAT	0.5544594
## 75	17	2	TAX LSTAT	0.5513181
## 33	18	2	ZN LSTAT	0.5500614
## 63	19	2	AGE LSTAT	0.5499903
## 23	20	2	CRIM LSTAT	0.5499615
## 42	21	2	INDUS LSTAT	0.5450368
## 72	22	2	RAD LSTAT	0.5443852
## 50	23	2	NX LSTAT	0.5432784
## 54	24	2	RM TAX	0.5322392
## 55	25	2	RM PTRATIO	0.5256372
## 56	26	2	RM B	0.5241860
## 16	27	2	CRIM RM	0.5214808
## 35	28	2	INDUS RM	0.5141848
## 53	29	2	RM RAD	0.5116114
## 51	30	2	RM AGE	0.5115949
## 43	31	2	NX RM	0.5078147
## 26	32	2	ZN RM	0.4867229
## 52	33	2	RM DIS	0.4737499
## 48	34	2	NX PTRATIO	0.3539450
## 40	35	2	INDUS PTRATIO	0.3387930
## 73	36	2	TAX PTRATIO	0.3033773
## 61	37	2	AGE PTRATIO	0.3026818
## 76	38	2	PTRATIO B	0.2977220
## 14	39	2	CRIM INDUS	0.2945415
## 21	40	2	CRIM PTRATIO	0.2911856
## 30	41	2	ZN TAX	0.2843168
## 41	42	2	INDUS B	0.2831983
## 39	43	2	INDUS TAX	0.2813222
## 24	44	2	ZN INDUS	0.2744093
## 31	45	2	ZN PTRATIO	0.2659426
## 38	46	2	INDUS RAD	0.2652687
## 37	47	2	INDUS DIS	0.2647814
## 34	48	2	INDUS NX	0.2605560
## 36	49	2	INDUS AGE	0.2597246
## 70	50	2	RAD PTRATIO	0.2542022
## 66	51	2	DIS PTRATIO	0.2537288
## 60	52	2	AGE TAX	0.2512793
## 13	53	2	CRIM ZN	0.2493295
## 47	54	2	NX TAX	0.2484485
## 15	55	2	CRIM NX	0.2427636
## 74	56	2	TAX B	0.2378236
## 20	57	2	CRIM TAX	0.2334508
## 32	58	2	ZN B	0.2276472
## 69	59	2	RAD TAX	0.2274772
## 25	60	2	ZN NX	0.2265686
## 49	61	2	NX B	0.2248742
## 17	62	2	CRIM AGE	0.2244293
## 29	63	2	ZN RAD	0.2209962
## 65	64	2	DIS TAX	0.2170883
## 62	65	2	AGE B	0.2131119

## 46	66	2	NX RAD	0.2109233
## 59	67	2	AGE RAD	0.2017634
## 44	68	2	NX AGE	0.2009112
## 45	69	2	NX DIS	0.1961808
## 27	70	2	ZN AGE	0.1956646
## 22	71	2	CRIM B	0.1838778
## 71	72	2	RAD B	0.1736432
## 19	73	2	CRIM RAD	0.1724783
## 18	74	2	CRIM DIS	0.1695859
## 58	75	2	AGE DIS	0.1544926
## 28	76	2	ZN DIS	0.1537448
## 67	77	2	DIS B	0.1522381
## 64	78	2	DIS RAD	0.1504855
## 262	79	3	RM PTRATIO LSTAT	0.6647932
## 263	80	3	RM B LSTAT	0.6552488
## 253	81	3	RM DIS LSTAT	0.6495882
## 112	82	3	CRIM RM LSTAT	0.6479788
## 260	83	3	RM TAX LSTAT	0.6465731
## 257	84	3	RM RAD LSTAT	0.6417554
## 157	85	3	ZN RM LSTAT	0.6404081
## 248	86	3	RM AGE LSTAT	0.6400237
## 193	87	3	INDUS RM LSTAT	0.6390126
## 221	88	3	NX RM LSTAT	0.6389061
## 287	89	3	DIS PTRATIO LSTAT	0.6106030
## 277	90	3	AGE PTRATIO LSTAT	0.5976660
## 298	91	3	PTRATIO B LSTAT	0.5976378
## 293	92	3	RAD PTRATIO LSTAT	0.5914149
## 132	93	3	CRIM PTRATIO LSTAT	0.5908752
## 168	94	3	ZN DIS LSTAT	0.5897187
## 296	95	3	TAX PTRATIO LSTAT	0.5892172
## 213	96	3	INDUS PTRATIO LSTAT	0.5890233
## 241	97	3	NX PTRATIO LSTAT	0.5889724
## 177	98	3	ZN PTRATIO LSTAT	0.5889238
## 204	99	3	INDUS DIS LSTAT	0.5792372
## 285	100	3	DIS TAX LSTAT	0.5791017
## 288	101	3	DIS B LSTAT	0.5750689
## 261	102	3	RM PTRATIO B	0.5733776
## 232	103	3	NX DIS LSTAT	0.5711452
## 123	104	3	CRIM DIS LSTAT	0.5709196
## 163	105	3	ZN AGE LSTAT	0.5663982
## 219	106	3	NX RM PTRATIO	0.5649594
## 282	107	3	DIS RAD LSTAT	0.5648700
## 278	108	3	AGE B LSTAT	0.5629318
## 275	109	3	AGE TAX LSTAT	0.5627232
## 110	110	3	CRIM RM PTRATIO	0.5606433
## 178	111	3	ZN B LSTAT	0.5605090
## 291	112	3	RAD TAX LSTAT	0.5596375
## 268	113	3	AGE DIS LSTAT	0.5590223
## 118	114	3	CRIM AGE LSTAT	0.5583997
## 258	115	3	RM TAX PTRATIO	0.5580168
## 297	116	3	TAX B LSTAT	0.5577534
## 199	117	3	INDUS AGE LSTAT	0.5570568
## 175	118	3	ZN TAX LSTAT	0.5568250
## 246	119	3	RM AGE PTRATIO	0.5568111

## 133	120	3	CRIM B LSTAT	0.5567185
## 88	121	3	CRIM ZN LSTAT	0.5564461
## 259	122	3	RM TAX B	0.5554205
## 242	123	3	NX B LSTAT	0.5553047
## 214	124	3	INDUS B LSTAT	0.5549394
## 294	125	3	RAD B LSTAT	0.5544881
## 239	126	3	NX TAX LSTAT	0.5538020
## 130	127	3	CRIM TAX LSTAT	0.5532639
## 227	128	3	NX AGE LSTAT	0.5531492
## 272	129	3	AGE RAD LSTAT	0.5527489
## 247	130	3	RM AGE B	0.5524867
## 211	131	3	INDUS TAX LSTAT	0.5513399
## 150	132	3	ZN NX LSTAT	0.5511933
## 97	133	3	CRIM INDUS LSTAT	0.5507789
## 172	134	3	ZN RAD LSTAT	0.5505805
## 191	135	3	INDUS RM PTRATIO	0.5504856
## 105	136	3	CRIM NX LSTAT	0.5503005
## 142	137	3	ZN INDUS LSTAT	0.5502415
## 127	138	3	CRIM RAD LSTAT	0.5501854
## 192	139	3	INDUS RM B	0.5489440
## 111	140	3	CRIM RM B	0.5478254
## 245	141	3	RM AGE TAX	0.5463786
## 106	142	3	CRIM RM AGE	0.5463394
## 90	143	3	CRIM INDUS RM	0.5463006
## 186	144	3	INDUS NX LSTAT	0.5461237
## 109	145	3	CRIM RM TAX	0.5454643
## 208	146	3	INDUS RAD LSTAT	0.5454127
## 236	147	3	NX RAD LSTAT	0.5446820
## 154	148	3	ZN RM TAX	0.5435256
## 220	149	3	NX RM B	0.5422593
## 255	150	3	RM RAD PTRATIO	0.5412459
## 98	151	3	CRIM NX RM	0.5407858
## 256	152	3	RM RAD B	0.5404433
## 156	153	3	ZN RM B	0.5401725
## 190	154	3	INDUS RM TAX	0.5388453
## 81	155	3	CRIM ZN RM	0.5379337
## 218	156	3	NX RM TAX	0.5375167
## 254	157	3	RM RAD TAX	0.5332878
## 244	158	3	RM AGE RAD	0.5330790
## 250	159	3	RM DIS TAX	0.5326254
## 155	160	3	ZN RM PTRATIO	0.5303161
## 189	161	3	INDUS RM RAD	0.5298485
## 108	162	3	CRIM RM RAD	0.5297542
## 251	163	3	RM DIS PTRATIO	0.5293633
## 252	164	3	RM DIS B	0.5262883
## 187	165	3	INDUS RM AGE	0.5252360
## 217	166	3	NX RM RAD	0.5243004
## 153	167	3	ZN RM RAD	0.5233990
## 107	168	3	CRIM RM DIS	0.5224370
## 179	169	3	INDUS NX RM	0.5199580
## 243	170	3	RM AGE DIS	0.5187160
## 188	171	3	INDUS RM DIS	0.5187119
## 135	172	3	ZN INDUS RM	0.5185763
## 215	173	3	NX RM AGE	0.5180224

## 151	174	3	ZN RM AGE	0.5142036
## 216	175	3	NX RM DIS	0.5134493
## 143	176	3	ZN NX RM	0.5128331
## 249	177	3	RM DIS RAD	0.5117911
## 152	178	3	ZN RM DIS	0.4871688
## 230	179	3	NX DIS PTRATIO	0.3844153
## 240	180	3	NX PTRATIO B	0.3742752
## 103	181	3	CRIM NX PTRATIO	0.3707142
## 212	182	3	INDUS PTRATIO B	0.3666855
## 184	183	3	INDUS NX PTRATIO	0.3640101
## 95	184	3	CRIM INDUS PTRATIO	0.3635017
## 237	185	3	NX TAX PTRATIO	0.3579890
## 234	186	3	NX RAD PTRATIO	0.3563494
## 225	187	3	NX AGE PTRATIO	0.3544337
## 148	188	3	ZN NX PTRATIO	0.3543156
## 202	189	3	INDUS DIS PTRATIO	0.3490652
## 209	190	3	INDUS TAX PTRATIO	0.3477096
## 197	191	3	INDUS AGE PTRATIO	0.3462812
## 276	192	3	AGE PTRATIO B	0.3438896
## 140	193	3	ZN INDUS PTRATIO	0.3425700
## 206	194	3	INDUS RAD PTRATIO	0.3391022
## 116	195	3	CRIM AGE PTRATIO	0.3348673
## 273	196	3	AGE TAX PTRATIO	0.3328709
## 295	197	3	TAX PTRATIO B	0.3298996
## 289	198	3	RAD TAX PTRATIO	0.3297984
## 173	199	3	ZN TAX PTRATIO	0.3297737
## 176	200	3	ZN PTRATIO B	0.3240741
## 131	201	3	CRIM PTRATIO B	0.3214873
## 86	202	3	CRIM ZN PTRATIO	0.3214855
## 128	203	3	CRIM TAX PTRATIO	0.3183126
## 79	204	3	CRIM ZN INDUS	0.3171013
## 92	205	3	CRIM INDUS DIS	0.3159151
## 137	206	3	ZN INDUS DIS	0.3131461
## 139	207	3	ZN INDUS TAX	0.3082721
## 266	208	3	AGE DIS PTRATIO	0.3076569
## 96	209	3	CRIM INDUS B	0.3068309
## 270	210	3	AGE RAD PTRATIO	0.3066585
## 161	211	3	ZN AGE PTRATIO	0.3065013
## 141	212	3	ZN INDUS B	0.3058496
## 286	213	3	DIS PTRATIO B	0.3057531
## 283	214	3	DIS TAX PTRATIO	0.3043881
## 174	215	3	ZN TAX B	0.3031165
## 165	216	3	ZN DIS TAX	0.3023169
## 169	217	3	ZN RAD TAX	0.3020049
## 94	218	3	CRIM INDUS TAX	0.3010991
## 85	219	3	CRIM ZN TAX	0.3007373
## 292	220	3	RAD PTRATIO B	0.3001492
## 203	221	3	INDUS DIS B	0.2989121
## 194	222	3	INDUS AGE DIS	0.2986120
## 210	223	3	INDUS TAX B	0.2985275
## 91	224	3	CRIM INDUS AGE	0.2982896
## 89	225	3	CRIM INDUS NX	0.2978050
## 201	226	3	INDUS DIS TAX	0.2976856
## 121	227	3	CRIM DIS PTRATIO	0.2976362

## 181	228	3	INDUS NX DIS	0.2945699
## 93	229	3	CRIM INDUS RAD	0.2945422
## 125	230	3	CRIM RAD PTRATIO	0.2913137
## 147	231	3	ZN NX TAX	0.2898040
## 198	232	3	INDUS AGE B	0.2890876
## 160	233	3	ZN AGE TAX	0.2890004
## 138	234	3	ZN INDUS RAD	0.2867391
## 207	235	3	INDUS RAD B	0.2866725
## 185	236	3	INDUS NX B	0.2866150
## 196	237	3	INDUS AGE TAX	0.2865131
## 205	238	3	INDUS RAD TAX	0.2853331
## 170	239	3	ZN RAD PTRATIO	0.2849096
## 183	240	3	INDUS NX TAX	0.2835790
## 200	241	3	INDUS DIS RAD	0.2826624
## 80	242	3	CRIM ZN NX	0.2803952
## 134	243	3	ZN INDUS NX	0.2780511
## 136	244	3	ZN INDUS AGE	0.2759105
## 87	245	3	CRIM ZN B	0.2747827
## 195	246	3	INDUS AGE RAD	0.2705504
## 274	247	3	AGE TAX B	0.2703095
## 182	248	3	INDUS NX RAD	0.2689467
## 166	249	3	ZN DIS PTRATIO	0.2687260
## 115	250	3	CRIM AGE TAX	0.2660783
## 82	251	3	CRIM ZN AGE	0.2653880
## 102	252	3	CRIM NX TAX	0.2653731
## 265	253	3	AGE DIS TAX	0.2651336
## 238	254	3	NX TAX B	0.2641304
## 280	255	3	DIS RAD PTRATIO	0.2641075
## 149	256	3	ZN NX B	0.2638451
## 269	257	3	AGE RAD TAX	0.2636230
## 180	258	3	INDUS NX AGE	0.2628838
## 233	259	3	NX RAD TAX	0.2609003
## 124	260	3	CRIM RAD TAX	0.2599682
## 145	261	3	ZN NX DIS	0.2597724
## 229	262	3	NX DIS TAX	0.2587216
## 224	263	3	NX AGE TAX	0.2578384
## 84	264	3	CRIM ZN RAD	0.2569602
## 104	265	3	CRIM NX B	0.2563594
## 290	266	3	RAD TAX B	0.2558976
## 100	267	3	CRIM NX DIS	0.2551273
## 171	268	3	ZN RAD B	0.2536475
## 83	269	3	CRIM ZN DIS	0.2527890
## 162	270	3	ZN AGE B	0.2519165
## 99	271	3	CRIM NX AGE	0.2505051
## 129	272	3	CRIM TAX B	0.2481627
## 117	273	3	CRIM AGE B	0.2479533
## 146	274	3	ZN NX RAD	0.2474293
## 101	275	3	CRIM NX RAD	0.2432486
## 284	276	3	DIS TAX B	0.2388973
## 159	277	3	ZN AGE RAD	0.2374185
## 226	278	3	NX AGE B	0.2370158
## 120	279	3	CRIM DIS TAX	0.2345145
## 235	280	3	NX RAD B	0.2334436
## 231	281	3	NX DIS B	0.2316433

## 271	282	3	AGE RAD B	0.2313908
## 113	283	3	CRIM AGE DIS	0.2307422
## 114	284	3	CRIM AGE RAD	0.2305826
## 279	285	3	DIS RAD TAX	0.2296567
## 144	286	3	ZN NX AGE	0.2289840
## 167	287	3	ZN DIS B	0.2280321
## 164	288	3	ZN DIS RAD	0.2246120
## 222	289	3	NX AGE DIS	0.2229561
## 223	290	3	NX AGE RAD	0.2213328
## 228	291	3	NX DIS RAD	0.2196183
## 267	292	3	AGE DIS B	0.2171420
## 264	293	3	AGE DIS RAD	0.2089692
## 158	294	3	ZN AGE DIS	0.2086694
## 122	295	3	CRIM DIS B	0.1984712
## 126	296	3	CRIM RAD B	0.1970564
## 281	297	3	DIS RAD B	0.1840212
## 119	298	3	CRIM DIS RAD	0.1829320
## 747	299	4	RM DIS PTRATIO LSTAT	0.6798145
## 758	300	4	RM PTRATIO B LSTAT	0.6783994
## 748	301	4	RM DIS B LSTAT	0.6706196
## 427	302	4	CRIM RM PTRATIO LSTAT	0.6691821
## 737	303	4	RM AGE PTRATIO LSTAT	0.6670363
## 745	304	4	RM DIS TAX LSTAT	0.6668923
## 756	305	4	RM TAX PTRATIO LSTAT	0.6659870
## 631	306	4	INDUS RM PTRATIO LSTAT	0.6656285
## 547	307	4	ZN RM PTRATIO LSTAT	0.6650680
## 753	308	4	RM RAD PTRATIO LSTAT	0.6649100
## 687	309	4	NX RM PTRATIO LSTAT	0.6648550
## 418	310	4	CRIM RM DIS LSTAT	0.6635148
## 538	311	4	ZN RM DIS LSTAT	0.6625001
## 428	312	4	CRIM RM B LSTAT	0.6581467
## 678	313	4	NX RM DIS LSTAT	0.6579824
## 742	314	4	RM DIS RAD LSTAT	0.6576640
## 622	315	4	INDUS RM DIS LSTAT	0.6576549
## 757	316	4	RM TAX B LSTAT	0.6574657
## 738	317	4	RM AGE B LSTAT	0.6571908
## 688	318	4	NX RM B LSTAT	0.6564114
## 548	319	4	ZN RM B LSTAT	0.6562599
## 632	320	4	INDUS RM B LSTAT	0.6554992
## 754	321	4	RM RAD B LSTAT	0.6553125
## 728	322	4	RM AGE DIS LSTAT	0.6516864
## 425	323	4	CRIM RM TAX LSTAT	0.6502455
## 413	324	4	CRIM RM AGE LSTAT	0.6499189
## 735	325	4	RM AGE TAX LSTAT	0.6497911
## 322	326	4	CRIM ZN RM LSTAT	0.6492739
## 685	327	4	NX RM TAX LSTAT	0.6488690
## 751	328	4	RM RAD TAX LSTAT	0.6488195
## 386	329	4	CRIM NX RM LSTAT	0.6483965
## 629	330	4	INDUS RM TAX LSTAT	0.6482108
## 358	331	4	CRIM INDUS RM LSTAT	0.6480186
## 422	332	4	CRIM RM RAD LSTAT	0.6479789
## 545	333	4	ZN RM TAX LSTAT	0.6475099
## 732	334	4	RM AGE RAD LSTAT	0.6438521
## 533	335	4	ZN RM AGE LSTAT	0.6436456

## 542	336	4	ZN RM RAD LSTAT	0.6427509
## 682	337	4	NX RM RAD LSTAT	0.6424159
## 626	338	4	INDUS RM RAD LSTAT	0.6418608
## 617	339	4	INDUS RM AGE LSTAT	0.6408141
## 506	340	4	ZN NX RM LSTAT	0.6406732
## 673	341	4	NX RM AGE LSTAT	0.6405501
## 478	342	4	ZN INDUS RM LSTAT	0.6404192
## 590	343	4	INDUS NX RM LSTAT	0.6390938
## 712	344	4	NX DIS PTRATIO LSTAT	0.6328927
## 788	345	4	DIS PTRATIO B LSTAT	0.6243007
## 572	346	4	ZN DIS PTRATIO LSTAT	0.6207321
## 656	347	4	INDUS DIS PTRATIO LSTAT	0.6187435
## 452	348	4	CRIM DIS PTRATIO LSTAT	0.6160062
## 570	349	4	ZN DIS TAX LSTAT	0.6159526
## 786	350	4	DIS TAX PTRATIO LSTAT	0.6157431
## 783	351	4	DIS RAD PTRATIO LSTAT	0.6106467
## 767	352	4	AGE DIS PTRATIO LSTAT	0.6106210
## 778	353	4	AGE PTRATIO B LSTAT	0.6081453
## 573	354	4	ZN DIS B LSTAT	0.6078505
## 489	355	4	ZN INDUS DIS LSTAT	0.6066809
## 792	356	4	RAD PTRATIO B LSTAT	0.6059715
## 333	357	4	CRIM ZN DIS LSTAT	0.6058913
## 790	358	4	RAD TAX PTRATIO LSTAT	0.6053386
## 702	359	4	NX AGE PTRATIO LSTAT	0.6040590
## 517	360	4	ZN NX DIS LSTAT	0.6014471
## 442	361	4	CRIM AGE PTRATIO LSTAT	0.6006916
## 562	362	4	ZN AGE PTRATIO LSTAT	0.6003595
## 776	363	4	AGE TAX PTRATIO LSTAT	0.5994334
## 458	364	4	CRIM RAD PTRATIO LSTAT	0.5987315
## 773	365	4	AGE RAD PTRATIO LSTAT	0.5986301
## 646	366	4	INDUS AGE PTRATIO LSTAT	0.5985558
## 667	367	4	INDUS PTRATIO B LSTAT	0.5985465
## 723	368	4	NX PTRATIO B LSTAT	0.5978396
## 793	369	4	TAX PTRATIO B LSTAT	0.5978313
## 463	370	4	CRIM PTRATIO B LSTAT	0.5978050
## 583	371	4	ZN PTRATIO B LSTAT	0.5976604
## 567	372	4	ZN DIS RAD LSTAT	0.5968171
## 718	373	4	NX RAD PTRATIO LSTAT	0.5928847
## 578	374	4	ZN RAD PTRATIO LSTAT	0.5914636
## 662	375	4	INDUS RAD PTRATIO LSTAT	0.5914239
## 378	376	4	CRIM INDUS PTRATIO LSTAT	0.5912082
## 657	377	4	INDUS DIS B LSTAT	0.5911783
## 342	378	4	CRIM ZN PTRATIO LSTAT	0.5909576
## 461	379	4	CRIM TAX PTRATIO LSTAT	0.5908791
## 406	380	4	CRIM NX PTRATIO LSTAT	0.5908754
## 736	381	4	RM AGE PTRATIO B	0.5904846
## 553	382	4	ZN AGE DIS LSTAT	0.5900317
## 686	383	4	NX RM PTRATIO B	0.5899879
## 665	384	4	INDUS TAX PTRATIO LSTAT	0.5897814
## 610	385	4	INDUS NX PTRATIO LSTAT	0.5895360
## 581	386	4	ZN TAX PTRATIO LSTAT	0.5892760
## 369	387	4	CRIM INDUS DIS LSTAT	0.5892471
## 721	388	4	NX TAX PTRATIO LSTAT	0.5892174
## 498	389	4	ZN INDUS PTRATIO LSTAT	0.5891504

## 526	390	4	ZN NX PTRATIO LSTAT	0.5889838
## 654	391	4	INDUS DIS TAX LSTAT	0.5876347
## 787	392	4	DIS TAX B LSTAT	0.5867613
## 781	393	4	DIS RAD TAX LSTAT	0.5866160
## 426	394	4	CRIM RM PTRATIO B	0.5849448
## 601	395	4	INDUS NX DIS LSTAT	0.5836773
## 710	396	4	NX DIS TAX LSTAT	0.5833795
## 755	397	4	RM TAX PTRATIO B	0.5832586
## 676	398	4	NX RM DIS PTRATIO	0.5831334
## 630	399	4	INDUS RM PTRATIO B	0.5826944
## 713	400	4	NX DIS B LSTAT	0.5825796
## 450	401	4	CRIM DIS TAX LSTAT	0.5817119
## 651	402	4	INDUS DIS RAD LSTAT	0.5812118
## 397	403	4	CRIM NX DIS LSTAT	0.5810689
## 384	404	4	CRIM NX RM PTRATIO	0.5809791
## 453	405	4	CRIM DIS B LSTAT	0.5801121
## 560	406	4	ZN AGE TAX LSTAT	0.5793217
## 637	407	4	INDUS AGE DIS LSTAT	0.5792849
## 563	408	4	ZN AGE B LSTAT	0.5791479
## 765	409	4	AGE DIS TAX LSTAT	0.5791052
## 411	410	4	CRIM RM AGE PTRATIO	0.5779606
## 784	411	4	DIS RAD B LSTAT	0.5763786
## 546	412	4	ZN RM PTRATIO B	0.5756594
## 328	413	4	CRIM ZN AGE LSTAT	0.5754638
## 768	414	4	AGE DIS B LSTAT	0.5750762
## 752	415	4	RM RAD PTRATIO B	0.5746140
## 746	416	4	RM DIS PTRATIO B	0.5734137
## 707	417	4	NX DIS RAD LSTAT	0.5732797
## 356	418	4	CRIM INDUS RM PTRATIO	0.5728338
## 693	419	4	NX AGE DIS LSTAT	0.5719011
## 447	420	4	CRIM DIS RAD LSTAT	0.5713864
## 733	421	4	RM AGE TAX PTRATIO	0.5709479
## 433	422	4	CRIM AGE DIS LSTAT	0.5709329
## 771	423	4	AGE RAD TAX LSTAT	0.5707110
## 683	424	4	NX RM TAX PTRATIO	0.5703685
## 423	425	4	CRIM RM TAX PTRATIO	0.5699049
## 484	426	4	ZN INDUS AGE LSTAT	0.5696590
## 777	427	4	AGE TAX B LSTAT	0.5693547
## 791	428	4	RAD TAX B LSTAT	0.5686264
## 557	429	4	ZN AGE RAD LSTAT	0.5685993
## 512	430	4	ZN NX AGE LSTAT	0.5677129
## 671	431	4	NX RM AGE PTRATIO	0.5674673
## 726	432	4	RM AGE DIS PTRATIO	0.5674169
## 647	433	4	INDUS AGE B LSTAT	0.5672236
## 734	434	4	RM AGE TAX B	0.5671713
## 576	435	4	ZN RAD TAX LSTAT	0.5666079
## 412	436	4	CRIM RM AGE B	0.5665650
## 443	437	4	CRIM AGE B LSTAT	0.5660453
## 456	438	4	CRIM RAD TAX LSTAT	0.5657516
## 504	439	4	ZN NX RM PTRATIO	0.5655757
## 588	440	4	INDUS NX RM PTRATIO	0.5654124
## 727	441	4	RM AGE DIS B	0.5653826
## 725	442	4	RM AGE DIS TAX	0.5653727
## 680	443	4	NX RM RAD PTRATIO	0.5651789

## 544	444	4	ZN RM TAX B 0.5649912
## 762	445	4	AGE DIS RAD LSTAT 0.5648701
## 440	446	4	CRIM AGE TAX LSTAT 0.5646447
## 320	447	4	CRIM ZN RM PTRATIO 0.5643162
## 527	448	4	ZN NX B LSTAT 0.5642538
## 644	449	4	INDUS AGE TAX LSTAT 0.5639819
## 703	450	4	NX AGE B LSTAT 0.5638064
## 364	451	4	CRIM INDUS AGE LSTAT 0.5636451
## 357	452	4	CRIM INDUS RM B 0.5635843
## 524	453	4	ZN NX TAX LSTAT 0.5635291
## 774	454	4	AGE RAD B LSTAT 0.5631091
## 582	455	4	ZN TAX B LSTAT 0.5631068
## 700	456	4	NX AGE TAX LSTAT 0.5628225
## 343	457	4	CRIM ZN B LSTAT 0.5627108
## 749	458	4	RM RAD TAX PTRATIO 0.5625536
## 627	459	4	INDUS RM TAX PTRATIO 0.5624151
## 716	460	4	NX RAD TAX LSTAT 0.5619820
## 424	461	4	CRIM RM TAX B 0.5618195
## 722	462	4	NX TAX B LSTAT 0.5612296
## 730	463	4	RM AGE RAD PTRATIO 0.5612051
## 543	464	4	ZN RM TAX PTRATIO 0.5611680
## 615	465	4	INDUS RM AGE PTRATIO 0.5611130
## 420	466	4	CRIM RM RAD PTRATIO 0.5609518
## 321	467	4	CRIM ZN RM B 0.5607838
## 579	468	4	ZN RAD B LSTAT 0.5607343
## 408	469	4	CRIM RM AGE DIS 0.5606749
## 416	470	4	CRIM RM DIS PTRATIO 0.5606627
## 499	471	4	ZN INDUS B LSTAT 0.5605471
## 660	472	4	INDUS RAD TAX LSTAT 0.5601712
## 628	473	4	INDUS RM TAX B 0.5601558
## 392	474	4	CRIM NX AGE LSTAT 0.5601403
## 315	475	4	CRIM ZN NX LSTAT 0.5590524
## 340	476	4	CRIM ZN TAX LSTAT 0.5589459
## 743	477	4	RM DIS TAX PTRATIO 0.5585171
## 462	478	4	CRIM TAX B LSTAT 0.5584448
## 750	479	4	RM RAD TAX B 0.5584324
## 437	480	4	CRIM AGE RAD LSTAT 0.5584053
## 385	481	4	CRIM NX RM B 0.5581009
## 731	482	4	RM AGE RAD B 0.5580794
## 496	483	4	ZN INDUS TAX LSTAT 0.5579643
## 407	484	4	CRIM NX B LSTAT 0.5579546
## 684	485	4	NX RM TAX B 0.5579348
## 641	486	4	INDUS AGE RAD LSTAT 0.5578459
## 459	487	4	CRIM RAD B LSTAT 0.5578217
## 666	488	4	INDUS TAX B LSTAT 0.5577988
## 410	489	4	CRIM RM AGE TAX 0.5577830
## 616	490	4	INDUS RM AGE B 0.5577645
## 611	491	4	INDUS NX B LSTAT 0.5575075
## 596	492	4	INDUS NX AGE LSTAT 0.5574131
## 531	493	4	ZN RM AGE PTRATIO 0.5572164
## 337	494	4	CRIM ZN RAD LSTAT 0.5571558
## 379	495	4	CRIM INDUS B LSTAT 0.5570012
## 744	496	4	RM DIS TAX B 0.5564788
## 307	497	4	CRIM ZN INDUS LSTAT 0.5564462

## 319	498	4	CRIM ZN RM TAX	0.5562946
## 353	499	4	CRIM INDUS RM DIS	0.5557317
## 404	500	4	CRIM NX TAX LSTAT	0.5555989
## 621	501	4	INDUS RM DIS B	0.5553783
## 719	502	4	NX RAD B LSTAT	0.5553353
## 663	503	4	INDUS RAD B LSTAT	0.5551103
## 532	504	4	ZN RM AGE B	0.5548011
## 620	505	4	INDUS RM DIS PTRATIO	0.5545023
## 624	506	4	INDUS RM RAD PTRATIO	0.5544727
## 697	507	4	NX AGE RAD LSTAT	0.5543329
## 608	508	4	INDUS NX TAX LSTAT	0.5542299
## 535	509	4	ZN RM DIS TAX	0.5534859
## 477	510	4	ZN INDUS RM B	0.5534041
## 625	511	4	INDUS RM RAD B	0.5533431
## 376	512	4	CRIM INDUS TAX LSTAT	0.5532639
## 672	513	4	NX RM AGE B	0.5531427
## 352	514	4	CRIM INDUS RM AGE	0.5530554
## 521	515	4	ZN NX RAD LSTAT	0.5527555
## 355	516	4	CRIM INDUS RM TAX	0.5527045
## 351	517	4	CRIM INDUS NX LSTAT	0.5526071
## 471	518	4	ZN INDUS NX LSTAT	0.5525558
## 373	519	4	CRIM INDUS RAD LSTAT	0.5514456
## 300	520	4	CRIM ZN INDUS RM	0.5509946
## 541	521	4	ZN RM RAD B	0.5509177
## 419	522	4	CRIM RM RAD TAX	0.5509135
## 476	523	4	ZN INDUS RM PTRATIO	0.5506439
## 493	524	4	ZN INDUS RAD LSTAT	0.5506163
## 421	525	4	CRIM RM RAD B	0.5506044
## 589	526	4	INDUS NX RM B	0.5505323
## 381	527	4	CRIM NX RM DIS	0.5505047
## 401	528	4	CRIM NX RAD LSTAT	0.5503758
## 383	529	4	CRIM NX RM TAX	0.5503514
## 316	530	4	CRIM ZN RM AGE	0.5494990
## 530	531	4	ZN RM AGE TAX	0.5494623
## 612	532	4	INDUS RM AGE DIS	0.5489651
## 409	533	4	CRIM RM AGE RAD	0.5486048
## 344	534	4	CRIM INDUS NX RM	0.5483922
## 724	535	4	RM AGE DIS RAD	0.5482672
## 380	536	4	CRIM NX RM AGE	0.5482411
## 505	537	4	ZN NX RM B	0.5480201
## 677	538	4	NX RM DIS B	0.5479679
## 417	539	4	CRIM RM DIS B	0.5478666
## 681	540	4	NX RM RAD B	0.5478026
## 729	541	4	RM AGE RAD TAX	0.5475576
## 354	542	4	CRIM INDUS RM RAD	0.5471660
## 614	543	4	INDUS RM AGE TAX	0.5471099
## 605	544	4	INDUS NX RAD LSTAT	0.5469831
## 308	545	4	CRIM ZN NX RM	0.5465077
## 670	546	4	NX RM AGE TAX	0.5463812
## 415	547	4	CRIM RM DIS TAX	0.5463728
## 539	548	4	ZN RM RAD TAX	0.5456651
## 675	549	4	NX RM DIS TAX	0.5455095
## 619	550	4	INDUS RM DIS TAX	0.5454974
## 475	551	4	ZN INDUS RM TAX	0.5453215

	ZN NX RM TAX	0.5445418
ZN RM RAD PTRATIO		0.5445320
CRIM ZN RM RAD		0.5422622
CRIM NX RM RAD		0.5418942
ZN RM DIS B		0.5414144
RM DIS RAD PTRATIO		0.5413739
CRIM ZN RM DIS		0.5410731
RM DIS RAD B		0.5404511
INDUS NX RM TAX		0.5400557
INDUS RM RAD TAX		0.5392422
NX RM RAD TAX		0.5387089
INDUS RM AGE RAD		0.5377973
INDUS RM DIS RAD		0.5374740
NX RM AGE DIS		0.5370272
INDUS NX RM DIS		0.5351447
ZN RM AGE RAD		0.5350603
ZN INDUS RM RAD		0.5337661
NX RM AGE RAD		0.5336776
RM DIS RAD TAX		0.5336369
NX RM DIS RAD		0.5315565
INDUS NX RM RAD		0.5314846
ZN RM DIS PTRATIO		0.5310246
ZN INDUS RM DIS		0.5305633
CRIM RM DIS RAD		0.5297576
ZN NX RM RAD		0.5292588
ZN NX RM DIS		0.5269345
ZN RM DIS RAD		0.5267482
ZN RM AGE DIS		0.5265644
ZN INDUS RM AGE		0.5262117
INDUS NX RM AGE		0.5259895
ZN INDUS NX RM		0.5225347
ZN NX RM AGE		0.5196898
INDUS NX DIS PTRATIO		0.4087375
CRIM NX DIS PTRATIO		0.4046413
NX DIS PTRATIO B		0.4036207
NX AGE DIS PTRATIO		0.3964974
ZN NX DIS PTRATIO		0.3930222
CRIM NX RAD PTRATIO		0.3884393
NX DIS TAX PTRATIO		0.3879401
NX DIS RAD PTRATIO		0.3873605
NX RAD TAX PTRATIO		0.3865811
NX RAD PTRATIO B		0.3832814
INDUS NX PTRATIO B		0.3827319
CRIM NX PTRATIO B		0.3820440
CRIM INDUS DIS PTRATIO		0.3800791
CRIM INDUS NX PTRATIO		0.3797298
INDUS AGE DIS PTRATIO		0.3797230
INDUS DIS PTRATIO B		0.3795729
CRIM INDUS PTRATIO B		0.3777180
ZN NX PTRATIO B		0.3752543
NX AGE PTRATIO B		0.3750733
NX TAX PTRATIO B		0.3750518
CRIM ZN INDUS DIS		0.3727934
INDUS AGE PTRATIO B		0.3725211

## 313	606	4	CRIM ZN NX PTRATIO	0.3721043
## 390	607	4	CRIM NX AGE PTRATIO	0.3710468
## 497	608	4	ZN INDUS PTRATIO B	0.3708148
## 402	609	4	CRIM NX TAX PTRATIO	0.3708146
## 371	610	4	CRIM INDUS RAD PTRATIO	0.3699519
## 664	611	4	INDUS TAX PTRATIO B	0.3688042
## 305	612	4	CRIM ZN INDUS PTRATIO	0.3685756
## 661	613	4	INDUS RAD PTRATIO B	0.3685173
## 362	614	4	CRIM INDUS AGE PTRATIO	0.3679186
## 603	615	4	INDUS NX RAD PTRATIO	0.3665421
## 789	616	4	RAD TAX PTRATIO B	0.3657826
## 606	617	4	INDUS NX TAX PTRATIO	0.3657238
## 487	618	4	ZN INDUS DIS PTRATIO	0.3642532
## 469	619	4	ZN INDUS NX PTRATIO	0.3641721
## 374	620	4	CRIM INDUS TAX PTRATIO	0.3640941
## 594	621	4	INDUS NX AGE PTRATIO	0.3640593
## 454	622	4	CRIM RAD TAX PTRATIO	0.3630798
## 658	623	4	INDUS RAD TAX PTRATIO	0.3616625
## 652	624	4	INDUS DIS TAX PTRATIO	0.3601205
## 522	625	4	ZN NX TAX PTRATIO	0.3596185
## 698	626	4	NX AGE TAX PTRATIO	0.3586757
## 769	627	4	AGE RAD TAX PTRATIO	0.3585902
## 486	628	4	ZN INDUS DIS TAX	0.3583757
## 574	629	4	ZN RAD TAX PTRATIO	0.3572369
## 695	630	4	NX AGE RAD PTRATIO	0.3566907
## 441	631	4	CRIM AGE PTRATIO B	0.3564622
## 519	632	4	ZN NX RAD PTRATIO	0.3564082
## 775	633	4	AGE TAX PTRATIO B	0.3556049
## 510	634	4	ZN NX AGE PTRATIO	0.3546338
## 494	635	4	ZN INDUS TAX PTRATIO	0.3541119
## 642	636	4	INDUS AGE TAX PTRATIO	0.3537846
## 766	637	4	AGE DIS PTRATIO B	0.3536225
## 580	638	4	ZN TAX PTRATIO B	0.3526551
## 488	639	4	ZN INDUS DIS B	0.3506814
## 649	640	4	INDUS DIS RAD PTRATIO	0.3503632
## 561	641	4	ZN AGE PTRATIO B	0.3479632
## 482	642	4	ZN INDUS AGE PTRATIO	0.3473456
## 763	643	4	AGE DIS TAX PTRATIO	0.3468502
## 341	644	4	CRIM ZN PTRATIO B	0.3467081
## 639	645	4	INDUS AGE RAD PTRATIO	0.3463101
## 359	646	4	CRIM INDUS AGE DIS	0.3456143
## 431	647	4	CRIM AGE DIS PTRATIO	0.3453486
## 438	648	4	CRIM AGE TAX PTRATIO	0.3449731
## 338	649	4	CRIM ZN TAX PTRATIO	0.3442247
## 772	650	4	AGE RAD PTRATIO B	0.3441182
## 491	651	4	ZN INDUS RAD PTRATIO	0.3430974
## 466	652	4	ZN INDUS NX DIS	0.3425288
## 326	653	4	CRIM ZN AGE PTRATIO	0.3410263
## 558	654	4	ZN AGE TAX PTRATIO	0.3403800
## 346	655	4	CRIM INDUS NX DIS	0.3378240
## 479	656	4	ZN INDUS AGE DIS	0.3377311
## 568	657	4	ZN DIS TAX PTRATIO	0.3372165
## 460	658	4	CRIM TAX PTRATIO B	0.3370307
## 435	659	4	CRIM AGE RAD PTRATIO	0.3366952

## 514	660	4	ZN NX DIS TAX	0.3342431
## 334	661	4	CRIM ZN RAD TAX	0.3341429
## 485	662	4	ZN INDUS DIS RAD	0.3338358
## 550	663	4	ZN AGE DIS TAX	0.3326050
## 636	664	4	INDUS AGE DIS B	0.3309652
## 779	665	4	DIS RAD TAX PTRATIO	0.3308734
## 785	666	4	DIS TAX PTRATIO B	0.3302244
## 306	667	4	CRIM ZN INDUS B	0.3295572
## 368	668	4	CRIM INDUS DIS B	0.3287578
## 634	669	4	INDUS AGE DIS TAX	0.3281794
## 310	670	4	CRIM ZN NX DIS	0.3274075
## 575	671	4	ZN RAD TAX B	0.3267073
## 304	672	4	CRIM ZN INDUS TAX	0.3261850
## 577	673	4	ZN RAD PTRATIO B	0.3256429
## 495	674	4	ZN INDUS TAX B	0.3246392
## 451	675	4	CRIM DIS PTRATIO B	0.3244578
## 571	676	4	ZN DIS PTRATIO B	0.3241165
## 569	677	4	ZN DIS TAX B	0.3236355
## 366	678	4	CRIM INDUS DIS TAX	0.3227823
## 457	679	4	CRIM RAD PTRATIO B	0.3226097
## 331	680	4	CRIM ZN DIS PTRATIO	0.3224078
## 330	681	4	CRIM ZN DIS TAX	0.3223402
## 564	682	4	ZN DIS RAD TAX	0.3215439
## 335	683	4	CRIM ZN RAD PTRATIO	0.3214898
## 448	684	4	CRIM DIS TAX PTRATIO	0.3187393
## 600	685	4	INDUS NX DIS B	0.3186074
## 299	686	4	CRIM ZN INDUS NX	0.3176625
## 490	687	4	ZN INDUS RAD TAX	0.3175827
## 301	688	4	CRIM ZN INDUS AGE	0.3172014
## 303	689	4	CRIM ZN INDUS RAD	0.3171359
## 551	690	4	ZN AGE DIS PTRATIO	0.3165692
## 653	691	4	INDUS DIS TAX B	0.3165201
## 365	692	4	CRIM INDUS DIS RAD	0.3160398
## 598	693	4	INDUS NX DIS TAX	0.3143698
## 760	694	4	AGE DIS RAD PTRATIO	0.3142184
## 370	695	4	CRIM INDUS RAD TAX	0.3141314
## 591	696	4	INDUS NX AGE DIS	0.3140388
## 633	697	4	INDUS AGE DIS RAD	0.3137788
## 339	698	4	CRIM ZN TAX B	0.3126329
## 555	699	4	ZN AGE RAD PTRATIO	0.3113608
## 375	700	4	CRIM INDUS TAX B	0.3109758
## 363	701	4	CRIM INDUS AGE B	0.3103518
## 492	702	4	ZN INDUS RAD B	0.3088206
## 350	703	4	CRIM INDUS NX B	0.3085306
## 481	704	4	ZN INDUS AGE TAX	0.3085045
## 468	705	4	ZN INDUS NX TAX	0.3083053
## 372	706	4	CRIM INDUS RAD B	0.3072721
## 559	707	4	ZN AGE TAX B	0.3069159
## 518	708	4	ZN NX RAD TAX	0.3067579
## 483	709	4	ZN INDUS AGE B	0.3065673
## 470	710	4	ZN INDUS NX B	0.3064620
## 523	711	4	ZN NX TAX B	0.3062012
## 782	712	4	DIS RAD PTRATIO B	0.3061512
## 659	713	4	INDUS RAD TAX B	0.3058589

## 554	714	4	ZN AGE RAD TAX	0.3058568
## 312	715	4	CRIM ZN NX TAX	0.3058504
## 650	716	4	INDUS DIS RAD B	0.3048387
## 361	717	4	CRIM INDUS AGE TAX	0.3045288
## 325	718	4	CRIM ZN AGE TAX	0.3042839
## 597	719	4	INDUS NX DIS RAD	0.3030787
## 643	720	4	INDUS AGE TAX B	0.3030683
## 348	721	4	CRIM INDUS NX TAX	0.3027420
## 648	722	4	INDUS DIS RAD TAX	0.2996151
## 607	723	4	INDUS NX TAX B	0.2995006
## 345	724	4	CRIM INDUS NX AGE	0.2992793
## 360	725	4	CRIM INDUS AGE RAD	0.2983191
## 516	726	4	ZN NX DIS B	0.2981208
## 347	727	4	CRIM INDUS NX RAD	0.2980396
## 445	728	4	CRIM DIS RAD PTRATIO	0.2977912
## 314	729	4	CRIM ZN NX B	0.2951476
## 323	730	4	CRIM ZN AGE DIS	0.2945167
## 638	731	4	INDUS AGE RAD TAX	0.2916444
## 640	732	4	INDUS AGE RAD B	0.2915892
## 398	733	4	CRIM NX RAD TAX	0.2913295
## 434	734	4	CRIM AGE RAD TAX	0.2910258
## 509	735	4	ZN NX AGE TAX	0.2910029
## 595	736	4	INDUS NX AGE B	0.2896498
## 604	737	4	INDUS NX RAD B	0.2887080
## 602	738	4	INDUS NX RAD TAX	0.2885051
## 770	739	4	AGE RAD TAX B	0.2878000
## 467	740	4	ZN INDUS NX RAD	0.2875443
## 480	741	4	ZN INDUS AGE RAD	0.2873200
## 327	742	4	CRIM ZN AGE B	0.2870290
## 593	743	4	INDUS NX AGE TAX	0.2867094
## 764	744	4	AGE DIS TAX B	0.2858118
## 513	745	4	ZN NX DIS RAD	0.2852052
## 690	746	4	NX AGE DIS TAX	0.2850813
## 565	747	4	ZN DIS RAD PTRATIO	0.2849722
## 430	748	4	CRIM AGE DIS TAX	0.2816901
## 715	749	4	NX RAD TAX B	0.2813039
## 309	750	4	CRIM ZN NX AGE	0.2812070
## 332	751	4	CRIM ZN DIS B	0.2809719
## 311	752	4	CRIM ZN NX RAD	0.2807500
## 387	753	4	CRIM NX AGE DIS	0.2796583
## 439	754	4	CRIM AGE TAX B	0.2785888
## 394	755	4	CRIM NX DIS TAX	0.2785167
## 465	756	4	ZN INDUS NX AGE	0.2782093
## 455	757	4	CRIM RAD TAX B	0.2776966
## 336	758	4	CRIM ZN RAD B	0.2774464
## 759	759	4	AGE DIS RAD TAX	0.2769538
## 507	760	4	ZN NX AGE DIS	0.2765058
## 403	761	4	CRIM NX TAX B	0.2746641
## 699	762	4	NX AGE TAX B	0.2742818
## 552	763	4	ZN AGE DIS B	0.2742622
## 709	764	4	NX DIS TAX B	0.2738952
## 389	765	4	CRIM NX AGE TAX	0.2730720
## 520	766	4	ZN NX RAD B	0.2717338
## 592	767	4	INDUS NX AGE RAD	0.2714117

## 704	768	4	NX DIS RAD TAX	0.2707848
## 694	769	4	NX AGE RAD TAX	0.2702243
## 324	770	4	CRIM ZN AGE RAD	0.2691356
## 396	771	4	CRIM NX DIS B	0.2676715
## 556	772	4	ZN AGE RAD B	0.2668205
## 511	773	4	ZN NX AGE B	0.2664571
## 549	774	4	ZN AGE DIS RAD	0.2655640
## 391	775	4	CRIM NX AGE B	0.2651580
## 329	776	4	CRIM ZN DIS RAD	0.2639109
## 444	777	4	CRIM DIS RAD TAX	0.2608574
## 692	778	4	NX AGE DIS B	0.2597560
## 566	779	4	ZN DIS RAD B	0.2595338
## 780	780	4	DIS RAD TAX B	0.2569855
## 432	781	4	CRIM AGE DIS B	0.2563942
## 400	782	4	CRIM NX RAD B	0.2563747
## 393	783	4	CRIM NX DIS RAD	0.2556595
## 388	784	4	CRIM NX AGE RAD	0.2510513
## 436	785	4	CRIM AGE RAD B	0.2500756
## 508	786	4	ZN NX AGE RAD	0.2494162
## 449	787	4	CRIM DIS TAX B	0.2487940
## 689	788	4	NX AGE DIS RAD	0.2465137
## 696	789	4	NX AGE RAD B	0.2447840
## 706	790	4	NX DIS RAD B	0.2415298
## 761	791	4	AGE DIS RAD B	0.2402724
## 429	792	4	CRIM AGE DIS RAD	0.2395140
## 446	793	4	CRIM DIS RAD B	0.2051135
## 1559	794	5	RM DIS PTRATIO B LSTAT	0.6982083
## 1483	795	5	NX RM DIS PTRATIO LSTAT	0.6953681
## 1077	796	5	CRIM RM DIS PTRATIO LSTAT	0.6878881
## 1557	797	5	RM DIS TAX PTRATIO LSTAT	0.6861106
## 1288	798	5	ZN RM DIS B LSTAT	0.6846484
## 1285	799	5	ZN RM DIS TAX LSTAT	0.6838906
## 1287	800	5	ZN RM DIS PTRATIO LSTAT	0.6833466
## 1413	801	5	INDUS RM DIS PTRATIO LSTAT	0.6827128
## 1538	802	5	RM AGE DIS PTRATIO LSTAT	0.6817012
## 1563	803	5	RM RAD PTRATIO B LSTAT	0.6816231
## 1549	804	5	RM AGE PTRATIO B LSTAT	0.6815832
## 1424	805	5	INDUS RM PTRATIO B LSTAT	0.6811228
## 1554	806	5	RM DIS RAD PTRATIO LSTAT	0.6804841
## 868	807	5	CRIM ZN RM DIS LSTAT	0.6792618
## 1088	808	5	CRIM RM PTRATIO B LSTAT	0.6791711
## 1558	809	5	RM DIS TAX B LSTAT	0.6789420
## 1494	810	5	NX RM PTRATIO B LSTAT	0.6789105
## 1298	811	5	ZN RM PTRATIO B LSTAT	0.6788160
## 1564	812	5	RM TAX PTRATIO B LSTAT	0.6784224
## 1078	813	5	CRIM RM DIS B LSTAT	0.6761182
## 1414	814	5	INDUS RM DIS B LSTAT	0.6755081
## 1484	815	5	NX RM DIS B LSTAT	0.6746489
## 1539	816	5	RM AGE DIS B LSTAT	0.6730311
## 1555	817	5	RM DIS RAD B LSTAT	0.6725665
## 1083	818	5	CRIM RM RAD PTRATIO LSTAT	0.6721953
## 1067	819	5	CRIM RM AGE PTRATIO LSTAT	0.6720837
## 1561	820	5	RM RAD TAX PTRATIO LSTAT	0.6720446
## 1282	821	5	ZN RM DIS RAD LSTAT	0.6713248

## 1075	822	5	CRIM RM DIS TAX LSTAT	0.6712480
## 1218	823	5	ZN NX RM DIS LSTAT	0.6709556
## 961	824	5	CRIM INDUS RM PTRATIO LSTAT	0.6706443
## 952	825	5	CRIM INDUS RM DIS LSTAT	0.6701719
## 1008	826	5	CRIM NX RM DIS LSTAT	0.6701002
## 1162	827	5	ZN INDUS RM DIS LSTAT	0.6699128
## 877	828	5	CRIM ZN RM PTRATIO LSTAT	0.6693823
## 1481	829	5	NX RM DIS TAX LSTAT	0.6693512
## 1547	830	5	RM AGE TAX PTRATIO LSTAT	0.6692253
## 1017	831	5	CRIM NX RM PTRATIO LSTAT	0.6692234
## 1086	832	5	CRIM RM TAX PTRATIO LSTAT	0.6692089
## 1473	833	5	NX RM AGE PTRATIO LSTAT	0.6690492
## 1552	834	5	RM DIS RAD TAX LSTAT	0.6689266
## 1536	835	5	RM AGE DIS TAX LSTAT	0.6686951
## 1422	836	5	INDUS RM TAX PTRATIO LSTAT	0.6686350
## 1411	837	5	INDUS RM DIS TAX LSTAT	0.6684493
## 1403	838	5	INDUS RM AGE PTRATIO LSTAT	0.6671195
## 1277	839	5	ZN RM AGE PTRATIO LSTAT	0.6670632
## 1544	840	5	RM AGE RAD PTRATIO LSTAT	0.6670390
## 1353	841	5	INDUS NX RM PTRATIO LSTAT	0.6667403
## 1296	842	5	ZN RM TAX PTRATIO LSTAT	0.6662355
## 1492	843	5	NX RM TAX PTRATIO LSTAT	0.6661290
## 1058	844	5	CRIM RM AGE DIS LSTAT	0.6659401
## 1171	845	5	ZN INDUS RM PTRATIO LSTAT	0.6657007
## 1419	846	5	INDUS RM RAD PTRATIO LSTAT	0.6656321
## 1227	847	5	ZN NX RM PTRATIO LSTAT	0.6653237
## 1293	848	5	ZN RM RAD PTRATIO LSTAT	0.6651815
## 1489	849	5	NX RM RAD PTRATIO LSTAT	0.6651303
## 1072	850	5	CRIM RM DIS RAD LSTAT	0.6645303
## 1268	851	5	ZN RM AGE DIS LSTAT	0.6633968
## 1408	852	5	INDUS RM DIS RAD LSTAT	0.6625423
## 1478	853	5	NX RM DIS RAD LSTAT	0.6622875
## 1344	854	5	INDUS NX RM DIS LSTAT	0.6619920
## 1562	855	5	RM RAD TAX B LSTAT	0.6613761
## 1493	856	5	NX RM TAX B LSTAT	0.6610250
## 1548	857	5	RM AGE TAX B LSTAT	0.6606666
## 1068	858	5	CRIM RM AGE B LSTAT	0.6605331
## 1278	859	5	ZN RM AGE B LSTAT	0.6604997
## 1018	860	5	CRIM NX RM B LSTAT	0.6598291
## 1533	861	5	RM AGE DIS RAD LSTAT	0.6596731
## 1423	862	5	INDUS RM TAX B LSTAT	0.6594145
## 1394	863	5	INDUS RM AGE DIS LSTAT	0.6591288
## 878	864	5	CRIM ZN RM B LSTAT	0.6591212
## 1087	865	5	CRIM RM TAX B LSTAT	0.6588956
## 1228	866	5	ZN NX RM B LSTAT	0.6586524
## 962	867	5	CRIM INDUS RM B LSTAT	0.6586317
## 1084	868	5	CRIM RM RAD B LSTAT	0.6586059
## 1464	869	5	NX RM AGE DIS LSTAT	0.6584879
## 1297	870	5	ZN RM TAX B LSTAT	0.6582536
## 1545	871	5	RM AGE RAD B LSTAT	0.6574780
## 1474	872	5	NX RM AGE B LSTAT	0.6572937
## 1404	873	5	INDUS RM AGE B LSTAT	0.6572054
## 1172	874	5	ZN INDUS RM B LSTAT	0.6570740
## 1490	875	5	NX RM RAD B LSTAT	0.6568878

## 1354	876	5	INDUS NX RM B LSTAT	0.6564321
## 1294	877	5	ZN RM RAD B LSTAT	0.6562749
## 1420	878	5	INDUS RM RAD B LSTAT	0.6556939
## 1081	879	5	CRIM RM RAD TAX LSTAT	0.6552503
## 863	880	5	CRIM ZN RM AGE LSTAT	0.6538079
## 1275	881	5	ZN RM AGE TAX LSTAT	0.6536310
## 1065	882	5	CRIM RM AGE TAX LSTAT	0.6533851
## 1015	883	5	CRIM NX RM TAX LSTAT	0.6523427
## 1542	884	5	RM AGE RAD TAX LSTAT	0.6520725
## 1225	885	5	ZN NX RM TAX LSTAT	0.6515227
## 959	886	5	CRIM INDUS RM TAX LSTAT	0.6514502
## 1417	887	5	INDUS RM RAD TAX LSTAT	0.6513221
## 875	888	5	CRIM ZN RM TAX LSTAT	0.6512528
## 1487	889	5	NX RM RAD TAX LSTAT	0.6510487
## 836	890	5	CRIM ZN NX RM LSTAT	0.6505747
## 1169	891	5	ZN INDUS RM TAX LSTAT	0.6504991
## 1401	892	5	INDUS RM AGE TAX LSTAT	0.6502069
## 1471	893	5	NX RM AGE TAX LSTAT	0.6501886
## 1291	894	5	ZN RM RAD TAX LSTAT	0.6501570
## 947	895	5	CRIM INDUS RM AGE LSTAT	0.6501202
## 1062	896	5	CRIM RM AGE RAD LSTAT	0.6499911
## 1003	897	5	CRIM NX RM AGE LSTAT	0.6499588
## 808	898	5	CRIM ZN INDUS RM LSTAT	0.6496783
## 872	899	5	CRIM ZN RM RAD LSTAT	0.6493008
## 1351	900	5	INDUS NX RM TAX LSTAT	0.6492899
## 1012	901	5	CRIM NX RM RAD LSTAT	0.6484707
## 920	902	5	CRIM INDUS NX RM LSTAT	0.6484429
## 956	903	5	CRIM INDUS RM RAD LSTAT	0.6480251
## 1272	904	5	ZN RM AGE RAD LSTAT	0.6471005
## 1222	905	5	ZN NX RM RAD LSTAT	0.6442461
## 1157	906	5	ZN INDUS RM AGE LSTAT	0.6439417
## 1398	907	5	INDUS RM AGE RAD LSTAT	0.6439308
## 1213	908	5	ZN NX RM AGE LSTAT	0.6438638
## 1468	909	5	NX RM AGE RAD LSTAT	0.6438521
## 1166	910	5	ZN INDUS RM RAD LSTAT	0.6432158
## 1348	911	5	INDUS NX RM RAD LSTAT	0.6424292
## 1252	912	5	ZN NX DIS PTRATIO LSTAT	0.6409440
## 1339	913	5	INDUS NX RM AGE LSTAT	0.6409410
## 1130	914	5	ZN INDUS NX RM LSTAT	0.6407141
## 1524	915	5	NX DIS PTRATIO B LSTAT	0.6406028
## 1519	916	5	NX DIS RAD PTRATIO LSTAT	0.6376917
## 1328	917	5	ZN DIS PTRATIO B LSTAT	0.6360530
## 1042	918	5	CRIM NX DIS PTRATIO LSTAT	0.6360439
## 1378	919	5	INDUS NX DIS PTRATIO LSTAT	0.6341183
## 1503	920	5	NX AGE DIS PTRATIO LSTAT	0.6340807
## 1522	921	5	NX DIS TAX PTRATIO LSTAT	0.6329744
## 1326	922	5	ZN DIS TAX PTRATIO LSTAT	0.6309076
## 1581	923	5	DIS RAD TAX PTRATIO LSTAT	0.6306120
## 1454	924	5	INDUS DIS PTRATIO B LSTAT	0.6301527
## 902	925	5	CRIM ZN DIS PTRATIO LSTAT	0.6291990
## 1196	926	5	ZN INDUS DIS PTRATIO LSTAT	0.6291987
## 1321	927	5	ZN DIS RAD TAX LSTAT	0.6271830
## 1583	928	5	DIS RAD PTRATIO B LSTAT	0.6267727
## 1584	929	5	DIS TAX PTRATIO B LSTAT	0.6256956

## 1118	930	5	CRIM DIS PTRATIO B LSTAT	0.6256661
## 1574	931	5	AGE DIS PTRATIO B LSTAT	0.6243338
## 1327	932	5	ZN DIS TAX B LSTAT	0.6240119
## 986	933	5	CRIM INDUS DIS PTRATIO LSTAT	0.6237922
## 1323	934	5	ZN DIS RAD PTRATIO LSTAT	0.6209227
## 1307	935	5	ZN AGE DIS PTRATIO LSTAT	0.6207930
## 1197	936	5	ZN INDUS DIS B LSTAT	0.6207123
## 1194	937	5	ZN INDUS DIS TAX LSTAT	0.6206602
## 819	938	5	CRIM ZN INDUS DIS LSTAT	0.6206141
## 1452	939	5	INDUS DIS TAX PTRATIO LSTAT	0.6205128
## 900	940	5	CRIM ZN DIS TAX LSTAT	0.6198066
## 1449	941	5	INDUS DIS RAD PTRATIO LSTAT	0.6192065
## 1250	942	5	ZN NX DIS TAX LSTAT	0.6190409
## 1433	943	5	INDUS AGE DIS PTRATIO LSTAT	0.6187450
## 1113	944	5	CRIM DIS RAD PTRATIO LSTAT	0.6187191
## 1585	945	5	RAD TAX PTRATIO B LSTAT	0.6185507
## 1116	946	5	CRIM DIS TAX PTRATIO LSTAT	0.6180128
## 1305	947	5	ZN AGE DIS TAX LSTAT	0.6164786
## 1097	948	5	CRIM AGE DIS PTRATIO LSTAT	0.6160408
## 1572	949	5	AGE DIS TAX PTRATIO LSTAT	0.6157486
## 903	950	5	CRIM ZN DIS B LSTAT	0.6155352
## 847	951	5	CRIM ZN NX DIS LSTAT	0.6153240
## 1576	952	5	AGE RAD TAX PTRATIO LSTAT	0.6149824
## 1253	953	5	ZN NX DIS B LSTAT	0.6147592
## 1578	954	5	AGE RAD PTRATIO B LSTAT	0.6134172
## 1120	955	5	CRIM RAD TAX PTRATIO LSTAT	0.6129693
## 1141	956	5	ZN INDUS NX DIS LSTAT	0.6114297
## 1514	957	5	NX AGE PTRATIO B LSTAT	0.6113058
## 1318	958	5	ZN AGE PTRATIO B LSTAT	0.6109862
## 1569	959	5	AGE DIS RAD PTRATIO LSTAT	0.6106660
## 1122	960	5	CRIM RAD PTRATIO B LSTAT	0.6100207
## 1191	961	5	ZN INDUS DIS RAD LSTAT	0.6096886
## 1324	962	5	ZN DIS RAD B LSTAT	0.6095958
## 1509	963	5	NX AGE RAD PTRATIO LSTAT	0.6094612
## 1108	964	5	CRIM AGE PTRATIO B LSTAT	0.6085966
## 1444	965	5	INDUS AGE PTRATIO B LSTAT	0.6083207
## 1579	966	5	AGE TAX PTRATIO B LSTAT	0.6082264
## 1308	967	5	ZN AGE DIS B LSTAT	0.6081228
## 1456	968	5	INDUS RAD TAX PTRATIO LSTAT	0.6081218
## 1177	969	5	ZN INDUS AGE DIS LSTAT	0.6072584
## 1482	970	5	NX RM DIS PTRATIO B	0.6070728
## 1537	971	5	RM AGE DIS PTRATIO B	0.6069539
## 1528	972	5	NX RAD PTRATIO B LSTAT	0.6066878
## 897	973	5	CRIM ZN DIS RAD LSTAT	0.6062736
## 883	974	5	CRIM ZN AGE DIS LSTAT	0.6061451
## 1458	975	5	INDUS RAD PTRATIO B LSTAT	0.6060241
## 1332	976	5	ZN RAD PTRATIO B LSTAT	0.6059839
## 1103	977	5	CRIM AGE RAD PTRATIO LSTAT	0.6057781
## 1032	978	5	CRIM NX AGE PTRATIO LSTAT	0.6057259
## 1330	979	5	ZN RAD TAX PTRATIO LSTAT	0.6055035
## 1526	980	5	NX RAD TAX PTRATIO LSTAT	0.6054101
## 1242	981	5	ZN NX AGE PTRATIO LSTAT	0.6053259
## 1247	982	5	ZN NX DIS RAD LSTAT	0.6044522
## 1368	983	5	INDUS NX AGE PTRATIO LSTAT	0.6042400

## 1512	984	5	NX AGE TAX PTRATIO LSTAT	0.6040734
## 892	985	5	CRIM ZN AGE PTRATIO LSTAT	0.6040059
## 1233	986	5	ZN NX AGE DIS LSTAT	0.6035969
## 1316	987	5	ZN AGE TAX PTRATIO LSTAT	0.6028824
## 1006	988	5	CRIM NX RM DIS PTRATIO	0.6017881
## 976	989	5	CRIM INDUS AGE PTRATIO LSTAT	0.6013024
## 1106	990	5	CRIM AGE TAX PTRATIO LSTAT	0.6010781
## 1313	991	5	ZN AGE RAD PTRATIO LSTAT	0.6010185
## 1186	992	5	ZN INDUS AGE PTRATIO LSTAT	0.6008712
## 1048	993	5	CRIM NX RAD PTRATIO LSTAT	0.6006113
## 1439	994	5	INDUS AGE RAD PTRATIO LSTAT	0.6000945
## 1442	995	5	INDUS AGE TAX PTRATIO LSTAT	0.5996141
## 908	996	5	CRIM ZN RAD PTRATIO LSTAT	0.5988572
## 997	997	5	CRIM INDUS PTRATIO B LSTAT	0.5987750
## 992	998	5	CRIM INDUS RAD PTRATIO LSTAT	0.5987720
## 1207	999	5	ZN INDUS PTRATIO B LSTAT	0.5987521
## 1389	1000	5	INDUS NX PTRATIO B LSTAT	0.5985740
## 1459	1001	5	INDUS TAX PTRATIO B LSTAT	0.5985470
## 1123	1002	5	CRIM TAX PTRATIO B LSTAT	0.5982203
## 1053	1003	5	CRIM NX PTRATIO B LSTAT	0.5980649
## 1263	1004	5	ZN NX PTRATIO B LSTAT	0.5979755
## 1529	1005	5	NX TAX PTRATIO B LSTAT	0.5979054
## 1333	1006	5	ZN TAX PTRATIO B LSTAT	0.5978490
## 913	1007	5	CRIM ZN PTRATIO B LSTAT	0.5978350
## 1462	1008	5	NX RM AGE DIS PTRATIO	0.5977781
## 1066	1009	5	CRIM RM AGE PTRATIO B	0.5974690
## 1302	1010	5	ZN AGE DIS RAD LSTAT	0.5971999
## 1582	1011	5	DIS RAD TAX B LSTAT	0.5968998
## 1016	1012	5	CRIM NX RM PTRATIO B	0.5963331
## 987	1013	5	CRIM INDUS DIS B LSTAT	0.5958055
## 1453	1014	5	INDUS DIS TAX B LSTAT	0.5952225
## 1056	1015	5	CRIM RM AGE DIS PTRATIO	0.5945634
## 1546	1016	5	RM AGE TAX PTRATIO B	0.5937664
## 1111	1017	5	CRIM DIS RAD TAX LSTAT	0.5936591
## 1379	1018	5	INDUS NX DIS B LSTAT	0.5935898
## 1384	1019	5	INDUS NX RAD PTRATIO LSTAT	0.5934310
## 1472	1020	5	NX RM AGE PTRATIO B	0.5932675
## 1258	1021	5	ZN NX RAD PTRATIO LSTAT	0.5930314
## 931	1022	5	CRIM INDUS NX DIS LSTAT	0.5927951
## 1447	1023	5	INDUS DIS RAD TAX LSTAT	0.5920030
## 1560	1024	5	RM RAD TAX PTRATIO B	0.5919605
## 984	1025	5	CRIM INDUS DIS TAX LSTAT	0.5918701
## 1202	1026	5	ZN INDUS RAD PTRATIO LSTAT	0.5914644
## 828	1027	5	CRIM ZN INDUS PTRATIO LSTAT	0.5914444
## 940	1028	5	CRIM INDUS NX PTRATIO LSTAT	0.5914319
## 1450	1029	5	INDUS DIS RAD B LSTAT	0.5912881
## 995	1030	5	CRIM INDUS TAX PTRATIO LSTAT	0.5912620
## 1402	1031	5	INDUS RM AGE PTRATIO B	0.5912260
## 1434	1032	5	INDUS AGE DIS B LSTAT	0.5911997
## 960	1033	5	CRIM INDUS RM PTRATIO B	0.5911616
## 1491	1034	5	NX RM TAX PTRATIO B	0.5911503
## 1488	1035	5	NX RM RAD PTRATIO B	0.5910511
## 856	1036	5	CRIM ZN NX PTRATIO LSTAT	0.5909714
## 911	1037	5	CRIM ZN TAX PTRATIO LSTAT	0.5909611

## 1051	1038	5	CRIM NX TAX PTRATIO LSTAT	0.5908819
## 1517	1039	5	NX DIS RAD TAX LSTAT	0.5908787
## 1276	1040	5	ZN RM AGE PTRATIO B	0.5907773
## 1543	1041	5	RM AGE RAD PTRATIO B	0.5904986
## 1226	1042	5	ZN NX RM PTRATIO B	0.5901336
## 1352	1043	5	INDUS NX RM PTRATIO B	0.5901035
## 1205	1044	5	ZN INDUS TAX PTRATIO LSTAT	0.5900732
## 1387	1045	5	INDUS NX TAX PTRATIO LSTAT	0.5899883
## 1523	1046	5	NX DIS TAX B LSTAT	0.5899597
## 1311	1047	5	ZN AGE RAD TAX LSTAT	0.5898530
## 1376	1048	5	INDUS NX DIS TAX LSTAT	0.5897387
## 1534	1049	5	RM AGE DIS TAX PTRATIO	0.5896224
## 1150	1050	5	ZN INDUS NX PTRATIO LSTAT	0.5895589
## 981	1051	5	CRIM INDUS DIS RAD LSTAT	0.5893609
## 1261	1052	5	ZN NX TAX PTRATIO LSTAT	0.5892914
## 967	1053	5	CRIM INDUS AGE DIS LSTAT	0.5892639
## 1412	1054	5	INDUS RM DIS PTRATIO B	0.5884666
## 1085	1055	5	CRIM RM TAX PTRATIO B	0.5884252
## 1535	1056	5	RM AGE DIS TAX B	0.5882015
## 1479	1057	5	NX RM DIS TAX PTRATIO	0.5880371
## 1117	1058	5	CRIM DIS TAX B LSTAT	0.5877757
## 1431	1059	5	INDUS AGE DIS TAX LSTAT	0.5876791
## 1342	1060	5	INDUS NX RM DIS PTRATIO	0.5873881
## 1043	1061	5	CRIM NX DIS B LSTAT	0.5873175
## 876	1062	5	CRIM ZN RM PTRATIO B	0.5871910
## 1573	1063	5	AGE DIS TAX B LSTAT	0.5867613
## 1567	1064	5	AGE DIS RAD TAX LSTAT	0.5866195
## 1040	1065	5	CRIM NX DIS TAX LSTAT	0.5865432
## 1421	1066	5	INDUS RM TAX PTRATIO B	0.5860233
## 1317	1067	5	ZN AGE TAX B LSTAT	0.5857607
## 1082	1068	5	CRIM RM RAD PTRATIO B	0.5854478
## 1076	1069	5	CRIM RM DIS PTRATIO B	0.5853039
## 1295	1070	5	ZN RM TAX PTRATIO B	0.5852402
## 1373	1071	5	INDUS NX DIS RAD LSTAT	0.5845533
## 1556	1072	5	RM DIS TAX PTRATIO B	0.5845500
## 1010	1073	5	CRIM NX RM RAD PTRATIO	0.5843914
## 1359	1074	5	INDUS NX AGE DIS LSTAT	0.5842576
## 1216	1075	5	ZN NX RM DIS PTRATIO	0.5840689
## 1393	1076	5	INDUS RM AGE DIS B	0.5838723
## 1057	1077	5	CRIM RM AGE DIS B	0.5837817
## 1501	1078	5	NX AGE DIS TAX LSTAT	0.5837609
## 1476	1079	5	NX RM DIS RAD PTRATIO	0.5832159
## 1001	1080	5	CRIM NX RM AGE PTRATIO	0.5831186
## 1392	1081	5	INDUS RM AGE DIS PTRATIO	0.5830150
## 1504	1082	5	NX AGE DIS B LSTAT	0.5829957
## 1170	1083	5	ZN INDUS RM PTRATIO B	0.5829220
## 1520	1084	5	NX DIS RAD B LSTAT	0.5828157
## 942	1085	5	CRIM INDUS RM AGE DIS	0.5827316
## 893	1086	5	CRIM ZN AGE B LSTAT	0.5827267
## 1418	1087	5	INDUS RM RAD PTRATIO B	0.5826962
## 1079	1088	5	CRIM RM RAD TAX PTRATIO	0.5817154
## 1095	1089	5	CRIM AGE DIS TAX LSTAT	0.5817119
## 1023	1090	5	CRIM NX AGE DIS LSTAT	0.5815837
## 890	1091	5	CRIM ZN AGE TAX LSTAT	0.5815650

## 1013	1092	5	CRIM NX RM TAX PTRATIO	0.5814772
## 1428	1093	5	INDUS AGE DIS RAD LSTAT	0.5812623
## 918	1094	5	CRIM INDUS NX RM PTRATIO	0.5812358
## 1063	1095	5	CRIM RM AGE TAX PTRATIO	0.5812098
## 1037	1096	5	CRIM NX DIS RAD LSTAT	0.5811349
## 834	1097	5	CRIM ZN NX RM PTRATIO	0.5810346
## 950	1098	5	CRIM INDUS RM DIS PTRATIO	0.5808116
## 1187	1099	5	ZN INDUS AGE B LSTAT	0.5805907
## 1098	1100	5	CRIM AGE DIS B LSTAT	0.5801297
## 1114	1101	5	CRIM DIS RAD B LSTAT	0.5801198
## 945	1102	5	CRIM INDUS RM AGE PTRATIO	0.5799035
## 1577	1103	5	AGE RAD TAX B LSTAT	0.5798780
## 1240	1104	5	ZN NX AGE TAX LSTAT	0.5794967
## 1265	1105	5	ZN RM AGE DIS TAX	0.5794503
## 1184	1106	5	ZN INDUS AGE TAX LSTAT	0.5793298
## 1243	1107	5	ZN NX AGE B LSTAT	0.5792287
## 1314	1108	5	ZN AGE RAD B LSTAT	0.5792062
## 1055	1109	5	CRIM RM AGE DIS TAX	0.5785550
## 1060	1110	5	CRIM RM AGE RAD PTRATIO	0.5782433
## 861	1111	5	CRIM ZN RM AGE PTRATIO	0.5779863
## 814	1112	5	CRIM ZN INDUS AGE LSTAT	0.5773893
## 1284	1113	5	ZN RM DIS TAX B	0.5769257
## 1292	1114	5	ZN RM RAD PTRATIO B	0.5767200
## 1101	1115	5	CRIM AGE RAD TAX LSTAT	0.5766827
## 1570	1116	5	AGE DIS RAD B LSTAT	0.5763820
## 1286	1117	5	ZN RM DIS PTRATIO B	0.5763288
## 1485	1118	5	NX RM RAD TAX PTRATIO	0.5762090
## 842	1119	5	CRIM ZN NX AGE LSTAT	0.5758762
## 1531	1120	5	RM AGE DIS RAD PTRATIO	0.5758654
## 1540	1121	5	RM AGE RAD TAX PTRATIO	0.5756362
## 1331	1122	5	ZN RAD TAX B LSTAT	0.5756193
## 887	1123	5	CRIM ZN AGE RAD LSTAT	0.5755113
## 1532	1124	5	RM AGE DIS RAD B	0.5754119
## 957	1125	5	CRIM INDUS RM TAX PTRATIO	0.5748537
## 1267	1126	5	ZN RM AGE DIS B	0.5748458
## 1553	1127	5	RM DIS RAD PTRATIO B	0.5746543
## 1498	1128	5	NX AGE DIS RAD LSTAT	0.5738915
## 1256	1129	5	ZN NX RAD TAX LSTAT	0.5736554
## 906	1130	5	CRIM ZN RAD TAX LSTAT	0.5735763
## 1469	1131	5	NX RM AGE TAX PTRATIO	0.5733913
## 951	1132	5	CRIM INDUS RM DIS B	0.5733469
## 806	1133	5	CRIM ZN INDUS RM PTRATIO	0.5733229
## 954	1134	5	CRIM INDUS RM RAD PTRATIO	0.5733186
## 873	1135	5	CRIM ZN RM TAX PTRATIO	0.5729719
## 1391	1136	5	INDUS RM AGE DIS TAX	0.5729379
## 858	1137	5	CRIM ZN RM AGE DIS	0.5728150
## 1463	1138	5	NX RM AGE DIS B	0.5727892
## 1064	1139	5	CRIM RM AGE TAX B	0.5726569
## 998	1140	5	CRIM NX RM AGE DIS	0.5724944
## 1121	1141	5	CRIM RAD TAX B LSTAT	0.5723297
## 803	1142	5	CRIM ZN INDUS RM DIS	0.5721437
## 1527	1143	5	NX RAD TAX B LSTAT	0.5721101
## 1262	1144	5	ZN NX TAX B LSTAT	0.5714488
## 1092	1145	5	CRIM AGE DIS RAD LSTAT	0.5713947

## 874	1146	5	CRIM ZN RM TAX B	0.5713067
## 1399	1147	5	INDUS RM AGE TAX PTRATIO	0.5711143
## 1437	1148	5	INDUS AGE RAD TAX LSTAT	0.5709813
## 1273	1149	5	ZN RM AGE TAX PTRATIO	0.5709494
## 1073	1150	5	CRIM RM DIS TAX PTRATIO	0.5709457
## 1507	1151	5	NX AGE RAD TAX LSTAT	0.5708239
## 1181	1152	5	ZN INDUS AGE RAD LSTAT	0.5706190
## 1443	1153	5	INDUS AGE TAX B LSTAT	0.5704832
## 1349	1154	5	INDUS NX RM TAX PTRATIO	0.5703826
## 1223	1155	5	ZN NX RM TAX PTRATIO	0.5703762
## 1200	1156	5	ZN INDUS RAD TAX LSTAT	0.5702600
## 1541	1157	5	RM AGE RAD TAX B	0.5702585
## 1107	1158	5	CRIM AGE TAX B LSTAT	0.5700161
## 946	1159	5	CRIM INDUS RM AGE B	0.5700118
## 1274	1160	5	ZN RM AGE TAX B	0.5698679
## 1136	1161	5	ZN INDUS NX AGE LSTAT	0.5697961
## 977	1162	5	CRIM INDUS AGE B LSTAT	0.5697914
## 1290	1163	5	ZN RM RAD TAX B	0.5695001
## 1457	1164	5	INDUS RAD TAX B LSTAT	0.5694403
## 1513	1165	5	NX AGE TAX B LSTAT	0.5693547
## 862	1166	5	CRIM ZN RM AGE B	0.5693079
## 1237	1167	5	ZN NX AGE RAD LSTAT	0.5690261
## 1211	1168	5	ZN NX RM AGE PTRATIO	0.5689981
## 1461	1169	5	NX RM AGE DIS TAX	0.5689327
## 1161	1170	5	ZN INDUS RM DIS B	0.5688940
## 1080	1171	5	CRIM RM RAD TAX B	0.5686991
## 865	1172	5	CRIM ZN RM DIS TAX	0.5686829
## 831	1173	5	CRIM ZN NX RM DIS	0.5685686
## 807	1174	5	CRIM ZN INDUS RM B	0.5682463
## 1409	1175	5	INDUS RM DIS TAX PTRATIO	0.5679600
## 1410	1176	5	INDUS RM DIS TAX B	0.5679074
## 1466	1177	5	NX RM AGE RAD PTRATIO	0.5678328
## 1046	1178	5	CRIM NX RAD TAX LSTAT	0.5677890
## 1266	1179	5	ZN RM AGE DIS PTRATIO	0.5677612
## 1337	1180	5	INDUS NX RM AGE PTRATIO	0.5676423
## 1470	1181	5	NX RM AGE TAX B	0.5676405
## 1400	1182	5	INDUS RM AGE TAX B	0.5675305
## 915	1183	5	CRIM INDUS NX RM DIS	0.5674246
## 857	1184	5	CRIM ZN NX B LSTAT	0.5673037
## 1440	1185	5	INDUS AGE RAD B LSTAT	0.5672425
## 1369	1186	5	INDUS NX AGE B LSTAT	0.5672236
## 958	1187	5	CRIM INDUS RM TAX B	0.5671979
## 1061	1188	5	CRIM RM AGE RAD B	0.5668559
## 1007	1189	5	CRIM NX RM DIS B	0.5667539
## 1002	1190	5	CRIM NX RM AGE B	0.5667280
## 1033	1191	5	CRIM NX AGE B LSTAT	0.5666574
## 867	1192	5	CRIM ZN RM DIS B	0.5663878
## 1530	1193	5	RM AGE DIS RAD TAX	0.5663195
## 1104	1194	5	CRIM AGE RAD B LSTAT	0.5663015
## 974	1195	5	CRIM INDUS AGE TAX LSTAT	0.5662858
## 1283	1196	5	ZN RM DIS TAX PTRATIO	0.5662550
## 1289	1197	5	ZN RM RAD TAX PTRATIO	0.5662109
## 990	1198	5	CRIM INDUS RAD TAX LSTAT	0.5661456
## 1128	1199	5	ZN INDUS NX RM PTRATIO	0.5660839

## 1168	1200	5	ZN INDUS RM TAX B	0.5660598
## 866	1201	5	CRIM ZN RM DIS PTRATIO	0.5658181
## 1220	1202	5	ZN NX RM RAD PTRATIO	0.5656629
## 1346	1203	5	INDUS NX RM RAD PTRATIO	0.5656090
## 1415	1204	5	INDUS RM RAD TAX PTRATIO	0.5655843
## 854	1205	5	CRIM ZN NX TAX LSTAT	0.5654484
## 1054	1206	5	CRIM RM AGE DIS RAD	0.5654375
## 1480	1207	5	NX RM DIS TAX B	0.5653987
## 1224	1208	5	ZN NX RM TAX B	0.5651191
## 1151	1209	5	ZN INDUS NX B LSTAT	0.5650921
## 1390	1210	5	INDUS RM AGE DIS RAD	0.5650885
## 1215	1211	5	ZN NX RM DIS TAX	0.5648977
## 1030	1212	5	CRIM NX AGE TAX LSTAT	0.5647823
## 909	1213	5	CRIM ZN RAD B LSTAT	0.5646653
## 870	1214	5	CRIM ZN RM RAD PTRATIO	0.5644765
## 1014	1215	5	CRIM NX RM TAX B	0.5644470
## 1206	1216	5	ZN INDUS TAX B LSTAT	0.5643706
## 1259	1217	5	ZN NX RAD B LSTAT	0.5642940
## 919	1218	5	CRIM INDUS NX RM B	0.5642862
## 835	1219	5	CRIM ZN NX RM B	0.5642159
## 1343	1220	5	INDUS NX RM DIS B	0.5641191
## 869	1221	5	CRIM ZN RM RAD TAX	0.5640110
## 971	1222	5	CRIM INDUS AGE RAD LSTAT	0.5639976
## 1366	1223	5	INDUS NX AGE TAX LSTAT	0.5639873
## 912	1224	5	CRIM ZN TAX B LSTAT	0.5639183
## 1510	1225	5	NX AGE RAD B LSTAT	0.5638260
## 926	1226	5	CRIM INDUS NX AGE LSTAT	0.5637365
## 955	1227	5	CRIM INDUS RM RAD B	0.5636232
## 1396	1228	5	INDUS RM AGE RAD PTRATIO	0.5635438
## 1148	1229	5	ZN INDUS NX TAX LSTAT	0.5635364
## 1167	1230	5	ZN INDUS RM TAX PTRATIO	0.5634895
## 1159	1231	5	ZN INDUS RM DIS TAX	0.5634766
## 1074	1232	5	CRIM RM DIS TAX B	0.5632931
## 1059	1233	5	CRIM RM AGE RAD TAX	0.5631145
## 1550	1234	5	RM DIS RAD TAX PTRATIO	0.5629755
## 1217	1235	5	ZN NX RM DIS B	0.5628638
## 829	1236	5	CRIM ZN INDUS B LSTAT	0.5628454
## 949	1237	5	CRIM INDUS RM DIS TAX	0.5623425
## 1416	1238	5	INDUS RM RAD TAX B	0.5620731
## 1382	1239	5	INDUS NX RAD TAX LSTAT	0.5619820
## 1155	1240	5	ZN INDUS RM AGE PTRATIO	0.5618323
## 871	1241	5	CRIM ZN RM RAD B	0.5617765
## 1388	1242	5	INDUS NX TAX B LSTAT	0.5617637
## 1052	1243	5	CRIM NX TAX B LSTAT	0.5617432
## 1407	1244	5	INDUS RM DIS RAD B	0.5614751
## 1270	1245	5	ZN RM AGE RAD PTRATIO	0.5613857
## 860	1246	5	CRIM ZN RM AGE TAX	0.5610830
## 1486	1247	5	NX RM RAD TAX B	0.5609892
## 1070	1248	5	CRIM RM DIS RAD PTRATIO	0.5609525
## 1397	1249	5	INDUS RM AGE RAD B	0.5608328
## 1203	1250	5	ZN INDUS RAD B LSTAT	0.5607375
## 1005	1251	5	CRIM NX RM DIS TAX	0.5605677
## 1350	1252	5	INDUS NX RM TAX B	0.5604239
## 1027	1253	5	CRIM NX AGE RAD LSTAT	0.5602892

## 1406	1254	5	INDUS RM DIS RAD PTRATIO	0.5601245
## 1271	1255	5	ZN RM AGE RAD B	0.5601003
## 801	1256	5	CRIM ZN INDUS NX LSTAT	0.5599661
## 941	1257	5	CRIM INDUS NX B LSTAT	0.5599346
## 826	1258	5	CRIM ZN INDUS TAX LSTAT	0.5598026
## 1551	1259	5	RM DIS RAD TAX B	0.5594267
## 851	1260	5	CRIM ZN NX RAD LSTAT	0.5591384
## 1156	1261	5	ZN INDUS RM AGE B	0.5590559
## 944	1262	5	CRIM INDUS RM AGE TAX	0.5590351
## 993	1263	5	CRIM INDUS RAD B LSTAT	0.5586314
## 805	1264	5	CRIM ZN INDUS RM TAX	0.5585411
## 996	1265	5	CRIM INDUS TAX B LSTAT	0.5584594
## 1049	1266	5	CRIM NX RAD B LSTAT	0.5584543
## 1011	1267	5	CRIM NX RM RAD B	0.5582703
## 1467	1268	5	NX RM AGE RAD B	0.5580815
## 1363	1269	5	INDUS NX AGE RAD LSTAT	0.5579883
## 1338	1270	5	INDUS NX RM AGE B	0.5578222
## 1000	1271	5	CRIM NX RM AGE TAX	0.5577843
## 1264	1272	5	ZN RM AGE DIS RAD	0.5576895
## 1165	1273	5	ZN INDUS RM RAD B	0.5575250
## 1385	1274	5	INDUS NX RAD B LSTAT	0.5575098
## 823	1275	5	CRIM ZN INDUS RAD LSTAT	0.5572213
## 833	1276	5	CRIM ZN NX RM TAX	0.5571872
## 948	1277	5	CRIM INDUS RM DIS RAD	0.5570959
## 1160	1278	5	ZN INDUS RM DIS PTRATIO	0.5569185
## 1152	1279	5	ZN INDUS RM AGE DIS	0.5565834
## 953	1280	5	CRIM INDUS RM RAD TAX	0.5564808
## 1281	1281	5	ZN RM DIS RAD B	0.5562669
## 938	1282	5	CRIM INDUS NX TAX LSTAT	0.5562221
## 1279	1283	5	ZN RM DIS RAD TAX	0.5561600
## 1009	1284	5	CRIM NX RM RAD TAX	0.5560410
## 1334	1285	5	INDUS NX RM AGE DIS	0.5555123
## 1460	1286	5	NX RM AGE DIS RAD	0.5552582
## 1212	1287	5	ZN NX RM AGE B	0.5551764
## 802	1288	5	CRIM ZN INDUS RM AGE	0.5548134
## 1164	1289	5	ZN INDUS RM RAD PTRATIO	0.5547776
## 1477	1290	5	NX RM DIS RAD B	0.5544892
## 1129	1291	5	ZN INDUS NX RM B	0.5540516
## 1347	1292	5	INDUS NX RM RAD B	0.5539166
## 1145	1293	5	ZN INDUS NX RAD LSTAT	0.5536996
## 943	1294	5	CRIM INDUS RM AGE RAD	0.5536071
## 917	1295	5	CRIM INDUS NX RM TAX	0.5535497
## 1221	1296	5	ZN NX RM RAD B	0.5534256
## 1341	1297	5	INDUS NX RM DIS TAX	0.5532892
## 914	1298	5	CRIM INDUS NX RM AGE	0.5531009
## 935	1299	5	CRIM INDUS NX RAD LSTAT	0.5528628
## 794	1300	5	CRIM ZN INDUS NX RM	0.5519584
## 1069	1301	5	CRIM RM DIS RAD TAX	0.5518181
## 804	1302	5	CRIM ZN INDUS RM RAD	0.5516920
## 1004	1303	5	CRIM NX RM DIS RAD	0.5516728
## 859	1304	5	CRIM ZN RM AGE RAD	0.5513928
## 1269	1305	5	ZN RM AGE RAD TAX	0.5512511
## 830	1306	5	CRIM ZN NX RM AGE	0.5507993
## 1158	1307	5	ZN INDUS RM DIS RAD	0.5507339

## 1071	1308	5	CRIM RM DIS RAD B	0.5506968
## 1154	1309	5	ZN INDUS RM AGE TAX	0.5497018
## 1210	1310	5	ZN NX RM AGE TAX	0.5495735
## 999	1311	5	CRIM NX RM AGE RAD	0.5494393
## 916	1312	5	CRIM INDUS NX RM RAD	0.5487411
## 1395	1313	5	INDUS RM AGE RAD TAX	0.5479974
## 864	1314	5	CRIM ZN RM DIS RAD	0.5478791
## 1465	1315	5	NX RM AGE RAD TAX	0.5475581
## 832	1316	5	CRIM ZN NX RM RAD	0.5475109
## 1125	1317	5	ZN INDUS NX RM DIS	0.5474275
## 1336	1318	5	INDUS NX RM AGE TAX	0.5472382
## 1163	1319	5	ZN INDUS RM RAD TAX	0.5467352
## 1340	1320	5	INDUS NX RM DIS RAD	0.5466638
## 1475	1321	5	NX RM DIS RAD TAX	0.5466145
## 1219	1322	5	ZN NX RM RAD TAX	0.5466090
## 1214	1323	5	ZN NX RM DIS RAD	0.5461554
## 1208	1324	5	ZN NX RM AGE DIS	0.5461333
## 1405	1325	5	INDUS RM DIS RAD TAX	0.5455590
## 1127	1326	5	ZN INDUS NX RM TAX	0.5455394
## 1280	1327	5	ZN RM DIS RAD PTRATIO	0.5453086
## 1345	1328	5	INDUS NX RM RAD TAX	0.5406720
## 1153	1329	5	ZN INDUS RM AGE RAD	0.5389109
## 1335	1330	5	INDUS NX RM AGE RAD	0.5378057
## 1209	1331	5	ZN NX RM AGE RAD	0.5354238
## 1126	1332	5	ZN INDUS NX RM RAD	0.5345080
## 1124	1333	5	ZN INDUS NX RM AGE	0.5268738
## 929	1334	5	CRIM INDUS NX DIS PTRATIO	0.4279599
## 1035	1335	5	CRIM NX DIS RAD PTRATIO	0.4264466
## 1377	1336	5	INDUS NX DIS PTRATIO B	0.4251475
## 1357	1337	5	INDUS NX AGE DIS PTRATIO	0.4197716
## 845	1338	5	CRIM ZN NX DIS PTRATIO	0.4190170
## 1139	1339	5	ZN INDUS NX DIS PTRATIO	0.4188045
## 1515	1340	5	NX DIS RAD TAX PTRATIO	0.4175666
## 1044	1341	5	CRIM NX RAD TAX PTRATIO	0.4172016
## 1502	1342	5	NX AGE DIS PTRATIO B	0.4168570
## 1021	1343	5	CRIM NX AGE DIS PTRATIO	0.4167640
## 1251	1344	5	ZN NX DIS PTRATIO B	0.4145078
## 1041	1345	5	CRIM NX DIS PTRATIO B	0.4141625
## 1518	1346	5	NX DIS RAD PTRATIO B	0.4134349
## 1371	1347	5	INDUS NX DIS RAD PTRATIO	0.4120703
## 1525	1348	5	NX RAD TAX PTRATIO B	0.4114268
## 1374	1349	5	INDUS NX DIS TAX PTRATIO	0.4091830
## 1432	1350	5	INDUS AGE DIS PTRATIO B	0.4086919
## 965	1351	5	CRIM INDUS AGE DIS PTRATIO	0.4079381
## 1047	1352	5	CRIM NX RAD PTRATIO B	0.4050927
## 1038	1353	5	CRIM NX DIS TAX PTRATIO	0.4046423
## 1521	1354	5	NX DIS TAX PTRATIO B	0.4042269
## 817	1355	5	CRIM ZN INDUS DIS PTRATIO	0.4034864
## 1231	1356	5	ZN NX AGE DIS PTRATIO	0.4032322
## 1248	1357	5	ZN NX DIS TAX PTRATIO	0.4017875
## 1499	1358	5	NX AGE DIS TAX PTRATIO	0.4008485
## 1496	1359	5	NX AGE DIS RAD PTRATIO	0.3986864
## 1195	1360	5	ZN INDUS DIS PTRATIO B	0.3973601
## 933	1361	5	CRIM INDUS NX RAD PTRATIO	0.3972044

## 985	1362	5	CRIM INDUS DIS PTRATIO B	0.3947527
## 1245	1363	5	ZN NX DIS RAD PTRATIO	0.3940624
## 796	1364	5	CRIM ZN INDUS NX DIS	0.3937010
## 809	1365	5	CRIM ZN INDUS AGE DIS	0.3928528
## 988	1366	5	CRIM INDUS RAD TAX PTRATIO	0.3920215
## 1383	1367	5	INDUS NX RAD PTRATIO B	0.3916519
## 1455	1368	5	INDUS RAD TAX PTRATIO B	0.3901213
## 904	1369	5	CRIM ZN RAD TAX PTRATIO	0.3901211
## 939	1370	5	CRIM INDUS NX PTRATIO B	0.3901184
## 1175	1371	5	ZN INDUS AGE DIS PTRATIO	0.3900946
## 1575	1372	5	AGE RAD TAX PTRATIO B	0.3900596
## 1429	1373	5	INDUS AGE DIS TAX PTRATIO	0.3891711
## 1329	1374	5	ZN RAD TAX PTRATIO B	0.3890144
## 991	1375	5	CRIM INDUS RAD PTRATIO B	0.3889203
## 849	1376	5	CRIM ZN NX RAD PTRATIO	0.3885552
## 1025	1377	5	CRIM NX AGE RAD PTRATIO	0.3884578
## 1254	1378	5	ZN NX RAD TAX PTRATIO	0.3882778
## 1380	1379	5	INDUS NX RAD TAX PTRATIO	0.3880695
## 1099	1380	5	CRIM AGE RAD TAX PTRATIO	0.3872433
## 1505	1381	5	NX AGE RAD TAX PTRATIO	0.3869567
## 1119	1382	5	CRIM RAD TAX PTRATIO B	0.3868821
## 818	1383	5	CRIM ZN INDUS DIS B	0.3863913
## 816	1384	5	CRIM ZN INDUS DIS TAX	0.3848108
## 979	1385	5	CRIM INDUS DIS RAD PTRATIO	0.3845728
## 1192	1386	5	ZN INDUS DIS TAX PTRATIO	0.3844790
## 855	1387	5	CRIM ZN NX PTRATIO B	0.3837921
## 1508	1388	5	NX AGE RAD PTRATIO B	0.3837689
## 1257	1389	5	ZN NX RAD PTRATIO B	0.3833817
## 1149	1390	5	ZN INDUS NX PTRATIO B	0.3833497
## 1367	1391	5	INDUS NX AGE PTRATIO B	0.3829347
## 1386	1392	5	INDUS NX TAX PTRATIO B	0.3827860
## 827	1393	5	CRIM ZN INDUS PTRATIO B	0.3827032
## 1451	1394	5	INDUS DIS TAX PTRATIO B	0.3826696
## 1031	1395	5	CRIM NX AGE PTRATIO B	0.3826293
## 1050	1396	5	CRIM NX TAX PTRATIO B	0.3820695
## 975	1397	5	CRIM INDUS AGE PTRATIO B	0.3818791
## 982	1398	5	CRIM INDUS DIS TAX PTRATIO	0.3808632
## 799	1399	5	CRIM ZN INDUS NX PTRATIO	0.3806631
## 1426	1400	5	INDUS AGE DIS RAD PTRATIO	0.3804576
## 1448	1401	5	INDUS DIS RAD PTRATIO B	0.3801837
## 936	1402	5	CRIM INDUS NX TAX PTRATIO	0.3798950
## 924	1403	5	CRIM INDUS NX AGE PTRATIO	0.3797460
## 1174	1404	5	ZN INDUS AGE DIS TAX	0.3785468
## 994	1405	5	CRIM INDUS TAX PTRATIO B	0.3777372
## 1193	1406	5	ZN INDUS DIS TAX B	0.3772597
## 1260	1407	5	ZN NX TAX PTRATIO B	0.3767501
## 1511	1408	5	NX AGE TAX PTRATIO B	0.3759406
## 1241	1409	5	ZN NX AGE PTRATIO B	0.3757006
## 969	1410	5	CRIM INDUS AGE RAD PTRATIO	0.3753571
## 1438	1411	5	INDUS AGE RAD PTRATIO B	0.3753362
## 821	1412	5	CRIM ZN INDUS RAD PTRATIO	0.3743469
## 1204	1413	5	ZN INDUS TAX PTRATIO B	0.3742972
## 1441	1414	5	INDUS AGE TAX PTRATIO B	0.3741251
## 1185	1415	5	ZN INDUS AGE PTRATIO B	0.3740737

## 1176	1416	5	ZN INDUS AGE DIS B	0.3733637
## 815	1417	5	CRIM ZN INDUS DIS RAD	0.3729311
## 852	1418	5	CRIM ZN NX TAX PTRATIO	0.3725442
## 1138	1419	5	ZN INDUS NX DIS TAX	0.3724825
## 1201	1420	5	ZN INDUS RAD PTRATIO B	0.3722159
## 840	1421	5	CRIM ZN NX AGE PTRATIO	0.3721838
## 1565	1422	5	AGE DIS RAD TAX PTRATIO	0.3718121
## 1571	1423	5	AGE DIS TAX PTRATIO B	0.3714002
## 1028	1424	5	CRIM NX AGE TAX PTRATIO	0.3711812
## 1198	1425	5	ZN INDUS RAD TAX PTRATIO	0.3709554
## 812	1426	5	CRIM ZN INDUS AGE PTRATIO	0.3704383
## 1445	1427	5	INDUS DIS RAD TAX PTRATIO	0.3701917
## 1435	1428	5	INDUS AGE RAD TAX PTRATIO	0.3701839
## 824	1429	5	CRIM ZN INDUS TAX PTRATIO	0.3699672
## 1140	1430	5	ZN INDUS NX DIS B	0.3695470
## 1096	1431	5	CRIM AGE DIS PTRATIO B	0.3695004
## 1303	1432	5	ZN AGE DIS TAX PTRATIO	0.3694509
## 972	1433	5	CRIM INDUS AGE TAX PTRATIO	0.3683938
## 1189	1434	5	ZN INDUS DIS RAD PTRATIO	0.3679859
## 1309	1435	5	ZN AGE RAD TAX PTRATIO	0.3669682
## 1361	1436	5	INDUS NX AGE RAD PTRATIO	0.3665517
## 1143	1437	5	ZN INDUS NX RAD PTRATIO	0.3665424
## 1146	1438	5	ZN INDUS NX TAX PTRATIO	0.3664969
## 1580	1439	5	DIS RAD TAX PTRATIO B	0.3660621
## 1364	1440	5	INDUS NX AGE TAX PTRATIO	0.3658521
## 1306	1441	5	ZN AGE DIS PTRATIO B	0.3653812
## 1319	1442	5	ZN DIS RAD TAX PTRATIO	0.3648913
## 1188	1443	5	ZN INDUS DIS RAD TAX	0.3645593
## 1134	1444	5	ZN INDUS NX AGE PTRATIO	0.3641883
## 1109	1445	5	CRIM DIS RAD TAX PTRATIO	0.3633225
## 1102	1446	5	CRIM AGE RAD PTRATIO B	0.3625513
## 1315	1447	5	ZN AGE TAX PTRATIO B	0.3620496
## 891	1448	5	CRIM ZN AGE PTRATIO B	0.3620446
## 881	1449	5	CRIM ZN AGE DIS PTRATIO	0.3619216
## 1325	1450	5	ZN DIS TAX PTRATIO B	0.3614904
## 1105	1451	5	CRIM AGE TAX PTRATIO B	0.3613034
## 1093	1452	5	CRIM AGE DIS TAX PTRATIO	0.3605483
## 894	1453	5	CRIM ZN DIS RAD TAX	0.3601371
## 910	1454	5	CRIM ZN TAX PTRATIO B	0.3599450
## 1238	1455	5	ZN NX AGE TAX PTRATIO	0.3599028
## 966	1456	5	CRIM INDUS AGE DIS B	0.3580977
## 1190	1457	5	ZN INDUS DIS RAD B	0.3578670
## 1182	1458	5	ZN INDUS AGE TAX PTRATIO	0.3567296
## 1235	1459	5	ZN NX AGE RAD PTRATIO	0.3567017
## 844	1460	5	CRIM ZN NX DIS TAX	0.3563348
## 921	1461	5	CRIM INDUS NX AGE DIS	0.3561395
## 1173	1462	5	ZN INDUS AGE DIS RAD	0.3556655
## 1131	1463	5	ZN INDUS NX AGE DIS	0.3549073
## 898	1464	5	CRIM ZN DIS TAX PTRATIO	0.3541609
## 1568	1465	5	AGE DIS RAD PTRATIO B	0.3536360
## 1137	1466	5	ZN INDUS NX DIS RAD	0.3531289
## 1304	1467	5	ZN AGE DIS TAX B	0.3530694
## 888	1468	5	CRIM ZN AGE TAX PTRATIO	0.3530550
## 1244	1469	5	ZN NX DIS RAD TAX	0.3525325

## 880	1470	5	CRIM ZN AGE DIS TAX	0.3516239
## 964	1471	5	CRIM INDUS AGE DIS TAX	0.3516204
## 1299	1472	5	ZN AGE DIS RAD TAX	0.3504034
## 1249	1473	5	ZN NX DIS TAX B	0.3497906
## 1230	1474	5	ZN NX AGE DIS TAX	0.3497662
## 1320	1475	5	ZN DIS RAD TAX B	0.3495846
## 901	1476	5	CRIM ZN DIS PTRATIO B	0.3492170
## 905	1477	5	CRIM ZN RAD TAX B	0.3489472
## 907	1478	5	CRIM ZN RAD PTRATIO B	0.3485104
## 1312	1479	5	ZN AGE RAD PTRATIO B	0.3480340
## 820	1480	5	CRIM ZN INDUS RAD TAX	0.3476441
## 1179	1481	5	ZN INDUS AGE RAD PTRATIO	0.3474522
## 1430	1482	5	INDUS AGE DIS TAX B	0.3464534
## 930	1483	5	CRIM INDUS NX DIS B	0.3460740
## 1090	1484	5	CRIM AGE DIS RAD PTRATIO	0.3460618
## 963	1485	5	CRIM INDUS AGE DIS RAD	0.3456394
## 885	1486	5	CRIM ZN AGE RAD PTRATIO	0.3424674
## 837	1487	5	CRIM ZN NX AGE DIS	0.3416440
## 846	1488	5	CRIM ZN NX DIS B	0.3403920
## 928	1489	5	CRIM INDUS NX DIS TAX	0.3401797
## 1358	1490	5	INDUS NX AGE DIS B	0.3394161
## 1199	1491	5	ZN INDUS RAD TAX B	0.3386990
## 927	1492	5	CRIM INDUS NX DIS RAD	0.3384273
## 848	1493	5	CRIM ZN NX RAD TAX	0.3380917
## 1115	1494	5	CRIM DIS TAX PTRATIO B	0.3371715
## 884	1495	5	CRIM ZN AGE RAD TAX	0.3362615
## 825	1496	5	CRIM ZN INDUS TAX B	0.3357587
## 899	1497	5	CRIM ZN DIS TAX B	0.3356558
## 1427	1498	5	INDUS AGE DIS RAD B	0.3355408
## 1356	1499	5	INDUS NX AGE DIS TAX	0.3349267
## 983	1500	5	CRIM INDUS DIS TAX B	0.3331034
## 978	1501	5	CRIM INDUS DIS RAD TAX	0.3321708
## 1425	1502	5	INDUS AGE DIS RAD TAX	0.3305324
## 822	1503	5	CRIM ZN INDUS RAD B	0.3302503
## 813	1504	5	CRIM ZN INDUS AGE B	0.3296177
## 800	1505	5	CRIM ZN INDUS NX B	0.3296026
## 1310	1506	5	ZN AGE RAD TAX B	0.3295280
## 1375	1507	5	INDUS NX DIS TAX B	0.3294283
## 1255	1508	5	ZN NX RAD TAX B	0.3288676
## 980	1509	5	CRIM INDUS DIS RAD B	0.3288421
## 843	1510	5	CRIM ZN NX DIS RAD	0.3277833
## 1300	1511	5	ZN AGE DIS RAD PTRATIO	0.3270509
## 1112	1512	5	CRIM DIS RAD PTRATIO B	0.3269127
## 989	1513	5	CRIM INDUS RAD TAX B	0.3262421
## 811	1514	5	CRIM ZN INDUS AGE TAX	0.3261964
## 798	1515	5	CRIM ZN INDUS NX TAX	0.3261851
## 1322	1516	5	ZN DIS RAD PTRATIO B	0.3261790
## 1183	1517	5	ZN INDUS AGE TAX B	0.3247669
## 1147	1518	5	ZN INDUS NX TAX B	0.3247466
## 1355	1519	5	INDUS NX AGE DIS RAD	0.3230322
## 895	1520	5	CRIM ZN DIS RAD PTRATIO	0.3224648
## 1372	1521	5	INDUS NX DIS RAD B	0.3209464
## 1446	1522	5	INDUS DIS RAD TAX B	0.3209001
## 882	1523	5	CRIM ZN AGE DIS B	0.3200965

## 968	1524	5	CRIM INDUS AGE RAD TAX	0.3187884
## 1178	1525	5	ZN INDUS AGE RAD TAX	0.3179697
## 797	1526	5	CRIM ZN INDUS NX RAD	0.3178075
## 1142	1527	5	ZN INDUS NX RAD TAX	0.3177846
## 795	1528	5	CRIM ZN INDUS NX AGE	0.3176628
## 810	1529	5	CRIM ZN INDUS AGE RAD	0.3172447
## 932	1530	5	CRIM INDUS NX RAD TAX	0.3171428
## 1370	1531	5	INDUS NX DIS RAD TAX	0.3170812
## 853	1532	5	CRIM ZN NX TAX B	0.3158769
## 889	1533	5	CRIM ZN AGE TAX B	0.3157551
## 1232	1534	5	ZN NX AGE DIS B	0.3157454
## 973	1535	5	CRIM INDUS AGE TAX B	0.3142674
## 937	1536	5	CRIM INDUS NX TAX B	0.3118190
## 1436	1537	5	INDUS AGE RAD TAX B	0.3117559
## 970	1538	5	CRIM INDUS AGE RAD B	0.3109983
## 925	1539	5	CRIM INDUS NX AGE B	0.3105526
## 934	1540	5	CRIM INDUS NX RAD B	0.3094974
## 1180	1541	5	ZN INDUS AGE RAD B	0.3092405
## 1144	1542	5	ZN INDUS NX RAD B	0.3089517
## 1246	1543	5	ZN NX DIS RAD B	0.3088899
## 1133	1544	5	ZN INDUS NX AGE TAX	0.3085057
## 1234	1545	5	ZN NX AGE RAD TAX	0.3076796
## 1239	1546	5	ZN NX AGE TAX B	0.3076568
## 1381	1547	5	INDUS NX RAD TAX B	0.3075544
## 1135	1548	5	ZN INDUS NX AGE B	0.3067672
## 1089	1549	5	CRIM AGE DIS RAD TAX	0.3065522
## 839	1550	5	CRIM ZN NX AGE TAX	0.3065144
## 1100	1551	5	CRIM AGE RAD TAX B	0.3063029
## 1034	1552	5	CRIM NX DIS RAD TAX	0.3050113
## 923	1553	5	CRIM INDUS NX AGE TAX	0.3047165
## 1020	1554	5	CRIM NX AGE DIS TAX	0.3035302
## 1045	1555	5	CRIM NX RAD TAX B	0.3030866
## 1365	1556	5	INDUS NX AGE TAX B	0.3030725
## 1566	1557	5	AGE DIS RAD TAX B	0.3028585
## 879	1558	5	CRIM ZN AGE DIS RAD	0.3023154
## 1229	1559	5	ZN NX AGE DIS RAD	0.3018907
## 1500	1560	5	NX AGE DIS TAX B	0.3012230
## 922	1561	5	CRIM INDUS NX AGE RAD	0.2994580
## 1301	1562	5	ZN AGE DIS RAD B	0.2984023
## 1024	1563	5	CRIM NX AGE RAD TAX	0.2982783
## 1495	1564	5	NX AGE DIS RAD TAX	0.2967013
## 841	1565	5	CRIM ZN NX AGE B	0.2962889
## 1094	1566	5	CRIM AGE DIS TAX B	0.2952264
## 850	1567	5	CRIM ZN NX RAD B	0.2951477
## 1022	1568	5	CRIM NX AGE DIS B	0.2934104
## 1360	1569	5	INDUS NX AGE RAD TAX	0.2920661
## 1362	1570	5	INDUS NX AGE RAD B	0.2917574
## 1506	1571	5	NX AGE RAD TAX B	0.2914908
## 1516	1572	5	NX DIS RAD TAX B	0.2905450
## 886	1573	5	CRIM ZN AGE RAD B	0.2879336
## 1132	1574	5	ZN INDUS NX AGE RAD	0.2877113
## 1039	1575	5	CRIM NX DIS TAX B	0.2868376
## 896	1576	5	CRIM ZN DIS RAD B	0.2861085
## 1029	1577	5	CRIM NX AGE TAX B	0.2832465

##	838	1578	5	CRIM ZN NX AGE RAD	0.2815854
##	1019	1579	5	CRIM NX AGE DIS RAD	0.2803628
##	1110	1580	5	CRIM DIS RAD TAX B	0.2781547
##	1236	1581	5	ZN NX AGE RAD B	0.2740256
##	1497	1582	5	NX AGE DIS RAD B	0.2694953
##	1036	1583	5	CRIM NX DIS RAD B	0.2677032
##	1026	1584	5	CRIM NX AGE RAD B	0.2651795
##	1091	1585	5	CRIM AGE DIS RAD B	0.2601929
##	2455	1586	6	NX RM DIS PTRATIO B LSTAT	0.7077384
##	2273	1587	6	ZN RM DIS PTRATIO B LSTAT	0.7026808
##	1945	1588	6	CRIM NX RM DIS PTRATIO LSTAT	0.7009584
##	2021	1589	6	CRIM RM DIS PTRATIO B LSTAT	0.7005249
##	2491	1590	6	RM AGE DIS PTRATIO B LSTAT	0.7003828
##	2501	1591	6	RM DIS TAX PTRATIO B LSTAT	0.6997688
##	2399	1592	6	INDUS RM DIS PTRATIO B LSTAT	0.6995076
##	2500	1593	6	RM DIS RAD PTRATIO B LSTAT	0.6986550
##	2197	1594	6	ZN NX RM DIS PTRATIO LSTAT	0.6980691
##	2453	1595	6	NX RM DIS TAX PTRATIO LSTAT	0.6961774
##	2450	1596	6	NX RM DIS RAD PTRATIO LSTAT	0.6960600
##	2272	1597	6	ZN RM DIS TAX B LSTAT	0.6958093
##	2434	1598	6	NX RM AGE DIS PTRATIO LSTAT	0.6954708
##	2323	1599	6	INDUS NX RM DIS PTRATIO LSTAT	0.6954161
##	1749	1600	6	CRIM ZN RM DIS PTRATIO LSTAT	0.6935271
##	2271	1601	6	ZN RM DIS TAX PTRATIO LSTAT	0.6929015
##	1750	1602	6	CRIM ZN RM DIS B LSTAT	0.6918975
##	2498	1603	6	RM DIS RAD TAX PTRATIO LSTAT	0.6917893
##	1875	1604	6	CRIM INDUS RM DIS PTRATIO LSTAT	0.6904472
##	2000	1605	6	CRIM RM AGE DIS PTRATIO LSTAT	0.6900330
##	2019	1606	6	CRIM RM DIS TAX PTRATIO LSTAT	0.6899738
##	1747	1607	6	CRIM ZN RM DIS TAX LSTAT	0.6891040
##	2128	1608	6	ZN INDUS RM DIS B LSTAT	0.6889310
##	2198	1609	6	ZN NX RM DIS B LSTAT	0.6886208
##	2016	1610	6	CRIM RM DIS RAD PTRATIO LSTAT	0.6884489
##	2266	1611	6	ZN RM DIS RAD TAX LSTAT	0.6878665
##	2489	1612	6	RM AGE DIS TAX PTRATIO LSTAT	0.6878475
##	2502	1613	6	RM RAD TAX PTRATIO B LSTAT	0.6876446
##	2269	1614	6	ZN RM DIS RAD B LSTAT	0.6868773
##	2397	1615	6	INDUS RM DIS TAX PTRATIO LSTAT	0.6868147
##	2127	1616	6	ZN INDUS RM DIS PTRATIO LSTAT	0.6865183
##	2195	1617	6	ZN NX RM DIS TAX LSTAT	0.6858519
##	1680	1618	6	CRIM ZN NX RM DIS LSTAT	0.6857284
##	2253	1619	6	ZN RM AGE DIS B LSTAT	0.6857150
##	2025	1620	6	CRIM RM RAD PTRATIO B LSTAT	0.6854363
##	1624	1621	6	CRIM ZN INDUS RM DIS LSTAT	0.6851297
##	2268	1622	6	ZN RM DIS RAD PTRATIO LSTAT	0.6847503
##	2125	1623	6	ZN INDUS RM DIS TAX LSTAT	0.6846597
##	2252	1624	6	ZN RM AGE DIS PTRATIO LSTAT	0.6845812
##	2250	1625	6	ZN RM AGE DIS TAX LSTAT	0.6844485
##	2378	1626	6	INDUS RM AGE DIS PTRATIO LSTAT	0.6842415
##	2495	1627	6	RM AGE RAD PTRATIO B LSTAT	0.6838318
##	2403	1628	6	INDUS RM RAD PTRATIO B LSTAT	0.6831042
##	2394	1629	6	INDUS RM DIS RAD PTRATIO LSTAT	0.6829794
##	2499	1630	6	RM DIS RAD TAX B LSTAT	0.6826532
##	2011	1631	6	CRIM RM AGE PTRATIO B LSTAT	0.6826059

##	2389	1632	6	INDUS RM AGE PTRATIO B LSTAT	0.6825351
##	2486	1633	6	RM AGE DIS RAD PTRATIO LSTAT	0.6823568
##	1886	1634	6	CRIM INDUS RM PTRATIO B LSTAT	0.6821353
##	2277	1635	6	ZN RM RAD PTRATIO B LSTAT	0.6820459
##	2445	1636	6	NX RM AGE PTRATIO B LSTAT	0.6817741
##	2496	1637	6	RM AGE TAX PTRATIO B LSTAT	0.6816433
##	2459	1638	6	NX RM RAD PTRATIO B LSTAT	0.6816267
##	2263	1639	6	ZN RM AGE PTRATIO B LSTAT	0.6816120
##	2404	1640	6	INDUS RM TAX PTRATIO B LSTAT	0.6815424
##	2334	1641	6	INDUS NX RM PTRATIO B LSTAT	0.6812566
##	2138	1642	6	ZN INDUS RM PTRATIO B LSTAT	0.6811522
##	2490	1643	6	RM AGE DIS TAX B LSTAT	0.6810591
##	1876	1644	6	CRIM INDUS RM DIS B LSTAT	0.6807429
##	2020	1645	6	CRIM RM DIS TAX B LSTAT	0.6807232
##	2454	1646	6	NX RM DIS TAX B LSTAT	0.6803736
##	2398	1647	6	INDUS RM DIS TAX B LSTAT	0.6803458
##	1730	1648	6	CRIM ZN RM AGE DIS LSTAT	0.6802838
##	1744	1649	6	CRIM ZN RM DIS RAD LSTAT	0.6801347
##	1946	1650	6	CRIM NX RM DIS B LSTAT	0.6799064
##	1956	1651	6	CRIM NX RM PTRATIO B LSTAT	0.6798848
##	2023	1652	6	CRIM RM RAD TAX PTRATIO LSTAT	0.6795572
##	1760	1653	6	CRIM ZN RM PTRATIO B LSTAT	0.6795326
##	2026	1654	6	CRIM RM TAX PTRATIO B LSTAT	0.6794471
##	2208	1655	6	ZN NX RM PTRATIO B LSTAT	0.6790588
##	2460	1656	6	NX RM TAX PTRATIO B LSTAT	0.6789577
##	2278	1657	6	ZN RM TAX PTRATIO B LSTAT	0.6788469
##	2001	1658	6	CRIM RM AGE DIS B LSTAT	0.6786996
##	2324	1659	6	INDUS NX RM DIS B LSTAT	0.6774525
##	2379	1660	6	INDUS RM AGE DIS B LSTAT	0.6773663
##	2401	1661	6	INDUS RM RAD TAX PTRATIO LSTAT	0.6767857
##	2395	1662	6	INDUS RM DIS RAD B LSTAT	0.6764031
##	2017	1663	6	CRIM RM DIS RAD B LSTAT	0.6762202
##	2014	1664	6	CRIM RM DIS RAD TAX LSTAT	0.6761665
##	2192	1665	6	ZN NX RM DIS RAD LSTAT	0.6758234
##	2435	1666	6	NX RM AGE DIS B LSTAT	0.6757378
##	2122	1667	6	ZN INDUS RM DIS RAD LSTAT	0.6755314
##	2451	1668	6	NX RM DIS RAD B LSTAT	0.6755056
##	2493	1669	6	RM AGE RAD TAX PTRATIO LSTAT	0.6753445
##	2487	1670	6	RM AGE DIS RAD B LSTAT	0.6748946
##	2058	1671	6	ZN INDUS NX RM DIS LSTAT	0.6744662
##	2006	1672	6	CRIM RM AGE RAD PTRATIO LSTAT	0.6742329
##	1943	1673	6	CRIM NX RM DIS TAX LSTAT	0.6742303
##	1873	1674	6	CRIM INDUS RM DIS TAX LSTAT	0.6736488
##	1806	1675	6	CRIM INDUS NX RM DIS LSTAT	0.6735255
##	1998	1676	6	CRIM RM AGE DIS TAX LSTAT	0.6733178
##	1935	1677	6	CRIM NX RM AGE PTRATIO LSTAT	0.6730769
##	1881	1678	6	CRIM INDUS RM RAD PTRATIO LSTAT	0.6727474
##	1951	1679	6	CRIM NX RM RAD PTRATIO LSTAT	0.6725888
##	2009	1680	6	CRIM RM AGE TAX PTRATIO LSTAT	0.6723734
##	1865	1681	6	CRIM INDUS RM AGE PTRATIO LSTAT	0.6723623
##	1755	1682	6	CRIM ZN RM RAD PTRATIO LSTAT	0.6723456
##	1739	1683	6	CRIM ZN RM AGE PTRATIO LSTAT	0.6722168
##	2275	1684	6	ZN RM RAD TAX PTRATIO LSTAT	0.6721731
##	2247	1685	6	ZN RM AGE DIS RAD LSTAT	0.6721330

##	2457	1686	6	NX RM RAD TAX PTRATIO	LSTAT	0.6720838
##	1856	1687	6	CRIM INDUS RM AGE DIS	LSTAT	0.6719659
##	2448	1688	6	NX RM DIS RAD TAX	LSTAT	0.6714140
##	1884	1689	6	CRIM INDUS RM TAX PTRATIO	LSTAT	0.6713248
##	1815	1690	6	CRIM INDUS NX RM PTRATIO	LSTAT	0.6711221
##	2178	1691	6	ZN NX RM AGE DIS	LSTAT	0.6709876
##	1926	1692	6	CRIM NX RM AGE DIS	LSTAT	0.6709187
##	1633	1693	6	CRIM ZN INDUS RM PTRATIO	LSTAT	0.6706521
##	2484	1694	6	RM AGE DIS RAD TAX	LSTAT	0.6706492
##	2108	1695	6	ZN INDUS RM AGE DIS	LSTAT	0.6704470
##	2313	1696	6	INDUS NX RM AGE PTRATIO	LSTAT	0.6704179
##	1870	1697	6	CRIM INDUS RM DIS RAD	LSTAT	0.6703190
##	2432	1698	6	NX RM AGE DIS TAX	LSTAT	0.6702603
##	2387	1699	6	INDUS RM AGE TAX PTRATIO	LSTAT	0.6702592
##	2321	1700	6	INDUS NX RM DIS TAX	LSTAT	0.6702120
##	1940	1701	6	CRIM NX RM DIS RAD	LSTAT	0.6701696
##	2376	1702	6	INDUS RM AGE DIS TAX	LSTAT	0.6700019
##	2443	1703	6	NX RM AGE TAX PTRATIO	LSTAT	0.6698563
##	2392	1704	6	INDUS RM DIS RAD TAX	LSTAT	0.6698316
##	2440	1705	6	NX RM AGE RAD PTRATIO	LSTAT	0.6696785
##	1758	1706	6	CRIM ZN RM TAX PTRATIO	LSTAT	0.6694080
##	1689	1707	6	CRIM ZN NX RM PTRATIO	LSTAT	0.6693825
##	2261	1708	6	ZN RM AGE TAX PTRATIO	LSTAT	0.6693731
##	1954	1709	6	CRIM NX RM TAX PTRATIO	LSTAT	0.6693143
##	2187	1710	6	ZN NX RM AGE PTRATIO	LSTAT	0.6690625
##	2332	1711	6	INDUS NX RM TAX PTRATIO	LSTAT	0.6689007
##	2136	1712	6	ZN INDUS RM TAX PTRATIO	LSTAT	0.6686396
##	2117	1713	6	ZN INDUS RM AGE PTRATIO	LSTAT	0.6671595
##	2384	1714	6	INDUS RM AGE RAD PTRATIO	LSTAT	0.6671201
##	2067	1715	6	ZN INDUS NX RM PTRATIO	LSTAT	0.6671160
##	2258	1716	6	ZN RM AGE RAD PTRATIO	LSTAT	0.6670645
##	2329	1717	6	INDUS NX RM RAD PTRATIO	LSTAT	0.6669903
##	1995	1718	6	CRIM RM AGE DIS RAD	LSTAT	0.6668608
##	2206	1719	6	ZN NX RM TAX PTRATIO	LSTAT	0.6662584
##	2203	1720	6	ZN NX RM RAD PTRATIO	LSTAT	0.6658161
##	2133	1721	6	ZN INDUS RM RAD PTRATIO	LSTAT	0.6657077
##	2318	1722	6	INDUS NX RM DIS RAD	LSTAT	0.6651199
##	2458	1723	6	NX RM RAD TAX B	LSTAT	0.6649378
##	2024	1724	6	CRIM RM RAD TAX B	LSTAT	0.6649123
##	2402	1725	6	INDUS RM RAD TAX B	LSTAT	0.6646373
##	2494	1726	6	RM AGE RAD TAX B	LSTAT	0.6646222
##	2262	1727	6	ZN RM AGE TAX B	LSTAT	0.6641577
##	2373	1728	6	INDUS RM AGE DIS RAD	LSTAT	0.6640709
##	1740	1729	6	CRIM ZN RM AGE B	LSTAT	0.6640526
##	2207	1730	6	ZN NX RM TAX B	LSTAT	0.6638697
##	2429	1731	6	NX RM AGE DIS RAD	LSTAT	0.6630351
##	2276	1732	6	ZN RM RAD TAX B	LSTAT	0.6626508
##	2304	1733	6	INDUS NX RM AGE DIS	LSTAT	0.6625039
##	1690	1734	6	CRIM ZN NX RM B	LSTAT	0.6622790
##	1955	1735	6	CRIM NX RM TAX B	LSTAT	0.6621921
##	2010	1736	6	CRIM RM AGE TAX B	LSTAT	0.6620479
##	2444	1737	6	NX RM AGE TAX B	LSTAT	0.6618210
##	2137	1738	6	ZN INDUS RM TAX B	LSTAT	0.6615740
##	2333	1739	6	INDUS NX RM TAX B	LSTAT	0.6613685

## 2388	1740	6	INDUS RM AGE TAX B LSTAT	0.6612628
## 2188	1741	6	ZN NX RM AGE B LSTAT	0.6608318
## 1936	1742	6	CRIM NX RM AGE B LSTAT	0.6607706
## 2007	1743	6	CRIM RM AGE RAD B LSTAT	0.6607012
## 2259	1744	6	ZN RM AGE RAD B LSTAT	0.6607003
## 2118	1745	6	ZN INDUS RM AGE B LSTAT	0.6605485
## 1866	1746	6	CRIM INDUS RM AGE B LSTAT	0.6605341
## 1885	1747	6	CRIM INDUS RM TAX B LSTAT	0.6605176
## 1634	1748	6	CRIM ZN INDUS RM B LSTAT	0.6603438
## 1952	1749	6	CRIM NX RM RAD B LSTAT	0.6598863
## 1816	1750	6	CRIM INDUS NX RM B LSTAT	0.6598315
## 1756	1751	6	CRIM ZN RM RAD B LSTAT	0.6598070
## 1759	1752	6	CRIM ZN RM TAX B LSTAT	0.6597376
## 2204	1753	6	ZN NX RM RAD B LSTAT	0.6591309
## 1882	1754	6	CRIM INDUS RM RAD B LSTAT	0.6588644
## 2068	1755	6	ZN INDUS NX RM B LSTAT	0.6586685
## 2004	1756	6	CRIM RM AGE RAD TAX LSTAT	0.6584131
## 2441	1757	6	NX RM AGE RAD B LSTAT	0.6577417
## 2385	1758	6	INDUS RM AGE RAD B LSTAT	0.6574788
## 1879	1759	6	CRIM INDUS RM RAD TAX LSTAT	0.6574357
## 2314	1760	6	INDUS NX RM AGE B LSTAT	0.6573774
## 1737	1761	6	CRIM ZN RM AGE TAX LSTAT	0.6573388
## 2134	1762	6	ZN INDUS RM RAD B LSTAT	0.6572479
## 1949	1763	6	CRIM NX RM RAD TAX LSTAT	0.6571726
## 1753	1764	6	CRIM ZN RM RAD TAX LSTAT	0.6569767
## 2330	1765	6	INDUS NX RM RAD B LSTAT	0.6568891
## 2256	1766	6	ZN RM AGE RAD TAX LSTAT	0.6568576
## 1687	1767	6	CRIM ZN NX RM TAX LSTAT	0.6550341
## 2131	1768	6	ZN INDUS RM RAD TAX LSTAT	0.6549524
## 2115	1769	6	ZN INDUS RM AGE TAX LSTAT	0.6548483
## 2185	1770	6	ZN NX RM AGE TAX LSTAT	0.6545462
## 2201	1771	6	ZN NX RM RAD TAX LSTAT	0.6543793
## 1734	1772	6	CRIM ZN RM AGE RAD LSTAT	0.6538213
## 1675	1773	6	CRIM ZN NX RM AGE LSTAT	0.6538151
## 1619	1774	6	CRIM ZN INDUS RM AGE LSTAT	0.6538132
## 1933	1775	6	CRIM NX RM AGE TAX LSTAT	0.6537041
## 1631	1776	6	CRIM ZN INDUS RM TAX LSTAT	0.6536483
## 1863	1777	6	CRIM INDUS RM AGE TAX LSTAT	0.6535927
## 2382	1778	6	INDUS RM AGE RAD TAX LSTAT	0.6529932
## 2065	1779	6	ZN INDUS NX RM TAX LSTAT	0.6525898
## 1813	1780	6	CRIM INDUS NX RM TAX LSTAT	0.6525727
## 2438	1781	6	NX RM AGE RAD TAX LSTAT	0.6524292
## 2327	1782	6	INDUS NX RM RAD TAX LSTAT	0.6520290
## 1684	1783	6	CRIM ZN NX RM RAD LSTAT	0.6506374
## 1592	1784	6	CRIM ZN INDUS NX RM LSTAT	0.6505774
## 2479	1785	6	NX DIS RAD PTRATIO B LSTAT	0.6504184
## 2311	1786	6	INDUS NX RM AGE TAX LSTAT	0.6504021
## 1860	1787	6	CRIM INDUS RM AGE RAD LSTAT	0.6501411
## 1801	1788	6	CRIM INDUS NX RM AGE LSTAT	0.6501202
## 2238	1789	6	ZN NX DIS PTRATIO B LSTAT	0.6500628
## 1930	1790	6	CRIM NX RM AGE RAD LSTAT	0.6500045
## 2477	1791	6	NX DIS RAD TAX PTRATIO LSTAT	0.6497562
## 1628	1792	6	CRIM ZN INDUS RM RAD LSTAT	0.6496794
## 1981	1793	6	CRIM NX DIS RAD PTRATIO LSTAT	0.6491243

##	1810	1794	6	CRIM	INDUS	NX	RM	RAD	LSTAT	0.6485012
##	2182	1795	6							
##	2112	1796	6							
##	2295	1797	6							
##	1714	1798	6	CRIM	ZN	NX	DIS	PTRATIO	LSTAT	0.6463631
##	2509	1799	6							
##	2062	1800	6							
##	2053	1801	6							
##	2308	1802	6							
##	2233	1803	6							
##	2217	1804	6							
##	2236	1805	6							
##	2092	1806	6							
##	2168	1807	6							
##	2364	1808	6							
##	1986	1809	6							
##	2470	1810	6							
##	2480	1811	6							
##	2298	1812	6							
##	2465	1813	6							
##	2043	1814	6							
##	1790	1815	6							
##	2359	1816	6							
##	2296	1817	6							
##	1783	1818	6							
##	1840	1819	6							
##	1658	1820	6							
##	1965	1821	6							
##	2297	1822	6							
##	1984	1823	6							
##	2288	1824	6							
##	2343	1825	6							
##	2166	1826	6							
##	2362	1827	6							
##	2468	1828	6							
##	1788	1829	6							
##	2423	1830	6							
##	2421	1831	6							
##	1916	1832	6							
##	2045	1833	6							
##	2286	1834	6							
##	2504	1835	6							
##	1785	1836	6							
##	2424	1837	6							
##	2231	1838	6							
##	2414	1839	6							
##	2147	1840	6							
##	1769	1841	6							
##	2163	1842	6							
##	2161	1843	6							
##	2167	1844	6							
##	1911	1845	6							
##	2508	1846	6							
##	1659	1847	6							

##	2281	1848	6	ZN AGE DIS RAD TAX LSTAT	0.6277625
##	2506	1849	6	AGE DIS RAD PTRATIO B LSTAT	0.6268256
##	2046	1850	6	CRIM DIS TAX PTRATIO B LSTAT	0.6263337
##	2237	1851	6	ZN NX DIS TAX B LSTAT	0.6261617
##	1656	1852	6	CRIM ZN INDUS DIS TAX LSTAT	0.6258816
##	1789	1853	6	CRIM ZN DIS TAX B LSTAT	0.6258294
##	2507	1854	6	AGE DIS TAX PTRATIO B LSTAT	0.6257164
##	2036	1855	6	CRIM AGE DIS PTRATIO B LSTAT	0.6257078
##	2287	1856	6	ZN AGE DIS TAX B LSTAT	0.6244606
##	1603	1857	6	CRIM ZN INDUS NX DIS LSTAT	0.6242943
##	1914	1858	6	CRIM INDUS DIS TAX PTRATIO LSTAT	0.6239314
##	1895	1859	6	CRIM INDUS AGE DIS PTRATIO LSTAT	0.6237924
##	1712	1860	6	CRIM ZN NX DIS TAX LSTAT	0.6234434
##	2093	1861	6	ZN INDUS NX DIS B LSTAT	0.6232043
##	2433	1862	6	NX RM AGE DIS PTRATIO B	0.6231741
##	2047	1863	6	CRIM RAD TAX PTRATIO B LSTAT	0.6229717
##	2038	1864	6	CRIM AGE RAD TAX PTRATIO LSTAT	0.6224407
##	2090	1865	6	ZN INDUS NX DIS TAX LSTAT	0.6223838
##	2425	1866	6	INDUS RAD TAX PTRATIO B LSTAT	0.6222691
##	1715	1867	6	CRIM ZN NX DIS B LSTAT	0.6220562
##	2474	1868	6	NX AGE RAD PTRATIO B LSTAT	0.6217496
##	2145	1869	6	ZN INDUS AGE DIS TAX LSTAT	0.6213153
##	2148	1870	6	ZN INDUS AGE DIS B LSTAT	0.6212055
##	1639	1871	6	CRIM ZN INDUS AGE DIS LSTAT	0.6210969
##	2164	1872	6	ZN INDUS DIS RAD B LSTAT	0.6210607
##	2283	1873	6	ZN AGE DIS RAD PTRATIO LSTAT	0.6209948
##	2472	1874	6	NX AGE RAD TAX PTRATIO LSTAT	0.6207412
##	1653	1875	6	CRIM ZN INDUS DIS RAD LSTAT	0.6207016
##	2215	1876	6	ZN NX AGE DIS TAX LSTAT	0.6205180
##	2412	1877	6	INDUS AGE DIS TAX PTRATIO LSTAT	0.6205148
##	1767	1878	6	CRIM ZN AGE DIS TAX LSTAT	0.6202476
##	2409	1879	6	INDUS AGE DIS RAD PTRATIO LSTAT	0.6192074
##	2290	1880	6	ZN AGE RAD TAX PTRATIO LSTAT	0.6189529
##	2031	1881	6	CRIM AGE DIS RAD PTRATIO LSTAT	0.6187841
##	2299	1882	6	ZN RAD TAX PTRATIO B LSTAT	0.6186364
##	2481	1883	6	NX RAD TAX PTRATIO B LSTAT	0.6185532
##	2034	1884	6	CRIM AGE DIS TAX PTRATIO LSTAT	0.6180298
##	1971	1885	6	CRIM NX AGE RAD PTRATIO LSTAT	0.6177727
##	2040	1886	6	CRIM AGE RAD PTRATIO B LSTAT	0.6173135
##	1999	1887	6	CRIM RM AGE DIS PTRATIO B	0.6170884
##	1695	1888	6	CRIM ZN NX AGE DIS LSTAT	0.6170802
##	1924	1889	6	CRIM NX RM AGE DIS PTRATIO	0.6164654
##	2218	1890	6	ZN NX AGE DIS B LSTAT	0.6163019
##	1770	1891	6	CRIM ZN AGE DIS B LSTAT	0.6157750
##	1786	1892	6	CRIM ZN DIS RAD B LSTAT	0.6155353
##	2292	1893	6	ZN AGE RAD PTRATIO B LSTAT	0.6155028
##	1918	1894	6	CRIM INDUS RAD TAX PTRATIO LSTAT	0.6154305
##	1709	1895	6	CRIM ZN NX DIS RAD LSTAT	0.6154078
##	2377	1896	6	INDUS RM AGE DIS PTRATIO B	0.6153959
##	1944	1897	6	CRIM NX RM DIS PTRATIO B	0.6153649
##	2416	1898	6	INDUS AGE RAD TAX PTRATIO LSTAT	0.6152838
##	2234	1899	6	ZN NX DIS RAD B LSTAT	0.6152417
##	2488	1900	6	RM AGE DIS TAX PTRATIO B	0.6145438
##	2418	1901	6	INDUS AGE RAD PTRATIO B LSTAT	0.6141899

## 1792	1902	6	CRIM ZN RAD TAX PTRATIO LSTAT	0.6132666
## 2073	1903	6	ZN INDUS NX AGE DIS LSTAT	0.6132415
## 1988	1904	6	CRIM NX RAD TAX PTRATIO LSTAT	0.6131474
## 2228	1905	6	ZN NX AGE PTRATIO B LSTAT	0.6130473
## 2087	1906	6	ZN INDUS NX DIS RAD LSTAT	0.6130117
## 1780	1907	6	CRIM ZN AGE PTRATIO B LSTAT	0.6116976
## 2475	1908	6	NX AGE TAX PTRATIO B LSTAT	0.6116129
## 2354	1909	6	INDUS NX AGE PTRATIO B LSTAT	0.6115967
## 1976	1910	6	CRIM NX AGE PTRATIO B LSTAT	0.6115338
## 2293	1911	6	ZN AGE TAX PTRATIO B LSTAT	0.6112840
## 1990	1912	6	CRIM NX RAD PTRATIO B LSTAT	0.6110342
## 2158	1913	6	ZN INDUS AGE PTRATIO B LSTAT	0.6110157
## 2142	1914	6	ZN INDUS AGE DIS RAD LSTAT	0.6102954
## 1794	1915	6	CRIM ZN RAD PTRATIO B LSTAT	0.6100709
## 1920	1916	6	CRIM INDUS RAD PTRATIO B LSTAT	0.6100339
## 2366	1917	6	INDUS NX RAD TAX PTRATIO LSTAT	0.6100001
## 2322	1918	6	INDUS NX RM DIS PTRATIO B	0.6099103
## 2284	1919	6	ZN AGE DIS RAD B LSTAT	0.6099063
## 2223	1920	6	ZN NX AGE RAD PTRATIO LSTAT	0.6098350
## 2349	1921	6	INDUS NX AGE RAD PTRATIO LSTAT	0.6096169
## 2170	1922	6	ZN INDUS RAD TAX PTRATIO LSTAT	0.6093287
## 2196	1923	6	ZN NX RM DIS PTRATIO B	0.6088866
## 1906	1924	6	CRIM INDUS AGE PTRATIO B LSTAT	0.6087493
## 2041	1925	6	CRIM AGE TAX PTRATIO B LSTAT	0.6085979
## 1775	1926	6	CRIM ZN AGE RAD PTRATIO LSTAT	0.6085963
## 2449	1927	6	NX RM DIS RAD PTRATIO B	0.6084723
## 2419	1928	6	INDUS AGE TAX PTRATIO B LSTAT	0.6083378
## 2452	1929	6	NX RM DIS TAX PTRATIO B	0.6080622
## 2251	1930	6	ZN RM AGE DIS PTRATIO B	0.6080112
## 1901	1931	6	CRIM INDUS AGE RAD PTRATIO LSTAT	0.6074998
## 1704	1932	6	CRIM ZN NX AGE PTRATIO LSTAT	0.6074814
## 2368	1933	6	INDUS NX RAD PTRATIO B LSTAT	0.6074462
## 2485	1934	6	RM AGE DIS RAD PTRATIO B	0.6074047
## 1938	1935	6	CRIM NX RM DIS RAD PTRATIO	0.6069863
## 1854	1936	6	CRIM INDUS RM AGE DIS PTRATIO	0.6068583
## 2242	1937	6	ZN NX RAD PTRATIO B LSTAT	0.6067870
## 1764	1938	6	CRIM ZN AGE DIS RAD LSTAT	0.6065499
## 2212	1939	6	ZN NX AGE DIS RAD LSTAT	0.6063332
## 2172	1940	6	ZN INDUS RAD PTRATIO B LSTAT	0.6060609
## 1974	1941	6	CRIM NX AGE TAX PTRATIO LSTAT	0.6059299
## 1830	1942	6	CRIM INDUS NX AGE PTRATIO LSTAT	0.6059053
## 1804	1943	6	CRIM INDUS NX RM DIS PTRATIO	0.6056788
## 2226	1944	6	ZN NX AGE TAX PTRATIO LSTAT	0.6055480
## 2082	1945	6	ZN INDUS NX AGE PTRATIO LSTAT	0.6055465
## 2240	1946	6	ZN NX RAD TAX PTRATIO LSTAT	0.6055095
## 1678	1947	6	CRIM ZN NX RM DIS PTRATIO	0.6049497
## 1778	1948	6	CRIM ZN AGE TAX PTRATIO LSTAT	0.6047099
## 2352	1949	6	INDUS NX AGE TAX PTRATIO LSTAT	0.6042890
## 1648	1950	6	CRIM ZN INDUS AGE PTRATIO LSTAT	0.6042629
## 2430	1951	6	NX RM AGE DIS TAX PTRATIO	0.6037646
## 2022	1952	6	CRIM RM RAD TAX PTRATIO B	0.6028949
## 2156	1953	6	ZN INDUS AGE TAX PTRATIO LSTAT	0.6028824
## 1950	1954	6	CRIM NX RM RAD PTRATIO B	0.6024770
## 2492	1955	6	RM AGE RAD TAX PTRATIO B	0.6024394

##	2249	1956	6		ZN RM AGE DIS TAX B	0.6020429
##	1941	1957	6		CRIM NX RM DIS TAX PTRATIO	0.6019661
##	2153	1958	6		ZN INDUS AGE RAD PTRATIO LSTAT	0.6019305
##	2422	1959	6		INDUS DIS RAD TAX B LSTAT	0.6016845
##	1996	1960	6		CRIM RM AGE DIS TAX PTRATIO	0.6015672
##	2302	1961	6		INDUS NX RM AGE DIS PTRATIO	0.6014659
##	1904	1962	6		CRIM INDUS AGE TAX PTRATIO LSTAT	0.6014057
##	2044	1963	6		CRIM DIS RAD TAX B LSTAT	0.6011879
##	1846	1964	6		CRIM INDUS NX RAD PTRATIO LSTAT	0.6011273
##	2456	1965	6		NX RM RAD TAX PTRATIO B	0.6008709
##	1720	1966	6		CRIM ZN NX RAD PTRATIO LSTAT	0.6007088
##	1909	1967	6		CRIM INDUS DIS RAD TAX LSTAT	0.5999767
##	2005	1968	6		CRIM RM AGE RAD PTRATIO B	0.5999575
##	1855	1969	6		CRIM INDUS RM AGE DIS B	0.5999174
##	2478	1970	6		NX DIS RAD TAX B LSTAT	0.5999079
##	1874	1971	6		CRIM INDUS RM DIS PTRATIO B	0.5994254
##	1934	1972	6		CRIM NX RM AGE PTRATIO B	0.5991995
##	2291	1973	6		ZN AGE RAD TAX B LSTAT	0.5991663
##	1669	1974	6		CRIM ZN INDUS PTRATIO B LSTAT	0.5990186
##	1979	1975	6		CRIM NX DIS RAD TAX LSTAT	0.5988806
##	1664	1976	6		CRIM ZN INDUS RAD PTRATIO LSTAT	0.5988664
##	1921	1977	6		CRIM INDUS TAX PTRATIO B LSTAT	0.5988270
##	1851	1978	6		CRIM INDUS NX PTRATIO B LSTAT	0.5987872
##	2173	1979	6		ZN INDUS TAX PTRATIO B LSTAT	0.5987567
##	2103	1980	6		ZN INDUS NX PTRATIO B LSTAT	0.5987529
##	2369	1981	6		INDUS NX TAX PTRATIO B LSTAT	0.5985797
##	1991	1982	6		CRIM NX TAX PTRATIO B LSTAT	0.5982767
##	1725	1983	6		CRIM ZN NX PTRATIO B LSTAT	0.5982507
##	1795	1984	6		CRIM ZN TAX PTRATIO B LSTAT	0.5982460
##	2008	1985	6		CRIM RM AGE TAX PTRATIO B	0.5981794
##	2427	1986	6		NX RM AGE DIS RAD PTRATIO	0.5981026
##	2176	1987	6		ZN NX RM AGE DIS PTRATIO	0.5980979
##	1841	1988	6		CRIM INDUS NX DIS B LSTAT	0.5980930
##	2243	1989	6		ZN NX TAX PTRATIO B LSTAT	0.5979993
##	1864	1990	6		CRIM INDUS RM AGE PTRATIO B	0.5978926
##	1738	1991	6		CRIM ZN RM AGE PTRATIO B	0.5975391
##	1915	1992	6		CRIM INDUS DIS TAX B LSTAT	0.5973458
##	1773	1993	6		CRIM ZN AGE RAD TAX LSTAT	0.5972860
##	1728	1994	6		CRIM ZN RM AGE DIS PTRATIO	0.5969391
##	2505	1995	6		AGE DIS RAD TAX B LSTAT	0.5968999
##	2363	1996	6		INDUS NX DIS TAX B LSTAT	0.5965776
##	1912	1997	6		CRIM INDUS DIS RAD B LSTAT	0.5964475
##	1814	1998	6		CRIM INDUS NX RM PTRATIO B	0.5964152
##	1953	1999	6		CRIM NX RM TAX PTRATIO B	0.5963580
##	1688	2000	6		CRIM ZN NX RM PTRATIO B	0.5963401
##	1729	2001	6		CRIM ZN RM AGE DIS B	0.5960163
##	1896	2002	6		CRIM INDUS AGE DIS B LSTAT	0.5958152
##	2413	2003	6		INDUS AGE DIS TAX B LSTAT	0.5952459
##	1947	2004	6		CRIM NX RM RAD TAX PTRATIO	0.5951181
##	2375	2005	6		INDUS RM AGE DIS TAX B	0.5947458
##	1997	2006	6		CRIM RM AGE DIS TAX B	0.5947457
##	2374	2007	6		INDUS RM AGE DIS TAX PTRATIO	0.5947451
##	2442	2008	6		NX RM AGE TAX PTRATIO B	0.5946606
##	2446	2009	6		NX RM DIS RAD TAX PTRATIO	0.5946476

##	1993	2010	6	CRIM RM AGE DIS RAD PTRATIO	0.5945818
##	2357	2011	6	INDUS NX DIS RAD TAX LSTAT	0.5944721
##	2274	2012	6	ZN RM RAD TAX PTRATIO B	0.5944033
##	1838	2013	6	CRIM INDUS NX DIS TAX LSTAT	0.5942605
##	1614	2014	6	CRIM ZN INDUS RM AGE DIS	0.5941935
##	2439	2015	6	NX RM AGE RAD PTRATIO B	0.5940745
##	2186	2016	6	ZN NX RM AGE PTRATIO B	0.5940337
##	2344	2017	6	INDUS NX AGE DIS B LSTAT	0.5939019
##	1727	2018	6	CRIM ZN RM AGE DIS TAX	0.5938726
##	2260	2019	6	ZN RM AGE TAX PTRATIO B	0.5938275
##	2482	2020	6	RM AGE DIS RAD TAX PTRATIO	0.5938027
##	2386	2021	6	INDUS RM AGE TAX PTRATIO B	0.5937806
##	2029	2022	6	CRIM AGE DIS RAD TAX LSTAT	0.5936612
##	2360	2023	6	INDUS NX DIS RAD B LSTAT	0.5935907
##	1880	2024	6	CRIM INDUS RM RAD PTRATIO B	0.5935835
##	2098	2025	6	ZN INDUS NX RAD PTRATIO LSTAT	0.5935450
##	2248	2026	6	ZN RM AGE DIS TAX PTRATIO	0.5934772
##	1835	2027	6	CRIM INDUS NX DIS RAD LSTAT	0.5934330
##	2312	2028	6	INDUS NX RM AGE PTRATIO B	0.5932688
##	1821	2029	6	CRIM INDUS NX AGE DIS LSTAT	0.5931787
##	2400	2030	6	INDUS RM RAD TAX PTRATIO B	0.5931738
##	2497	2031	6	RM DIS RAD TAX PTRATIO B	0.5931584
##	2107	2032	6	ZN INDUS RM AGE DIS B	0.5929382
##	2002	2033	6	CRIM RM AGE RAD TAX PTRATIO	0.5927057
##	2396	2034	6	INDUS RM DIS TAX PTRATIO B	0.5925735
##	2407	2035	6	INDUS AGE DIS RAD TAX LSTAT	0.5920366
##	2126	2036	6	ZN INDUS RM DIS PTRATIO B	0.5919710
##	1893	2037	6	CRIM INDUS AGE DIS TAX LSTAT	0.5918922
##	1883	2038	6	CRIM INDUS RM TAX PTRATIO B	0.5916770
##	2116	2039	6	ZN INDUS RM AGE PTRATIO B	0.5916302
##	1632	2040	6	CRIM ZN INDUS RM PTRATIO B	0.5915978
##	1612	2041	6	CRIM ZN INDUS NX PTRATIO LSTAT	0.5915576
##	1667	2042	6	CRIM ZN INDUS TAX PTRATIO LSTAT	0.5915496
##	2270	2043	6	ZN RM DIS TAX PTRATIO B	0.5915110
##	1849	2044	6	CRIM INDUS NX TAX PTRATIO LSTAT	0.5914420
##	2202	2045	6	ZN NX RM RAD PTRATIO B	0.5914363
##	1985	2046	6	CRIM NX DIS TAX B LSTAT	0.5913975
##	2383	2047	6	INDUS RM AGE RAD PTRATIO B	0.5913338
##	2410	2048	6	INDUS AGE DIS RAD B LSTAT	0.5913107
##	2463	2049	6	NX AGE DIS RAD TAX LSTAT	0.5912587
##	2328	2050	6	INDUS NX RM RAD PTRATIO B	0.5911806
##	2331	2051	6	INDUS NX RM TAX PTRATIO B	0.5911591
##	2205	2052	6	ZN NX RM TAX PTRATIO B	0.5911553
##	2193	2053	6	ZN NX RM DIS TAX PTRATIO	0.5911345
##	2483	2054	6	RM AGE DIS RAD TAX B	0.5909884
##	1723	2055	6	CRIM ZN NX TAX PTRATIO LSTAT	0.5909715
##	2257	2056	6	ZN RM AGE RAD PTRATIO B	0.5908081
##	1748	2057	6	CRIM ZN RM DIS PTRATIO B	0.5905052
##	1757	2058	6	CRIM ZN RM TAX PTRATIO B	0.5904833
##	2151	2059	6	ZN INDUS AGE RAD TAX LSTAT	0.5904185
##	2319	2060	6	INDUS NX RM DIS TAX PTRATIO	0.5904069
##	2066	2061	6	ZN INDUS NX RM PTRATIO B	0.5902645
##	2469	2062	6	NX AGE DIS TAX B LSTAT	0.5902000
##	2101	2063	6	ZN INDUS NX TAX PTRATIO LSTAT	0.5901434

##	2018	2064	6	CRIM RM DIS TAX PTRATIO B	0.5901184
##	2341	2065	6	INDUS NX AGE DIS TAX LSTAT	0.5900990
##	2221	2066	6	ZN NX AGE RAD TAX LSTAT	0.5900578
##	1925	2067	6	CRIM NX RM AGE DIS B	0.5900262
##	1623	2068	6	CRIM ZN INDUS RM DIS B	0.5899193
##	2431	2069	6	NX RM AGE DIS TAX B	0.5898405
##	1890	2070	6	CRIM INDUS AGE DIS RAD LSTAT	0.5893758
##	2056	2071	6	ZN INDUS NX RM DIS PTRATIO	0.5886743
##	2372	2072	6	INDUS RM AGE DIS RAD B	0.5886711
##	2393	2073	6	INDUS RM DIS RAD PTRATIO B	0.5886440
##	1853	2074	6	CRIM INDUS RM AGE DIS TAX	0.5885375
##	1754	2075	6	CRIM ZN RM RAD PTRATIO B	0.5878374
##	2035	2076	6	CRIM AGE DIS TAX B LSTAT	0.5877767
##	1982	2077	6	CRIM NX DIS RAD B LSTAT	0.5877383
##	1966	2078	6	CRIM NX AGE DIS B LSTAT	0.5876575
##	2316	2079	6	INDUS NX RM DIS RAD PTRATIO	0.5874198
##	2371	2080	6	INDUS RM AGE DIS RAD PTRATIO	0.5873974
##	1963	2081	6	CRIM NX AGE DIS TAX LSTAT	0.5868859
##	1796	2082	6	CRIM INDUS NX RM AGE DIS	0.5867516
##	1622	2083	6	CRIM ZN INDUS RM DIS PTRATIO	0.5867494
##	2135	2084	6	ZN INDUS RM TAX PTRATIO B	0.5867084
##	1779	2085	6	CRIM ZN AGE TAX B LSTAT	0.5866370
##	2227	2086	6	ZN NX AGE TAX B LSTAT	0.5863038
##	2303	2087	6	INDUS NX RM AGE DIS B	0.5860027
##	1928	2088	6	CRIM NX RM AGE RAD PTRATIO	0.5859681
##	2157	2089	6	ZN INDUS AGE TAX B LSTAT	0.5857619
##	2124	2090	6	ZN INDUS RM DIS TAX B	0.5856781
##	2015	2091	6	CRIM RM DIS RAD PTRATIO B	0.5856280
##	2246	2092	6	ZN RM AGE DIS RAD B	0.5856171
##	1751	2093	6	CRIM ZN RM RAD TAX PTRATIO	0.5856157
##	2105	2094	6	ZN INDUS RM AGE DIS TAX	0.5855692
##	1670	2095	6	CRIM ZN NX RM AGE DIS	0.5855380
##	1994	2096	6	CRIM RM AGE DIS RAD B	0.5852432
##	2338	2097	6	INDUS NX AGE DIS RAD LSTAT	0.5850570
##	1746	2098	6	CRIM ZN RM DIS TAX B	0.5848485
##	1679	2099	6	CRIM ZN NX RM DIS B	0.5848172
##	2241	2100	6	ZN NX RAD TAX B LSTAT	0.5847687
##	1682	2101	6	CRIM ZN NX RM RAD PTRATIO	0.5847443
##	1808	2102	6	CRIM INDUS NX RM RAD PTRATIO	0.5846849
##	2194	2103	6	ZN NX RM DIS TAX B	0.5846563
##	1877	2104	6	CRIM INDUS RM RAD TAX PTRATIO	0.5843946
##	2190	2105	6	ZN NX RM DIS RAD PTRATIO	0.5843466
##	1587	2106	6	CRIM ZN INDUS NX RM DIS	0.5839717
##	1931	2107	6	CRIM NX RM AGE TAX PTRATIO	0.5838149
##	2106	2108	6	ZN INDUS RM AGE DIS PTRATIO	0.5838012
##	1649	2109	6	CRIM ZN INDUS AGE B LSTAT	0.5837977
##	1992	2110	6	CRIM RM AGE DIS RAD TAX	0.5837221
##	1852	2111	6	CRIM INDUS RM AGE DIS RAD	0.5836883
##	1673	2112	6	CRIM ZN NX RM AGE PTRATIO	0.5835381
##	2039	2113	6	CRIM AGE RAD TAX B LSTAT	0.5834453
##	1776	2114	6	CRIM ZN AGE RAD B LSTAT	0.5833491
##	2466	2115	6	NX AGE DIS RAD B LSTAT	0.5832059
##	1799	2116	6	CRIM INDUS NX RM AGE PTRATIO	0.5831922
##	1871	2117	6	CRIM INDUS RM DIS TAX PTRATIO	0.5830348

##	2175	2118	6			ZN NX RM AGE DIS TAX	0.5830105
##	2177	2119	6			ZN NX RM AGE DIS B	0.5829744
##	2132	2120	6			ZN INDUS RM RAD PTRATIO B	0.5829282
##	1923	2121	6			CRIM NX RM AGE DIS TAX	0.5829047
##	2012	2122	6			CRIM RM DIS RAD TAX PTRATIO	0.5827703
##	1705	2123	6			CRIM ZN NX AGE B LSTAT	0.5827378
##	2265	2124	6			ZN RM DIS RAD TAX B	0.5824343
##	2244	2125	6			ZN RM AGE DIS RAD TAX	0.5817039
##	1702	2126	6			CRIM ZN NX AGE TAX LSTAT	0.5816981
##	1960	2127	6			CRIM NX AGE DIS RAD LSTAT	0.5816660
##	1861	2128	6			CRIM INDUS RM AGE TAX PTRATIO	0.5816570
##	1646	2129	6			CRIM ZN INDUS AGE TAX LSTAT	0.5816275
##	1811	2130	6			CRIM INDUS NX RM TAX PTRATIO	0.5815955
##	1685	2131	6			CRIM ZN NX RM TAX PTRATIO	0.5814793
##	1621	2132	6			CRIM ZN INDUS RM DIS TAX	0.5814442
##	1677	2133	6			CRIM ZN NX RM DIS TAX	0.5813390
##	1590	2134	6			CRIM ZN INDUS NX RM PTRATIO	0.5813057
##	1735	2135	6			CRIM ZN RM AGE TAX PTRATIO	0.5812143
##	1805	2136	6			CRIM INDUS NX RM DIS B	0.5810166
##	1868	2137	6			CRIM INDUS RM DIS RAD PTRATIO	0.5809938
##	1858	2138	6			CRIM INDUS RM AGE RAD PTRATIO	0.5807372
##	2083	2139	6			ZN INDUS NX AGE B LSTAT	0.5806559
##	2154	2140	6			ZN INDUS AGE RAD B LSTAT	0.5805969
##	1752	2141	6			CRIM ZN RM RAD TAX B	0.5804896
##	1718	2142	6			CRIM ZN NX RAD TAX LSTAT	0.5803225
##	2032	2143	6			CRIM AGE DIS RAD B LSTAT	0.5801366
##	2171	2144	6			ZN INDUS RAD TAX B LSTAT	0.5800372
##	1617	2145	6			CRIM ZN INDUS RM AGE PTRATIO	0.5800101
##	1793	2146	6			CRIM ZN RAD TAX B LSTAT	0.5800011
##	2417	2147	6			INDUS AGE RAD TAX B LSTAT	0.5799980
##	1745	2148	6			CRIM ZN RM DIS TAX PTRATIO	0.5799446
##	2473	2149	6			NX AGE RAD TAX B LSTAT	0.5798794
##	2080	2150	6			ZN INDUS NX AGE TAX LSTAT	0.5795507
##	2003	2151	6			CRIM RM AGE RAD TAX B	0.5793467
##	2224	2152	6			ZN NX AGE RAD B LSTAT	0.5792552
##	2428	2153	6			NX RM AGE DIS RAD B	0.5792133
##	2436	2154	6			NX RM AGE RAD TAX PTRATIO	0.5787992
##	2267	2155	6			ZN RM DIS RAD PTRATIO B	0.5784158
##	1741	2156	6			CRIM ZN RM DIS RAD TAX	0.5783598
##	1732	2157	6			CRIM ZN RM AGE RAD PTRATIO	0.5782791
##	2057	2158	6			ZN INDUS NX RM DIS B	0.5778126
##	1643	2159	6			CRIM ZN INDUS AGE RAD LSTAT	0.5777747
##	1726	2160	6			CRIM ZN RM AGE DIS RAD	0.5774171
##	1598	2161	6			CRIM ZN INDUS NX AGE LSTAT	0.5773907
##	2245	2162	6			ZN RM AGE DIS RAD PTRATIO	0.5773087
##	1872	2163	6			CRIM INDUS RM DIS TAX B	0.5770961
##	1899	2164	6			CRIM INDUS AGE RAD TAX LSTAT	0.5770694
##	1662	2165	6			CRIM ZN INDUS RAD TAX LSTAT	0.5770363
##	1969	2166	6			CRIM NX AGE RAD TAX LSTAT	0.5768820
##	2325	2167	6			INDUS NX RM RAD TAX PTRATIO	0.5765336
##	2199	2168	6			ZN NX RM RAD TAX PTRATIO	0.5762098
##	1699	2169	6			CRIM ZN NX AGE RAD LSTAT	0.5760807
##	1629	2170	6			CRIM ZN INDUS RM TAX PTRATIO	0.5757664
##	2254	2171	6			ZN RM AGE RAD TAX PTRATIO	0.5756475

	ZN	INDUS	RM	DIS	RAD	B	0.5756391		
INDUS	RM	AGE	RAD	TAX	PTRATIO		0.5756389		
	CRIM	ZN	RM	AGE	TAX	B	0.5755483		
	CRIM	NX	RAD	TAX	B	LSTAT	0.5753734		
ZN	INDUS	RM	DIS	TAX	PTRATIO		0.5747206		
	INDUS	NX	RM	AGE	DIS	TAX	0.5747191		
	ZN	INDUS	NX	RAD	TAX	LSTAT	0.5745642		
	ZN	INDUS	RM	AGE	DIS	RAD	0.5739544		
	CRIM	NX	RM	AGE	DIS	RAD	0.5738948		
		ZN	RM	AGE	RAD	TAX	B	0.573848	
CRIM	ZN	INDUS	RM	RAD	PTRATIO		0.5737612		
	ZN	NX	RM	AGE	TAX	PTRATIO		0.5736851	
		CRIM	NX	RM	DIS	TAX	B	0.5735853	
		CRIM	INDUS	RM	DIS	RAD	B	0.5735348	
INDUS	NX	RM	AGE	TAX	PTRATIO		0.5734347		
	CRIM	ZN	INDUS	RM	DIS	RAD		0.5734137	
		CRIM	INDUS	RM	AGE	TAX	B	0.5733334	
		INDUS	RM	AGE	DIS	RAD	TAX	0.5730922	
CRIM	INDUS	RAD	TAX	B	LSTAT		0.5729687		
		CRIM	NX	RM	AGE	TAX	B	0.5729499	
		INDUS	NX	RM	DIS	TAX	B	0.5728876	
		CRIM	ZN	INDUS	RM	TAX	B	0.5727298	
		CRIM	INDUS	RM	RAD	TAX	B	0.5723870	
INDUS	NX	RAD	TAX	B	LSTAT		0.5721107		
		CRIM	ZN	NX	TAX	B	LSTAT	0.5719994	
		CRIM	ZN	INDUS	RM	AGE	B	0.5718137	
			CRIM	ZN	NX	RM	TAX	B	0.5714683
		ZN	INDUS	NX	TAX	B	LSTAT	0.5714494	
		ZN	RM	DIS	RAD	TAX	PTRATIO	0.5714401	
			CRIM	NX	RM	RAD	TAX	B	0.5714339
CRIM	INDUS	AGE	TAX	B	LSTAT		0.5713764		
ZN	INDUS	RM	AGE	TAX	PTRATIO		0.5711289		
	INDUS	NX	AGE	RAD	TAX	LSTAT	0.5710079		
CRIM	INDUS	AGE	RAD	B	LSTAT		0.5708926		
		ZN	NX	RM	AGE	TAX	B	0.5707783	
			NX	RM	AGE	RAD	TAX	B	0.5707162
		ZN	INDUS	NX	RM	DIS	TAX	0.5707126	
		CRIM	INDUS	NX	RM	DIS	TAX	0.5706514	
		INDUS	NX	AGE	TAX	B	LSTAT	0.5706345	
		ZN	INDUS	NX	AGE	RAD	LSTAT	0.5706323	
ZN	INDUS	NX	RM	TAX	PTRATIO		0.5703933		
		INDUS	RM	AGE	RAD	TAX	B	0.5703242	
		CRIM	INDUS	NX	RM	AGE	B	0.5702209	
			CRIM	RM	DIS	RAD	TAX	B	0.5701958
		CRIM	NX	AGE	TAX	B	LSTAT	0.5700193	
		CRIM	INDUS	RM	AGE	RAD	B	0.5700121	
INDUS	RM	DIS	RAD	TAX	PTRATIO		0.5699552		
			NX	RM	AGE	DIS	RAD	TAX	0.5699364
		ZN	INDUS	RM	AGE	TAX	B	0.5699325	
			ZN	NX	RM	DIS	RAD	B	0.5699099
CRIM	INDUS	NX	AGE	B	LSTAT		0.5697991		
		ZN	INDUS	RM	RAD	TAX	B	0.5697926	
			ZN	NX	RM	RAD	TAX	B	0.5695682
			CRIM	ZN	NX	RM	DIS	RAD	0.5695641

## 1733	2226	6	CRIM ZN RM AGE RAD B	0.5694873
## 1674	2227	6	CRIM ZN NX RM AGE B	0.5693391
## 2051	2228	6	ZN INDUS NX RM AGE PTRATIO	0.5691809
## 2180	2229	6	ZN NX RM AGE RAD PTRATIO	0.5691166
## 1743	2230	6	CRIM ZN RM DIS RAD B	0.5689024
## 2391	2231	6	INDUS RM DIS RAD TAX B	0.5688947
## 2310	2232	6	INDUS NX RM AGE TAX B	0.5684077
## 1591	2233	6	CRIM ZN INDUS NX RM B	0.5683716
## 2447	2234	6	NX RM DIS RAD TAX B	0.5682883
## 1627	2235	6	CRIM ZN INDUS RM RAD B	0.5682564
## 2306	2236	6	INDUS NX RM AGE RAD PTRATIO	0.5679826
## 1613	2237	6	CRIM ZN INDUS NX B LSTAT	0.5679714
## 1731	2238	6	CRIM ZN RM AGE RAD TAX	0.5679030
## 1721	2239	6	CRIM ZN NX RAD B LSTAT	0.5678564
## 1844	2240	6	CRIM INDUS NX RAD TAX LSTAT	0.5677920
## 2317	2241	6	INDUS NX RM DIS RAD B	0.5676644
## 2189	2242	6	ZN NX RM DIS RAD TAX	0.5676428
## 2300	2243	6	INDUS NX RM AGE DIS RAD	0.5676144
## 1802	2244	6	CRIM INDUS NX RM DIS RAD	0.5675474
## 1812	2245	6	CRIM INDUS NX RM TAX B	0.5674193
## 2129	2246	6	ZN INDUS RM RAD TAX PTRATIO	0.5673095
## 1972	2247	6	CRIM NX AGE RAD B LSTAT	0.5672674
## 2350	2248	6	INDUS NX AGE RAD B LSTAT	0.5672438
## 1939	2249	6	CRIM NX RM DIS RAD B	0.5669638
## 1929	2250	6	CRIM NX RM AGE RAD B	0.5669168
## 1937	2251	6	CRIM NX RM DIS RAD TAX	0.5665488
## 1742	2252	6	CRIM ZN RM DIS RAD PTRATIO	0.5664807
## 1828	2253	6	CRIM INDUS NX AGE TAX LSTAT	0.5662907
## 2060	2254	6	ZN INDUS NX RM RAD PTRATIO	0.5661513
## 2064	2255	6	ZN INDUS NX RM TAX B	0.5660704
## 1610	2256	6	CRIM ZN INDUS NX TAX LSTAT	0.5654509
## 2174	2257	6	ZN NX RM AGE DIS RAD	0.5652819
## 2099	2258	6	ZN INDUS NX RAD B LSTAT	0.5650957
## 1668	2259	6	CRIM ZN INDUS TAX B LSTAT	0.5649839
## 1867	2260	6	CRIM INDUS RM DIS RAD TAX	0.5649121
## 1625	2261	6	CRIM ZN INDUS RM RAD TAX	0.5648121
## 1681	2262	6	CRIM ZN NX RM RAD TAX	0.5647407
## 1665	2263	6	CRIM ZN INDUS RAD B LSTAT	0.5646660
## 2119	2264	6	ZN INDUS RM DIS RAD TAX	0.5643542
## 1683	2265	6	CRIM ZN NX RM RAD B	0.5643386
## 1809	2266	6	CRIM INDUS NX RM RAD B	0.5642863
## 2120	2267	6	ZN INDUS RM DIS RAD PTRATIO	0.5642160
## 1825	2268	6	CRIM INDUS NX AGE RAD LSTAT	0.5642068
## 2048	2269	6	ZN INDUS NX RM AGE DIS	0.5639612
## 2110	2270	6	ZN INDUS RM AGE RAD PTRATIO	0.5639525
## 1857	2271	6	CRIM INDUS RM AGE RAD TAX	0.5636502
## 1927	2272	6	CRIM NX RM AGE RAD TAX	0.5631284
## 2326	2273	6	INDUS NX RM RAD TAX B	0.5625402
## 1850	2274	6	CRIM INDUS NX TAX B LSTAT	0.5623861
## 2111	2275	6	ZN INDUS RM AGE RAD B	0.5621684
## 1616	2276	6	CRIM ZN INDUS RM AGE TAX	0.5616417
## 2307	2277	6	INDUS NX RM AGE RAD B	0.5612496
## 1672	2278	6	CRIM ZN NX RM AGE TAX	0.5611473
## 1847	2279	6	CRIM INDUS NX RAD B LSTAT	0.5607798

## 1607	2280	6	CRIM ZN INDUS NX RAD LSTAT	0.5601614
## 2181	2281	6	ZN NX RM AGE RAD B	0.5601188
## 2054	2282	6	ZN INDUS NX RM DIS RAD	0.5600041
## 1798	2283	6	CRIM INDUS NX RM AGE TAX	0.5591631
## 2052	2284	6	ZN INDUS NX RM AGE B	0.5591532
## 1589	2285	6	CRIM ZN INDUS NX RM TAX	0.5586415
## 1807	2286	6	CRIM INDUS NX RM RAD TAX	0.5578541
## 2061	2287	6	ZN INDUS NX RM RAD B	0.5576183
## 1615	2288	6	CRIM ZN INDUS RM AGE RAD	0.5553274
## 1586	2289	6	CRIM ZN INDUS NX RM AGE	0.5548297
## 1797	2290	6	CRIM INDUS NX RM AGE RAD	0.5536082
## 2315	2291	6	INDUS NX RM DIS RAD TAX	0.5534839
## 1588	2292	6	CRIM ZN INDUS NX RM RAD	0.5523355
## 1671	2293	6	CRIM ZN NX RM AGE RAD	0.5519027
## 2179	2294	6	ZN NX RM AGE RAD TAX	0.5513597
## 2109	2295	6	ZN INDUS RM AGE RAD TAX	0.5512889
## 2050	2296	6	ZN INDUS NX RM AGE TAX	0.5499640
## 2305	2297	6	INDUS NX RM AGE RAD TAX	0.5480705
## 2059	2298	6	ZN INDUS NX RM RAD TAX	0.5470607
## 2049	2299	6	ZN INDUS NX RM AGE RAD	0.5389363
## 1977	2300	6	CRIM NX DIS RAD TAX PTRATIO	0.4550211
## 1833	2301	6	CRIM INDUS NX DIS RAD PTRATIO	0.4503107
## 1601	2302	6	CRIM ZN INDUS NX DIS PTRATIO	0.4440374
## 2476	2303	6	NX DIS RAD TAX PTRATIO B	0.4415892
## 1980	2304	6	CRIM NX DIS RAD PTRATIO B	0.4412983
## 1819	2305	6	CRIM INDUS NX AGE DIS PTRATIO	0.4390532
## 2091	2306	6	ZN INDUS NX DIS PTRATIO B	0.4373929
## 2342	2307	6	INDUS NX AGE DIS PTRATIO B	0.4372677
## 1958	2308	6	CRIM NX AGE DIS RAD PTRATIO	0.4361805
## 1839	2309	6	CRIM INDUS NX DIS PTRATIO B	0.4356697
## 1707	2310	6	CRIM ZN NX DIS RAD PTRATIO	0.4352901
## 2358	2311	6	INDUS NX DIS RAD PTRATIO B	0.4350195
## 1987	2312	6	CRIM NX RAD TAX PTRATIO B	0.4324341
## 2229	2313	6	ZN NX DIS RAD TAX PTRATIO	0.4319357
## 1836	2314	6	CRIM INDUS NX DIS TAX PTRATIO	0.4298068
## 1713	2315	6	CRIM ZN NX DIS PTRATIO B	0.4291374
## 2461	2316	6	NX AGE DIS RAD TAX PTRATIO	0.4291003
## 1693	2317	6	CRIM ZN NX AGE DIS PTRATIO	0.4286828
## 2071	2318	6	ZN INDUS NX AGE DIS PTRATIO	0.4278715
## 1964	2319	6	CRIM NX AGE DIS PTRATIO B	0.4271371
## 2355	2320	6	INDUS NX DIS RAD TAX PTRATIO	0.4269660
## 2216	2321	6	ZN NX AGE DIS PTRATIO B	0.4255886
## 2464	2322	6	NX AGE DIS RAD PTRATIO B	0.4253587
## 2361	2323	6	INDUS NX DIS TAX PTRATIO B	0.4252682
## 1637	2324	6	CRIM ZN INDUS AGE DIS PTRATIO	0.4252232
## 2336	2325	6	INDUS NX AGE DIS RAD PTRATIO	0.4223235
## 1894	2326	6	CRIM INDUS AGE DIS PTRATIO B	0.4222133
## 2088	2327	6	ZN INDUS NX DIS TAX PTRATIO	0.4218966
## 2146	2328	6	ZN INDUS AGE DIS PTRATIO B	0.4213150
## 2339	2329	6	INDUS NX AGE DIS TAX PTRATIO	0.4205796
## 2232	2330	6	ZN NX DIS RAD PTRATIO B	0.4203823
## 1710	2331	6	CRIM ZN NX DIS TAX PTRATIO	0.4200915
## 2085	2332	6	ZN INDUS NX DIS RAD PTRATIO	0.4199574
## 1716	2333	6	CRIM ZN NX RAD TAX PTRATIO	0.4190903

## 1842	2334	6	CRIM INDUS NX RAD TAX PTRATIO	0.4182573
## 1657	2335	6	CRIM ZN INDUS DIS PTRATIO B	0.4182397
## 2235	2336	6	ZN NX DIS TAX PTRATIO B	0.4180609
## 2467	2337	6	NX AGE DIS TAX PTRATIO B	0.4177913
## 1967	2338	6	CRIM NX AGE RAD TAX PTRATIO	0.4172319
## 1961	2339	6	CRIM NX AGE DIS TAX PTRATIO	0.4168013
## 1983	2340	6	CRIM NX DIS TAX PTRATIO B	0.4143773
## 2239	2341	6	ZN NX RAD TAX PTRATIO B	0.4132191
## 1888	2342	6	CRIM INDUS AGE DIS RAD PTRATIO	0.4131509
## 1845	2343	6	CRIM INDUS NX RAD PTRATIO B	0.4126868
## 2213	2344	6	ZN NX AGE DIS TAX PTRATIO	0.4125512
## 2365	2345	6	INDUS NX RAD TAX PTRATIO B	0.4123913
## 2471	2346	6	NX AGE RAD TAX PTRATIO B	0.4119473
## 2411	2347	6	INDUS AGE DIS TAX PTRATIO B	0.4110778
## 1791	2348	6	CRIM ZN RAD TAX PTRATIO B	0.4105139
## 1917	2349	6	CRIM INDUS RAD TAX PTRATIO B	0.4102928
## 2408	2350	6	INDUS AGE DIS RAD PTRATIO B	0.4097445
## 1891	2351	6	CRIM INDUS AGE DIS TAX PTRATIO	0.4084880
## 2037	2352	6	CRIM AGE RAD TAX PTRATIO B	0.4083406
## 1654	2353	6	CRIM ZN INDUS DIS TAX PTRATIO	0.4073714
## 2143	2354	6	ZN INDUS AGE DIS TAX PTRATIO	0.4068357
## 1638	2355	6	CRIM ZN INDUS AGE DIS B	0.4060838
## 2165	2356	6	ZN INDUS DIS TAX PTRATIO B	0.4059871
## 1651	2357	6	CRIM ZN INDUS DIS RAD PTRATIO	0.4057213
## 2503	2358	6	AGE DIS RAD TAX PTRATIO B	0.4052492
## 1719	2359	6	CRIM ZN NX RAD PTRATIO B	0.4052408
## 1970	2360	6	CRIM NX AGE RAD PTRATIO B	0.4051818
## 1593	2361	6	CRIM ZN INDUS NX AGE DIS	0.4045611
## 2210	2362	6	ZN NX AGE DIS RAD PTRATIO	0.4039979
## 1907	2363	6	CRIM INDUS DIS RAD TAX PTRATIO	0.4035183
## 1636	2364	6	CRIM ZN INDUS AGE DIS TAX	0.4034854
## 1910	2365	6	CRIM INDUS DIS RAD PTRATIO B	0.4033310
## 1650	2366	6	CRIM ZN INDUS DIS RAD TAX	0.4032618
## 2027	2367	6	CRIM AGE DIS RAD TAX PTRATIO	0.4027017
## 1602	2368	6	CRIM ZN INDUS NX DIS B	0.4026654
## 1781	2369	6	CRIM ZN DIS RAD TAX PTRATIO	0.4020125
## 1660	2370	6	CRIM ZN INDUS RAD TAX PTRATIO	0.4018594
## 2405	2371	6	INDUS AGE DIS RAD TAX PTRATIO	0.4000522
## 1600	2372	6	CRIM ZN INDUS NX DIS TAX	0.3995628
## 2420	2373	6	INDUS DIS RAD TAX PTRATIO B	0.3990570
## 2169	2374	6	ZN INDUS RAD TAX PTRATIO B	0.3988317
## 1897	2375	6	CRIM INDUS AGE RAD TAX PTRATIO	0.3985743
## 2294	2376	6	ZN DIS RAD TAX PTRATIO B	0.3984013
## 2415	2377	6	INDUS AGE RAD TAX PTRATIO B	0.3981979
## 2162	2378	6	ZN INDUS DIS RAD PTRATIO B	0.3973601
## 1823	2379	6	CRIM INDUS NX AGE RAD PTRATIO	0.3973014
## 2289	2380	6	ZN AGE RAD TAX PTRATIO B	0.3972407
## 1605	2381	6	CRIM ZN INDUS NX RAD PTRATIO	0.3972213
## 2144	2382	6	ZN INDUS AGE DIS TAX B	0.3969660
## 1771	2383	6	CRIM ZN AGE RAD TAX PTRATIO	0.3969480
## 2159	2384	6	ZN INDUS DIS RAD TAX PTRATIO	0.3963232
## 2279	2385	6	ZN AGE DIS RAD TAX PTRATIO	0.3955698
## 1655	2386	6	CRIM ZN INDUS DIS TAX B	0.3949561
## 1913	2387	6	CRIM INDUS DIS TAX PTRATIO B	0.3948137

## 1900	2388	6	CRIM INDUS AGE RAD PTRATIO B	0.3943295
## 1599	2389	6	CRIM ZN INDUS NX DIS RAD	0.3942373
## 1706	2390	6	CRIM ZN NX DIS RAD TAX	0.3936284
## 1663	2391	6	CRIM ZN INDUS RAD PTRATIO B	0.3929931
## 1635	2392	6	CRIM ZN INDUS AGE DIS RAD	0.3928961
## 2285	2393	6	ZN AGE DIS TAX PTRATIO B	0.3928636
## 2140	2394	6	ZN INDUS AGE DIS RAD PTRATIO	0.3924685
## 2348	2395	6	INDUS NX AGE RAD PTRATIO B	0.3917170
## 2097	2396	6	ZN INDUS NX RAD PTRATIO B	0.3916641
## 1611	2397	6	CRIM ZN INDUS NX PTRATIO B	0.3913617
## 1848	2398	6	CRIM INDUS NX TAX PTRATIO B	0.3908307
## 1829	2399	6	CRIM INDUS NX AGE PTRATIO B	0.3902295
## 2094	2400	6	ZN INDUS NX RAD TAX PTRATIO	0.3893399
## 1697	2401	6	CRIM ZN NX AGE RAD PTRATIO	0.3885582
## 2219	2402	6	ZN NX AGE RAD TAX PTRATIO	0.3883700
## 2345	2403	6	INDUS NX AGE RAD TAX PTRATIO	0.3882419
## 2089	2404	6	ZN INDUS NX DIS TAX B	0.3878903
## 2160	2405	6	ZN INDUS DIS RAD TAX B	0.3875827
## 2042	2406	6	CRIM DIS RAD TAX PTRATIO B	0.3869103
## 1761	2407	6	CRIM ZN AGE DIS RAD TAX	0.3869050
## 1652	2408	6	CRIM ZN INDUS DIS RAD B	0.3864760
## 1768	2409	6	CRIM ZN AGE DIS PTRATIO B	0.3862794
## 1765	2410	6	CRIM ZN AGE DIS TAX PTRATIO	0.3853599
## 2070	2411	6	ZN INDUS NX AGE DIS TAX	0.3851879
## 2139	2412	6	ZN INDUS AGE DIS RAD TAX	0.3848945
## 1647	2413	6	CRIM ZN INDUS AGE PTRATIO B	0.3844095
## 1703	2414	6	CRIM ZN NX AGE PTRATIO B	0.3839865
## 1722	2415	6	CRIM ZN NX TAX PTRATIO B	0.3838339
## 2222	2416	6	ZN NX AGE RAD PTRATIO B	0.3837923
## 2100	2417	6	ZN INDUS NX TAX PTRATIO B	0.3836072
## 2081	2418	6	ZN INDUS NX AGE PTRATIO B	0.3834218
## 2351	2419	6	INDUS NX AGE TAX PTRATIO B	0.3830106
## 1666	2420	6	CRIM ZN INDUS TAX PTRATIO B	0.3829983
## 2072	2421	6	ZN INDUS NX AGE DIS B	0.3828523
## 1973	2422	6	CRIM NX AGE TAX PTRATIO B	0.3826395
## 1903	2423	6	CRIM INDUS AGE TAX PTRATIO B	0.3818832
## 1608	2424	6	CRIM ZN INDUS NX TAX PTRATIO	0.3806784
## 1596	2425	6	CRIM ZN INDUS NX AGE PTRATIO	0.3806772
## 1826	2426	6	CRIM INDUS NX AGE TAX PTRATIO	0.3799010
## 2084	2427	6	ZN INDUS NX DIS RAD TAX	0.3798003
## 2141	2428	6	ZN INDUS AGE DIS RAD B	0.3791716
## 2033	2429	6	CRIM AGE DIS TAX PTRATIO B	0.3780499
## 2280	2430	6	ZN AGE DIS RAD TAX B	0.3772370
## 2225	2431	6	ZN NX AGE TAX PTRATIO B	0.3771651
## 1641	2432	6	CRIM ZN INDUS AGE RAD PTRATIO	0.3770888
## 1782	2433	6	CRIM ZN DIS RAD TAX B	0.3769089
## 2155	2434	6	ZN INDUS AGE TAX PTRATIO B	0.3766256
## 2152	2435	6	ZN INDUS AGE RAD PTRATIO B	0.3763708
## 2149	2436	6	ZN INDUS AGE RAD TAX PTRATIO	0.3746347
## 2230	2437	6	ZN NX DIS RAD TAX B	0.3738449
## 2030	2438	6	CRIM AGE DIS RAD PTRATIO B	0.3733381
## 2086	2439	6	ZN INDUS NX DIS RAD B	0.3727845
## 1700	2440	6	CRIM ZN NX AGE TAX PTRATIO	0.3726293
## 1644	2441	6	CRIM ZN INDUS AGE TAX PTRATIO	0.3715047

## 1692	2442	6	CRIM ZN NX AGE DIS TAX	0.3706129
## 1787	2443	6	CRIM ZN DIS TAX PTRATIO B	0.3705150
## 1777	2444	6	CRIM ZN AGE TAX PTRATIO B	0.3682645
## 1774	2445	6	CRIM ZN AGE RAD PTRATIO B	0.3673743
## 2209	2446	6	ZN NX AGE DIS RAD TAX	0.3672079
## 2075	2447	6	ZN INDUS NX AGE RAD PTRATIO	0.3665517
## 2078	2448	6	ZN INDUS NX AGE TAX PTRATIO	0.3665240
## 2214	2449	6	ZN NX AGE DIS TAX B	0.3660474
## 2282	2450	6	ZN AGE DIS RAD PTRATIO B	0.3660151
## 2069	2451	6	ZN INDUS NX AGE DIS RAD	0.3657883
## 1820	2452	6	CRIM INDUS NX AGE DIS B	0.3653918
## 1711	2453	6	CRIM ZN NX DIS TAX B	0.3645716
## 1766	2454	6	CRIM ZN AGE DIS TAX B	0.3644537
## 1762	2455	6	CRIM ZN AGE DIS RAD PTRATIO	0.3620051
## 1892	2456	6	CRIM INDUS AGE DIS TAX B	0.3617894
## 1887	2457	6	CRIM INDUS AGE DIS RAD TAX	0.3615993
## 1661	2458	6	CRIM ZN INDUS RAD TAX B	0.3600488
## 1818	2459	6	CRIM INDUS NX AGE DIS TAX	0.3590755
## 1889	2460	6	CRIM INDUS AGE DIS RAD B	0.3583266
## 1817	2461	6	CRIM INDUS NX AGE DIS RAD	0.3565325
## 1694	2462	6	CRIM ZN NX AGE DIS B	0.3555427
## 1832	2463	6	CRIM INDUS NX DIS RAD TAX	0.3515247
## 2406	2464	6	INDUS AGE DIS RAD TAX B	0.3514180
## 1717	2465	6	CRIM ZN NX RAD TAX B	0.3510643
## 2340	2466	6	INDUS NX AGE DIS TAX B	0.3508455
## 1772	2467	6	CRIM ZN AGE RAD TAX B	0.3506516
## 1784	2468	6	CRIM ZN DIS RAD PTRATIO B	0.3500789
## 1604	2469	6	CRIM ZN INDUS NX RAD TAX	0.3477841
## 1640	2470	6	CRIM ZN INDUS AGE RAD TAX	0.3476811
## 1834	2471	6	CRIM INDUS NX DIS RAD B	0.3475391
## 1837	2472	6	CRIM INDUS NX DIS TAX B	0.3474895
## 1908	2473	6	CRIM INDUS DIS RAD TAX B	0.3444015
## 1691	2474	6	CRIM ZN NX AGE DIS RAD	0.3421413
## 2337	2475	6	INDUS NX AGE DIS RAD B	0.3418967
## 1708	2476	6	CRIM ZN NX DIS RAD B	0.3403945
## 2150	2477	6	ZN INDUS AGE RAD TAX B	0.3389618
## 2095	2478	6	ZN INDUS NX RAD TAX B	0.3387041
## 1696	2479	6	CRIM ZN NX AGE RAD TAX	0.3383264
## 2335	2480	6	INDUS NX AGE DIS RAD TAX	0.3377667
## 1609	2481	6	CRIM ZN INDUS NX TAX B	0.3358889
## 1645	2482	6	CRIM ZN INDUS AGE TAX B	0.3357648
## 2356	2483	6	INDUS NX DIS RAD TAX B	0.3345133
## 1898	2484	6	CRIM INDUS AGE RAD TAX B	0.3308297
## 1606	2485	6	CRIM ZN INDUS NX RAD B	0.3304179
## 1642	2486	6	CRIM ZN INDUS AGE RAD B	0.3303408
## 2220	2487	6	ZN NX AGE RAD TAX B	0.3300081
## 1597	2488	6	CRIM ZN INDUS NX AGE B	0.3296311
## 1957	2489	6	CRIM NX AGE DIS RAD TAX	0.3288461
## 1843	2490	6	CRIM INDUS NX RAD TAX B	0.3281122
## 2211	2491	6	ZN NX AGE DIS RAD B	0.3263267
## 1595	2492	6	CRIM ZN INDUS NX AGE TAX	0.3261980
## 2079	2493	6	ZN INDUS NX AGE TAX B	0.3250599
## 1763	2494	6	CRIM ZN AGE DIS RAD B	0.3232561
## 2028	2495	6	CRIM AGE DIS RAD TAX B	0.3229574

##	1822	2496	6	CRIM INDUS NX AGE RAD TAX	0.3194147
##	2074	2497	6	ZN INDUS NX AGE RAD TAX	0.3180080
##	1594	2498	6	CRIM ZN INDUS NX AGE RAD	0.3178088
##	2462	2499	6	NX AGE DIS RAD TAX B	0.3174809
##	1701	2500	6	CRIM ZN NX AGE TAX B	0.3168024
##	1978	2501	6	CRIM NX DIS RAD TAX B	0.3156758
##	1827	2502	6	CRIM INDUS NX AGE TAX B	0.3142686
##	1962	2503	6	CRIM NX AGE DIS TAX B	0.3128138
##	2346	2504	6	INDUS NX AGE RAD TAX B	0.3117774
##	1824	2505	6	CRIM INDUS NX AGE RAD B	0.3114058
##	1968	2506	6	CRIM NX AGE RAD TAX B	0.3109439
##	2076	2507	6	ZN INDUS NX AGE RAD B	0.3092477
##	1698	2508	6	CRIM ZN NX AGE RAD B	0.2962890
##	1959	2509	6	CRIM NX AGE DIS RAD B	0.2934807
##	3284	2510	7	NX RM DIS RAD PTRATIO B LSTAT	0.7113216
##	3127	2511	7	ZN NX RM DIS PTRATIO B LSTAT	0.7113141
##	2917	2512	7	CRIM NX RM DIS PTRATIO B LSTAT	0.7095371
##	3300	2513	7	RM DIS RAD TAX PTRATIO B LSTAT	0.7086591
##	3275	2514	7	NX RM AGE DIS PTRATIO B LSTAT	0.7081351
##	3285	2515	7	NX RM DIS TAX PTRATIO B LSTAT	0.7077404
##	3211	2516	7	INDUS NX RM DIS PTRATIO B LSTAT	0.7077388
##	2912	2517	7	CRIM NX RM DIS RAD PTRATIO LSTAT	0.7065725
##	2735	2518	7	CRIM ZN RM DIS PTRATIO B LSTAT	0.7061784
##	3173	2519	7	ZN RM DIS TAX PTRATIO B LSTAT	0.7060626
##	2659	2520	7	CRIM ZN NX RM DIS PTRATIO LSTAT	0.7052943
##	3071	2521	7	ZN INDUS RM DIS PTRATIO B LSTAT	0.7041512
##	3163	2522	7	ZN RM AGE DIS PTRATIO B LSTAT	0.7040743
##	3282	2523	7	NX RM DIS RAD TAX PTRATIO LSTAT	0.7031705
##	2962	2524	7	CRIM RM DIS RAD PTRATIO B LSTAT	0.7028504
##	2953	2525	7	CRIM RM AGE DIS PTRATIO B LSTAT	0.7028168
##	3172	2526	7	ZN RM DIS RAD PTRATIO B LSTAT	0.7027706
##	3171	2527	7	ZN RM DIS RAD TAX B LSTAT	0.7020565
##	2861	2528	7	CRIM INDUS RM DIS PTRATIO B LSTAT	0.7018509
##	3298	2529	7	RM AGE DIS TAX PTRATIO B LSTAT	0.7018323
##	3247	2530	7	INDUS RM AGE DIS PTRATIO B LSTAT	0.7014138
##	2896	2531	7	CRIM NX RM AGE DIS PTRATIO LSTAT	0.7011929
##	2963	2532	7	CRIM RM DIS TAX PTRATIO B LSTAT	0.7010943
##	2785	2533	7	CRIM INDUS NX RM DIS PTRATIO LSTAT	0.7010199
##	2915	2534	7	CRIM NX RM DIS TAX PTRATIO LSTAT	0.7009648
##	3297	2535	7	RM AGE DIS RAD PTRATIO B LSTAT	0.7008598
##	3257	2536	7	INDUS RM DIS TAX PTRATIO B LSTAT	0.7003375
##	3125	2537	7	ZN NX RM DIS TAX PTRATIO LSTAT	0.7002800
##	3256	2538	7	INDUS RM DIS RAD PTRATIO B LSTAT	0.7002223
##	2960	2539	7	CRIM RM DIS RAD TAX PTRATIO LSTAT	0.7001585
##	3170	2540	7	ZN RM DIS RAD TAX PTRATIO LSTAT	0.6993422
##	3122	2541	7	ZN NX RM DIS RAD PTRATIO LSTAT	0.6982895
##	2995	2542	7	ZN INDUS NX RM DIS PTRATIO LSTAT	0.6981805
##	2734	2543	7	CRIM ZN RM DIS TAX B LSTAT	0.6981780
##	3106	2544	7	ZN NX RM AGE DIS PTRATIO LSTAT	0.6980791
##	2728	2545	7	CRIM ZN RM DIS RAD TAX LSTAT	0.6976171
##	2733	2546	7	CRIM ZN RM DIS TAX PTRATIO LSTAT	0.6974565
##	3126	2547	7	ZN NX RM DIS TAX B LSTAT	0.6968707
##	3162	2548	7	ZN RM AGE DIS TAX B LSTAT	0.6965522
##	3070	2549	7	ZN INDUS RM DIS TAX B LSTAT	0.6964742

##	2589	2550	7	CRIM ZN INDUS RM DIS PTRATIO	LSTAT	0.6963664
##	3273	2551	7	NX RM AGE DIS TAX PTRATIO	LSTAT	0.6963539
##	3209	2552	7	INDUS NX RM DIS TAX PTRATIO	LSTAT	0.6961774
##	3206	2553	7	INDUS NX RM DIS RAD PTRATIO	LSTAT	0.6961219
##	3270	2554	7	NX RM AGE DIS RAD PTRATIO	LSTAT	0.6961110
##	2590	2555	7	CRIM ZN INDUS RM DIS B	LSTAT	0.6958593
##	2660	2556	7	CRIM ZN NX RM DIS B	LSTAT	0.6955907
##	3190	2557	7	INDUS NX RM AGE DIS PTRATIO	LSTAT	0.6955219
##	2714	2558	7	CRIM ZN RM AGE DIS PTRATIO	LSTAT	0.6948201
##	3258	2559	7	INDUS RM RAD TAX PTRATIO B	LSTAT	0.6937525
##	3161	2560	7	ZN RM AGE DIS TAX PTRATIO	LSTAT	0.6937486
##	2730	2561	7	CRIM ZN RM DIS RAD PTRATIO	LSTAT	0.6937485
##	3295	2562	7	RM AGE DIS RAD TAX PTRATIO	LSTAT	0.6933851
##	3069	2563	7	ZN INDUS RM DIS TAX PTRATIO	LSTAT	0.6933738
##	2715	2564	7	CRIM ZN RM AGE DIS B	LSTAT	0.6930216
##	2840	2565	7	CRIM INDUS RM AGE DIS PTRATIO	LSTAT	0.6922277
##	2951	2566	7	CRIM RM AGE DIS TAX PTRATIO	LSTAT	0.6919581
##	2731	2567	7	CRIM ZN RM DIS RAD B	LSTAT	0.6919568
##	3254	2568	7	INDUS RM DIS RAD TAX PTRATIO	LSTAT	0.6918514
##	2964	2569	7	CRIM RM RAD TAX PTRATIO B	LSTAT	0.6917176
##	2856	2570	7	CRIM INDUS RM DIS RAD PTRATIO	LSTAT	0.6916009
##	2657	2571	7	CRIM ZN NX RM DIS TAX	LSTAT	0.6915660
##	2859	2572	7	CRIM INDUS RM DIS TAX PTRATIO	LSTAT	0.6912439
##	2996	2573	7	ZN INDUS NX RM DIS B	LSTAT	0.6909620
##	3299	2574	7	RM AGE RAD TAX PTRATIO B	LSTAT	0.6909399
##	2948	2575	7	CRIM RM AGE DIS RAD PTRATIO	LSTAT	0.6906535
##	2587	2576	7	CRIM ZN INDUS RM DIS TAX	LSTAT	0.6905285
##	3067	2577	7	ZN INDUS RM DIS RAD B	LSTAT	0.6900857
##	3120	2578	7	ZN NX RM DIS RAD TAX	LSTAT	0.6898328
##	2712	2579	7	CRIM ZN RM AGE DIS TAX	LSTAT	0.6898034
##	3123	2580	7	ZN NX RM DIS RAD B	LSTAT	0.6896811
##	3051	2581	7	ZN INDUS RM AGE DIS B	LSTAT	0.6896751
##	3107	2582	7	ZN NX RM AGE DIS B	LSTAT	0.6888733
##	2520	2583	7	CRIM ZN INDUS NX RM DIS	LSTAT	0.6885910
##	3245	2584	7	INDUS RM AGE DIS TAX PTRATIO	LSTAT	0.6883882
##	3156	2585	7	ZN RM AGE DIS RAD TAX	LSTAT	0.6883077
##	3064	2586	7	ZN INDUS RM DIS RAD TAX	LSTAT	0.6880346
##	3286	2587	7	NX RM RAD TAX PTRATIO B	LSTAT	0.6879522
##	3174	2588	7	ZN RM RAD TAX PTRATIO B	LSTAT	0.6878913
##	3159	2589	7	ZN RM AGE DIS RAD B	LSTAT	0.6878731
##	2957	2590	7	CRIM RM AGE RAD PTRATIO B	LSTAT	0.6875689
##	3050	2591	7	ZN INDUS RM AGE DIS PTRATIO	LSTAT	0.6874294
##	3066	2592	7	ZN INDUS RM DIS RAD PTRATIO	LSTAT	0.6872955
##	2961	2593	7	CRIM RM DIS RAD TAX B	LSTAT	0.6866913
##	2865	2594	7	CRIM INDUS RM RAD PTRATIO B	LSTAT	0.6866586
##	2993	2595	7	ZN INDUS NX RM DIS TAX	LSTAT	0.6861985
##	3104	2596	7	ZN NX RM AGE DIS TAX	LSTAT	0.6860006
##	3158	2597	7	ZN RM AGE DIS RAD PTRATIO	LSTAT	0.6858981
##	2640	2598	7	CRIM ZN NX RM AGE DIS	LSTAT	0.6858436
##	2570	2599	7	CRIM ZN INDUS RM AGE DIS	LSTAT	0.6857955
##	2654	2600	7	CRIM ZN NX RM DIS RAD	LSTAT	0.6857660
##	2739	2601	7	CRIM ZN RM RAD PTRATIO B	LSTAT	0.6857284
##	2921	2602	7	CRIM NX RM RAD PTRATIO B	LSTAT	0.6854827
##	2584	2603	7	CRIM ZN INDUS RM DIS RAD	LSTAT	0.6852516

##	3279	2604	7	NX RM AGE RAD PTRATIO B LSTAT	0.6851474
##	3048	2605	7	ZN INDUS RM AGE DIS TAX LSTAT	0.6851338
##	3296	2606	7	RM AGE DIS RAD TAX B LSTAT	0.6846759
##	3242	2607	7	INDUS RM AGE DIS RAD PTRATIO LSTAT	0.6845198
##	3251	2608	7	INDUS RM AGE RAD PTRATIO B LSTAT	0.6842846
##	3283	2609	7	NX RM DIS RAD TAX B LSTAT	0.6840440
##	3215	2610	7	INDUS NX RM RAD PTRATIO B LSTAT	0.6839400
##	2863	2611	7	CRIM INDUS RM RAD TAX PTRATIO LSTAT	0.6838771
##	3167	2612	7	ZN RM AGE RAD PTRATIO B LSTAT	0.6838326
##	2851	2613	7	CRIM INDUS RM AGE PTRATIO B LSTAT	0.6836597
##	3201	2614	7	INDUS NX RM AGE PTRATIO B LSTAT	0.6836201
##	3255	2615	7	INDUS RM DIS RAD TAX B LSTAT	0.6832347
##	3075	2616	7	ZN INDUS RM RAD PTRATIO B LSTAT	0.6831912
##	3252	2617	7	INDUS RM AGE TAX PTRATIO B LSTAT	0.6830095
##	2952	2618	7	CRIM RM AGE DIS TAX B LSTAT	0.6829980
##	2841	2619	7	CRIM INDUS RM AGE DIS B LSTAT	0.6827627
##	2955	2620	7	CRIM RM AGE RAD TAX PTRATIO LSTAT	0.6827599
##	2907	2621	7	CRIM NX RM AGE PTRATIO B LSTAT	0.6827078
##	2725	2622	7	CRIM ZN RM AGE PTRATIO B LSTAT	0.6826766
##	2860	2623	7	CRIM INDUS RM DIS TAX B LSTAT	0.6826656
##	2958	2624	7	CRIM RM AGE TAX PTRATIO B LSTAT	0.6826266
##	3061	2625	7	ZN INDUS RM AGE PTRATIO B LSTAT	0.6826201
##	2786	2626	7	CRIM INDUS NX RM DIS B LSTAT	0.6825675
##	2916	2627	7	CRIM NX RM DIS TAX B LSTAT	0.6825171
##	2866	2628	7	CRIM INDUS RM TAX PTRATIO B LSTAT	0.6822133
##	3131	2629	7	ZN NX RM RAD PTRATIO B LSTAT	0.6822078
##	3246	2630	7	INDUS RM AGE DIS TAX B LSTAT	0.6822039
##	2796	2631	7	CRIM INDUS NX RM PTRATIO B LSTAT	0.6821977
##	2600	2632	7	CRIM ZN INDUS RM PTRATIO B LSTAT	0.6821442
##	3117	2633	7	ZN NX RM AGE PTRATIO B LSTAT	0.6817810
##	3280	2634	7	NX RM AGE TAX PTRATIO B LSTAT	0.6817774
##	3274	2635	7	NX RM AGE DIS TAX B LSTAT	0.6817425
##	3168	2636	7	ZN RM AGE TAX PTRATIO B LSTAT	0.6816875
##	3216	2637	7	INDUS NX RM TAX PTRATIO B LSTAT	0.6815762
##	3076	2638	7	ZN INDUS RM TAX PTRATIO B LSTAT	0.6815446
##	3006	2639	7	ZN INDUS NX RM PTRATIO B LSTAT	0.6813461
##	3210	2640	7	INDUS NX RM DIS TAX B LSTAT	0.6812705
##	2897	2641	7	CRIM NX RM AGE DIS B LSTAT	0.6811507
##	2709	2642	7	CRIM ZN RM AGE DIS RAD LSTAT	0.6811036
##	2857	2643	7	CRIM INDUS RM DIS RAD B LSTAT	0.6807738
##	2670	2644	7	CRIM ZN NX RM PTRATIO B LSTAT	0.6799568
##	2913	2645	7	CRIM NX RM DIS RAD B LSTAT	0.6799507
##	2922	2646	7	CRIM NX RM TAX PTRATIO B LSTAT	0.6799071
##	2740	2647	7	CRIM ZN RM TAX PTRATIO B LSTAT	0.6798207
##	2737	2648	7	CRIM ZN RM RAD TAX PTRATIO LSTAT	0.6796056
##	2919	2649	7	CRIM NX RM RAD TAX PTRATIO LSTAT	0.6795592
##	2910	2650	7	CRIM NX RM DIS RAD TAX LSTAT	0.6794017
##	3132	2651	7	ZN NX RM TAX PTRATIO B LSTAT	0.6790707
##	2949	2652	7	CRIM RM AGE DIS RAD B LSTAT	0.6787693
##	3191	2653	7	INDUS NX RM AGE DIS B LSTAT	0.6785262
##	3243	2654	7	INDUS RM AGE DIS RAD B LSTAT	0.6782591
##	2946	2655	7	CRIM RM AGE DIS RAD TAX LSTAT	0.6781906
##	2990	2656	7	ZN INDUS NX RM DIS RAD LSTAT	0.6781566
##	3213	2657	7	INDUS NX RM RAD TAX PTRATIO LSTAT	0.6780764

##	3207	2658	7	INDUS NX RM DIS RAD B LSTAT	0.6779219
##	3249	2659	7	INDUS RM AGE RAD TAX PTRATIO LSTAT	0.6778935
##	2854	2660	7	CRIM INDUS RM DIS RAD TAX LSTAT	0.6774742
##	2902	2661	7	CRIM NX RM AGE RAD PTRATIO LSTAT	0.6774637
##	3073	2662	7	ZN INDUS RM RAD TAX PTRATIO LSTAT	0.6770059
##	3271	2663	7	NX RM AGE DIS RAD B LSTAT	0.6767003
##	3277	2664	7	NX RM AGE RAD TAX PTRATIO LSTAT	0.6764063
##	3045	2665	7	ZN INDUS RM AGE DIS RAD LSTAT	0.6760789
##	3101	2666	7	ZN NX RM AGE DIS RAD LSTAT	0.6759327
##	2783	2667	7	CRIM INDUS NX RM DIS TAX LSTAT	0.6757009
##	3165	2668	7	ZN RM AGE RAD TAX PTRATIO LSTAT	0.6756520
##	2838	2669	7	CRIM INDUS RM AGE DIS TAX LSTAT	0.6754064
##	2894	2670	7	CRIM NX RM AGE DIS TAX LSTAT	0.6752544
##	2976	2671	7	ZN INDUS NX RM AGE DIS LSTAT	0.6745036
##	2775	2672	7	CRIM INDUS NX RM AGE PTRATIO LSTAT	0.6744769
##	2791	2673	7	CRIM INDUS NX RM RAD PTRATIO LSTAT	0.6743903
##	2766	2674	7	CRIM INDUS NX RM AGE DIS LSTAT	0.6743434
##	2720	2675	7	CRIM ZN RM AGE RAD PTRATIO LSTAT	0.6743190
##	2846	2676	7	CRIM INDUS RM AGE RAD PTRATIO LSTAT	0.6742661
##	2780	2677	7	CRIM INDUS NX RM DIS RAD LSTAT	0.6735277
##	2665	2678	7	CRIM ZN NX RM RAD PTRATIO LSTAT	0.6731630
##	2649	2679	7	CRIM ZN NX RM AGE PTRATIO LSTAT	0.6730999
##	2905	2680	7	CRIM NX RM AGE TAX PTRATIO LSTAT	0.6730850
##	2849	2681	7	CRIM INDUS RM AGE TAX PTRATIO LSTAT	0.6730744
##	2595	2682	7	CRIM ZN INDUS RM RAD PTRATIO LSTAT	0.6727764
##	2723	2683	7	CRIM ZN RM AGE TAX PTRATIO LSTAT	0.6725605
##	2579	2684	7	CRIM ZN INDUS RM AGE PTRATIO LSTAT	0.6725541
##	3268	2685	7	NX RM AGE DIS RAD TAX LSTAT	0.6722591
##	3129	2686	7	ZN NX RM RAD TAX PTRATIO LSTAT	0.6721738
##	2835	2687	7	CRIM INDUS RM AGE DIS RAD LSTAT	0.6721026
##	3199	2688	7	INDUS NX RM AGE TAX PTRATIO LSTAT	0.6718800
##	3204	2689	7	INDUS NX RM DIS RAD TAX LSTAT	0.6717878
##	2794	2690	7	CRIM INDUS NX RM TAX PTRATIO LSTAT	0.6715501
##	3240	2691	7	INDUS RM AGE DIS RAD TAX LSTAT	0.6713745
##	2598	2692	7	CRIM ZN INDUS RM TAX PTRATIO LSTAT	0.6713282
##	2529	2693	7	CRIM ZN INDUS NX RM PTRATIO LSTAT	0.6712280
##	3188	2694	7	INDUS NX RM AGE DIS TAX LSTAT	0.6710815
##	2891	2695	7	CRIM NX RM AGE DIS RAD LSTAT	0.6710151
##	3196	2696	7	INDUS NX RM AGE RAD PTRATIO LSTAT	0.6709906
##	3059	2697	7	ZN INDUS RM AGE TAX PTRATIO LSTAT	0.6706254
##	2985	2698	7	ZN INDUS NX RM AGE PTRATIO LSTAT	0.6704252
##	3115	2699	7	ZN NX RM AGE TAX PTRATIO LSTAT	0.6698774
##	3112	2700	7	ZN NX RM AGE RAD PTRATIO LSTAT	0.6697591
##	2668	2701	7	CRIM ZN NX RM TAX PTRATIO LSTAT	0.6694227
##	3166	2702	7	ZN RM AGE RAD TAX B LSTAT	0.6692703
##	3004	2703	7	ZN INDUS NX RM TAX PTRATIO LSTAT	0.6689220
##	3130	2704	7	ZN NX RM RAD TAX B LSTAT	0.6687529
##	3074	2705	7	ZN INDUS RM RAD TAX B LSTAT	0.6685140
##	2956	2706	7	CRIM RM AGE RAD TAX B LSTAT	0.6680910
##	2920	2707	7	CRIM NX RM RAD TAX B LSTAT	0.6680392
##	2864	2708	7	CRIM INDUS RM RAD TAX B LSTAT	0.6678215
##	3001	2709	7	ZN INDUS NX RM RAD PTRATIO LSTAT	0.6675521
##	3056	2710	7	ZN INDUS RM AGE RAD PTRATIO LSTAT	0.6671619
##	2738	2711	7	CRIM ZN RM RAD TAX B LSTAT	0.6664790

##	3116	2712	7			ZN NX RM AGE TAX B LSTAT	0.6660808
##	3250	2713	7			INDUS RM AGE RAD TAX B LSTAT	0.6660670
##	3214	2714	7			INDUS NX RM RAD TAX B LSTAT	0.6660105
##	3185	2715	7			INDUS NX RM AGE DIS RAD LSTAT	0.6658389
##	3278	2716	7			NX RM AGE RAD TAX B LSTAT	0.6657602
##	2724	2717	7			CRIM ZN RM AGE TAX B LSTAT	0.6656380
##	3060	2718	7			ZN INDUS RM AGE TAX B LSTAT	0.6656251
##	2669	2719	7			CRIM ZN NX RM TAX B LSTAT	0.6650456
##	3005	2720	7			ZN INDUS NX RM TAX B LSTAT	0.6648327
##	2650	2721	7			CRIM ZN NX RM AGE B LSTAT	0.664628
##	2721	2722	7			CRIM ZN RM AGE RAD B LSTAT	0.6643535
##	2580	2723	7			CRIM ZN INDUS RM AGE B LSTAT	0.6642080
##	2718	2724	7			CRIM ZN RM AGE RAD TAX LSTAT	0.6639432
##	2906	2725	7			CRIM NX RM AGE TAX B LSTAT	0.6630433
##	2599	2726	7			CRIM ZN INDUS RM TAX B LSTAT	0.6626339
##	2850	2727	7			CRIM INDUS RM AGE TAX B LSTAT	0.6624622
##	2795	2728	7			CRIM INDUS NX RM TAX B LSTAT	0.6624329
##	2666	2729	7			CRIM ZN NX RM RAD B LSTAT	0.6623513
##	2530	2730	7			CRIM ZN INDUS NX RM B LSTAT	0.6623366
##	3200	2731	7			INDUS NX RM AGE TAX B LSTAT	0.6620172
##	3293	2732	7			NX DIS RAD TAX PTRATIO B LSTAT	0.6618661
##	2593	2733	7			CRIM ZN INDUS RM RAD TAX LSTAT	0.6615531
##	3113	2734	7			ZN NX RM AGE RAD B LSTAT	0.6612641
##	2939	2735	7			CRIM NX DIS RAD TAX PTRATIO LSTAT	0.6611813
##	2663	2736	7			CRIM ZN NX RM RAD TAX LSTAT	0.6609701
##	3181	2737	7			ZN DIS RAD TAX PTRATIO B LSTAT	0.6609175
##	2903	2738	7			CRIM NX RM AGE RAD B LSTAT	0.6608451
##	2986	2739	7			ZN INDUS NX RM AGE B LSTAT	0.6608324
##	3057	2740	7			ZN INDUS RM AGE RAD B LSTAT	0.6608267
##	2776	2741	7			CRIM INDUS NX RM AGE B LSTAT	0.6608093
##	2847	2742	7			CRIM INDUS RM AGE RAD B LSTAT	0.6607077
##	2596	2743	7			CRIM ZN INDUS RM RAD B LSTAT	0.6606287
##	2792	2744	7			CRIM INDUS NX RM RAD B LSTAT	0.6598936
##	3149	2745	7			ZN NX DIS RAD TAX PTRATIO LSTAT	0.6597281
##	3054	2746	7			ZN INDUS RM AGE RAD TAX LSTAT	0.6593144
##	3002	2747	7			ZN INDUS NX RM RAD B LSTAT	0.6591890
##	2844	2748	7			CRIM INDUS RM AGE RAD TAX LSTAT	0.6591489
##	2900	2749	7			CRIM NX RM AGE RAD TAX LSTAT	0.6586492
##	2577	2750	7			CRIM ZN INDUS RM AGE TAX LSTAT	0.6581759
##	2647	2751	7			CRIM ZN NX RM AGE TAX LSTAT	0.6581376
##	2789	2752	7			CRIM INDUS NX RM RAD TAX LSTAT	0.6580392
##	2941	2753	7			CRIM NX DIS RAD PTRATIO B LSTAT	0.6578159
##	3197	2754	7			INDUS NX RM AGE RAD B LSTAT	0.6577751
##	3110	2755	7			ZN NX RM AGE RAD TAX LSTAT	0.6577722
##	2757	2756	7			CRIM ZN DIS RAD TAX PTRATIO LSTAT	0.6574134
##	2999	2757	7			ZN INDUS NX RM RAD TAX LSTAT	0.6566431
##	3151	2758	7			ZN NX DIS RAD PTRATIO B LSTAT	0.6562041
##	2695	2759	7			CRIM ZN NX DIS RAD PTRATIO LSTAT	0.6558352
##	2527	2760	7			CRIM ZN INDUS NX RM TAX LSTAT	0.6557785
##	2983	2761	7			ZN INDUS NX RM AGE TAX LSTAT	0.6552692
##	2644	2762	7			CRIM ZN NX RM AGE RAD LSTAT	0.6538384
##	2515	2763	7			CRIM ZN INDUS NX RM AGE LSTAT	0.6538298
##	2574	2764	7			CRIM ZN INDUS RM AGE RAD LSTAT	0.6538231
##	2773	2765	7			CRIM INDUS NX RM AGE TAX LSTAT	0.6537855

##	3194	2766	7	INDUS NX RM AGE RAD TAX LSTAT	0.6530750
##	2700	2767	7	CRIM ZN NX DIS PTRATIO B LSTAT	0.6522412
##	3290	2768	7	NX AGE DIS RAD PTRATIO B LSTAT	0.6516339
##	3142	2769	7	ZN NX AGE DIS PTRATIO B LSTAT	0.6515259
##	3235	2770	7	INDUS NX DIS RAD PTRATIO B LSTAT	0.6513940
##	3036	2771	7	ZN INDUS NX DIS PTRATIO B LSTAT	0.6513350
##	3288	2772	7	NX AGE DIS RAD TAX PTRATIO LSTAT	0.6509997
##	2821	2773	7	CRIM INDUS NX DIS RAD PTRATIO LSTAT	0.6506935
##	2524	2774	7	CRIM ZN INDUS NX RM RAD LSTAT	0.6506458
##	2927	2775	7	CRIM NX AGE DIS RAD PTRATIO LSTAT	0.6506171
##	3152	2776	7	ZN NX DIS TAX PTRATIO B LSTAT	0.6503784
##	2971	2777	7	CRIM DIS RAD TAX PTRATIO B LSTAT	0.6502811
##	2770	2778	7	CRIM INDUS NX RM AGE RAD LSTAT	0.6501424
##	3233	2779	7	INDUS NX DIS RAD TAX PTRATIO LSTAT	0.6497851
##	2554	2780	7	CRIM ZN INDUS NX DIS PTRATIO LSTAT	0.6481153
##	2679	2781	7	CRIM ZN NX AGE DIS PTRATIO LSTAT	0.6480750
##	3093	2782	7	ZN INDUS DIS RAD TAX PTRATIO LSTAT	0.6472821
##	2980	2783	7	ZN INDUS NX RM AGE RAD LSTAT	0.6471563
##	3176	2784	7	ZN AGE DIS RAD TAX PTRATIO LSTAT	0.6468232
##	2698	2785	7	CRIM ZN NX DIS TAX PTRATIO LSTAT	0.6465208
##	3265	2786	7	INDUS DIS RAD TAX PTRATIO B LSTAT	0.6461592
##	2758	2787	7	CRIM ZN DIS RAD TAX B LSTAT	0.6457061
##	3137	2788	7	ZN NX AGE DIS RAD PTRATIO LSTAT	0.6454945
##	3301	2789	7	AGE DIS RAD TAX PTRATIO B LSTAT	0.6452853
##	2630	2790	7	CRIM ZN INDUS DIS PTRATIO B LSTAT	0.6452094
##	3031	2791	7	ZN INDUS NX DIS RAD PTRATIO LSTAT	0.6448758
##	3015	2792	7	ZN INDUS NX AGE DIS PTRATIO LSTAT	0.6443287
##	3140	2793	7	ZN NX AGE DIS TAX PTRATIO LSTAT	0.6442582
##	3096	2794	7	ZN INDUS DIS TAX PTRATIO B LSTAT	0.6438338
##	3095	2795	7	ZN INDUS DIS RAD PTRATIO B LSTAT	0.6436746
##	3034	2796	7	ZN INDUS NX DIS TAX PTRATIO LSTAT	0.6435083
##	2759	2797	7	CRIM ZN DIS RAD PTRATIO B LSTAT	0.6426308
##	2826	2798	7	CRIM INDUS NX DIS PTRATIO B LSTAT	0.6425406
##	3226	2799	7	INDUS NX AGE DIS PTRATIO B LSTAT	0.6423102
##	2932	2800	7	CRIM NX AGE DIS PTRATIO B LSTAT	0.6422594
##	3086	2801	7	ZN INDUS AGE DIS PTRATIO B LSTAT	0.6422182
##	2942	2802	7	CRIM NX DIS TAX PTRATIO B LSTAT	0.6421844
##	3236	2803	7	INDUS NX DIS TAX PTRATIO B LSTAT	0.6420027
##	2693	2804	7	CRIM ZN NX DIS RAD TAX LSTAT	0.6418223
##	2760	2805	7	CRIM ZN DIS TAX PTRATIO B LSTAT	0.6416724
##	3291	2806	7	NX AGE DIS TAX PTRATIO B LSTAT	0.6416525
##	2883	2807	7	CRIM INDUS DIS RAD TAX PTRATIO LSTAT	0.6410831
##	3179	2808	7	ZN AGE DIS TAX PTRATIO B LSTAT	0.6406002
##	3221	2809	7	INDUS NX AGE DIS RAD PTRATIO LSTAT	0.6404974
##	3150	2810	7	ZN NX DIS RAD TAX B LSTAT	0.6404939
##	2623	2811	7	CRIM ZN INDUS DIS RAD TAX LSTAT	0.6402065
##	2625	2812	7	CRIM ZN INDUS DIS RAD PTRATIO LSTAT	0.6401138
##	3094	2813	7	ZN INDUS DIS RAD TAX B LSTAT	0.6399947
##	2966	2814	7	CRIM AGE DIS RAD TAX PTRATIO LSTAT	0.6392566
##	2885	2815	7	CRIM INDUS DIS RAD PTRATIO B LSTAT	0.6392418
##	2750	2816	7	CRIM ZN AGE DIS PTRATIO B LSTAT	0.6391091
##	3177	2817	7	ZN AGE DIS RAD TAX B LSTAT	0.6390782
##	2628	2818	7	CRIM ZN INDUS DIS TAX PTRATIO LSTAT	0.6387006
##	2743	2819	7	CRIM ZN AGE DIS RAD TAX LSTAT	0.6383072

## 2805	2820	7	CRIM INDUS NX AGE DIS PTRATIO LSTAT	0.6382483
## 2824	2821	7	CRIM INDUS NX DIS TAX PTRATIO LSTAT	0.6380377
## 2609	2822	7	CRIM ZN INDUS AGE DIS PTRATIO LSTAT	0.6374327
## 2930	2823	7	CRIM NX AGE DIS TAX PTRATIO LSTAT	0.6373616
## 3178	2824	7	ZN AGE DIS RAD PTRATIO B LSTAT	0.6369644
## 3224	2825	7	INDUS NX AGE DIS TAX PTRATIO LSTAT	0.6352136
## 3084	2826	7	ZN INDUS AGE DIS TAX PTRATIO LSTAT	0.6346693
## 2748	2827	7	CRIM ZN AGE DIS TAX PTRATIO LSTAT	0.6342496
## 3262	2828	7	INDUS AGE DIS RAD PTRATIO B LSTAT	0.6337682
## 2970	2829	7	CRIM AGE RAD TAX PTRATIO B LSTAT	0.6325986
## 3292	2830	7	NX AGE RAD TAX PTRATIO B LSTAT	0.6324909
## 3260	2831	7	INDUS AGE DIS RAD TAX PTRATIO LSTAT	0.6319981
## 3180	2832	7	ZN AGE RAD TAX PTRATIO B LSTAT	0.6318497
## 3135	2833	7	ZN NX AGE DIS RAD TAX LSTAT	0.6317507
## 2886	2834	7	CRIM INDUS DIS TAX PTRATIO B LSTAT	0.6316054
## 2876	2835	7	CRIM INDUS AGE DIS PTRATIO B LSTAT	0.6315997
## 2629	2836	7	CRIM ZN INDUS DIS TAX B LSTAT	0.6314492
## 2968	2837	7	CRIM AGE DIS RAD PTRATIO B LSTAT	0.6313457
## 2895	2838	7	CRIM NX RM AGE DIS PTRATIO B	0.6311949
## 3029	2839	7	ZN INDUS NX DIS RAD TAX LSTAT	0.6311502
## 2745	2840	7	CRIM ZN AGE DIS RAD PTRATIO LSTAT	0.6306106
## 3263	2841	7	INDUS AGE DIS TAX PTRATIO B LSTAT	0.6302970
## 2555	2842	7	CRIM ZN INDUS NX DIS B LSTAT	0.6301422
## 3035	2843	7	ZN INDUS NX DIS TAX B LSTAT	0.6296806
## 3079	2844	7	ZN INDUS AGE DIS RAD TAX LSTAT	0.6296463
## 3081	2845	7	ZN INDUS AGE DIS RAD PTRATIO LSTAT	0.6293853
## 3085	2846	7	ZN INDUS AGE DIS TAX B LSTAT	0.6292139
## 2934	2847	7	CRIM NX AGE RAD TAX PTRATIO LSTAT	0.6290412
## 3264	2848	7	INDUS AGE RAD TAX PTRATIO B LSTAT	0.6289977
## 2871	2849	7	CRIM INDUS AGE DIS RAD PTRATIO LSTAT	0.6284724
## 2699	2850	7	CRIM ZN NX DIS TAX B LSTAT	0.6284236
## 2626	2851	7	CRIM ZN INDUS DIS RAD B LSTAT	0.6284119
## 2610	2852	7	CRIM ZN INDUS AGE DIS B LSTAT	0.6282484
## 2552	2853	7	CRIM ZN INDUS NX DIS TAX LSTAT	0.6278882
## 3141	2854	7	ZN NX AGE DIS TAX B LSTAT	0.6273442
## 2752	2855	7	CRIM ZN AGE RAD TAX PTRATIO LSTAT	0.6269967
## 2936	2856	7	CRIM NX AGE RAD PTRATIO B LSTAT	0.6267109
## 2607	2857	7	CRIM ZN INDUS AGE DIS TAX LSTAT	0.6264433
## 2969	2858	7	CRIM AGE DIS TAX PTRATIO B LSTAT	0.6263628
## 2887	2859	7	CRIM INDUS RAD TAX PTRATIO B LSTAT	0.6262970
## 2749	2860	7	CRIM ZN AGE DIS TAX B LSTAT	0.6262299
## 2535	2861	7	CRIM ZN INDUS NX AGE DIS LSTAT	0.6257732
## 3189	2862	7	INDUS NX RM AGE DIS PTRATIO B	0.6254927
## 2839	2863	7	CRIM INDUS RM AGE DIS PTRATIO B	0.6250196
## 2549	2864	7	CRIM ZN INDUS NX DIS RAD LSTAT	0.6248783
## 2677	2865	7	CRIM ZN NX AGE DIS TAX LSTAT	0.6248553
## 3272	2866	7	NX RM AGE DIS TAX PTRATIO B	0.6246235
## 3016	2867	7	ZN INDUS NX AGE DIS B LSTAT	0.6245123
## 3105	2868	7	ZN NX RM AGE DIS PTRATIO B	0.6240525
## 3269	2869	7	NX RM AGE DIS RAD PTRATIO B	0.6240253
## 2874	2870	7	CRIM INDUS AGE DIS TAX PTRATIO LSTAT	0.6239314
## 3013	2871	7	ZN INDUS NX AGE DIS TAX LSTAT	0.6237791
## 3228	2872	7	INDUS NX AGE RAD TAX PTRATIO LSTAT	0.6237288
## 3237	2873	7	INDUS NX RAD TAX PTRATIO B LSTAT	0.6235925

##	2911	2874	7	CRIM NX RM DIS RAD PTRATIO B	0.6235649
##	2680	2875	7	CRIM ZN NX AGE DIS B LSTAT	0.6234725
##	3097	2876	7	ZN INDUS RAD TAX PTRATIO B LSTAT	0.6234293
##	3032	2877	7	ZN INDUS NX DIS RAD B LSTAT	0.6232871
##	2761	2878	7	CRIM ZN RAD TAX PTRATIO B LSTAT	0.6231429
##	2943	2879	7	CRIM NX RAD TAX PTRATIO B LSTAT	0.6229829
##	3294	2880	7	RM AGE DIS RAD TAX PTRATIO B	0.6226699
##	2878	2881	7	CRIM INDUS AGE RAD TAX PTRATIO LSTAT	0.6226462
##	2696	2882	7	CRIM ZN NX DIS RAD B LSTAT	0.6225416
##	3144	2883	7	ZN NX AGE RAD TAX PTRATIO LSTAT	0.6223658
##	3146	2884	7	ZN NX AGE RAD PTRATIO B LSTAT	0.6221489
##	3230	2885	7	INDUS NX AGE RAD PTRATIO B LSTAT	0.6220361
##	3082	2886	7	ZN INDUS AGE DIS RAD B LSTAT	0.6215679
##	2604	2887	7	CRIM ZN INDUS AGE DIS RAD LSTAT	0.6211750
##	2889	2888	7	CRIM NX RM AGE DIS RAD PTRATIO	0.6203098
##	3088	2889	7	ZN INDUS AGE RAD TAX PTRATIO LSTAT	0.6200932
##	2950	2890	7	CRIM RM AGE DIS TAX PTRATIO B	0.6199105
##	2764	2891	7	CRIM INDUS NX RM AGE DIS PTRATIO	0.6198136
##	2754	2892	7	CRIM ZN AGE RAD PTRATIO B LSTAT	0.6197332
##	2713	2893	7	CRIM ZN RM AGE DIS PTRATIO B	0.6195668
##	2658	2894	7	CRIM ZN NX RM DIS PTRATIO B	0.6187820
##	3244	2895	7	INDUS RM AGE DIS TAX PTRATIO B	0.6187029
##	3153	2896	7	ZN NX RAD TAX PTRATIO B LSTAT	0.6186861
##	3281	2897	7	NX RM DIS RAD TAX PTRATIO B	0.6186794
##	2638	2898	7	CRIM ZN NX RM AGE DIS PTRATIO	0.6183548
##	2880	2899	7	CRIM INDUS AGE RAD PTRATIO B LSTAT	0.6182946
##	2685	2900	7	CRIM ZN NX AGE RAD PTRATIO LSTAT	0.6182704
##	2784	2901	7	CRIM INDUS NX RM DIS PTRATIO B	0.6182499
##	2908	2902	7	CRIM NX RM DIS RAD TAX PTRATIO	0.6181221
##	2947	2903	7	CRIM RM AGE DIS RAD PTRATIO B	0.6179397
##	3160	2904	7	ZN RM AGE DIS TAX PTRATIO B	0.6179154
##	2811	2905	7	CRIM INDUS NX AGE RAD PTRATIO LSTAT	0.6179072
##	2828	2906	7	CRIM INDUS NX RAD TAX PTRATIO LSTAT	0.6176452
##	2674	2907	7	CRIM ZN NX AGE DIS RAD LSTAT	0.6171996
##	2892	2908	7	CRIM NX RM AGE DIS TAX PTRATIO	0.6169190
##	2632	2909	7	CRIM ZN INDUS RAD TAX PTRATIO LSTAT	0.6168860
##	3049	2910	7	ZN INDUS RM AGE DIS PTRATIO B	0.6168786
##	3138	2911	7	ZN NX AGE DIS RAD B LSTAT	0.6167194
##	3090	2912	7	ZN INDUS AGE RAD PTRATIO B LSTAT	0.6159110
##	2746	2913	7	CRIM ZN AGE DIS RAD B LSTAT	0.6157756
##	3241	2914	7	INDUS RM AGE DIS RAD PTRATIO B	0.6154283
##	2914	2915	7	CRIM NX RM DIS TAX PTRATIO B	0.6153722
##	3010	2916	7	ZN INDUS NX AGE DIS RAD LSTAT	0.6146605
##	2690	2917	7	CRIM ZN NX AGE PTRATIO B LSTAT	0.6134728
##	3026	2918	7	ZN INDUS NX AGE PTRATIO B LSTAT	0.6134019
##	2702	2919	7	CRIM ZN NX RAD TAX PTRATIO LSTAT	0.6132981
##	3147	2920	7	ZN NX AGE TAX PTRATIO B LSTAT	0.6130815
##	2944	2921	7	CRIM RM AGE DIS RAD TAX PTRATIO	0.6127577
##	2918	2922	7	CRIM NX RM RAD TAX PTRATIO B	0.6122401
##	2954	2923	7	CRIM RM AGE RAD TAX PTRATIO B	0.6122161
##	2937	2924	7	CRIM NX AGE TAX PTRATIO B LSTAT	0.6121450
##	2994	2925	7	ZN INDUS NX RM DIS PTRATIO B	0.6120853
##	2816	2926	7	CRIM INDUS NX AGE PTRATIO B LSTAT	0.6118169
##	3231	2927	7	INDUS NX AGE TAX PTRATIO B LSTAT	0.6117952

##	2755	2928	7	CRIM ZN AGE TAX PTRATIO B LSTAT	0.6117630
##	2830	2929	7	CRIM INDUS NX RAD PTRATIO B LSTAT	0.6117401
##	2620	2930	7	CRIM ZN INDUS AGE PTRATIO B LSTAT	0.6117129
##	2569	2931	7	CRIM ZN INDUS RM AGE DIS B	0.6115510
##	3205	2932	7	INDUS NX RM DIS RAD PTRATIO B	0.6114411
##	2778	2933	7	CRIM INDUS NX RM DIS RAD PTRATIO	0.6113445
##	3091	2934	7	ZN INDUS AGE TAX PTRATIO B LSTAT	0.6112884
##	2704	2935	7	CRIM ZN NX RAD PTRATIO B LSTAT	0.6111062
##	3124	2936	7	ZN NX RM DIS TAX PTRATIO B	0.6110843
##	3038	2937	7	ZN INDUS NX RAD TAX PTRATIO LSTAT	0.6103976
##	3208	2938	7	INDUS NX RM DIS TAX PTRATIO B	0.6102626
##	2634	2939	7	CRIM ZN INDUS RAD PTRATIO B LSTAT	0.6101083
##	3021	2940	7	ZN INDUS NX AGE RAD PTRATIO LSTAT	0.6100126
##	2568	2941	7	CRIM ZN INDUS RM AGE DIS PTRATIO	0.6099488
##	3121	2942	7	ZN NX RM DIS RAD PTRATIO B	0.6097112
##	2615	2943	7	CRIM ZN INDUS AGE RAD PTRATIO LSTAT	0.6096723
##	3266	2944	7	NX RM AGE DIS RAD TAX PTRATIO	0.6095391
##	2711	2945	7	CRIM ZN RM AGE DIS TAX B	0.6095179
##	2518	2946	7	CRIM ZN INDUS NX RM DIS PTRATIO	0.6094231
##	2652	2947	7	CRIM ZN NX RM DIS RAD PTRATIO	0.6090038
##	3157	2948	7	ZN RM AGE DIS RAD PTRATIO B	0.6087927
##	2881	2949	7	CRIM INDUS AGE TAX PTRATIO B LSTAT	0.6087673
##	2836	2950	7	CRIM INDUS RM AGE DIS TAX PTRATIO	0.6086789
##	2544	2951	7	CRIM ZN INDUS NX AGE PTRATIO LSTAT	0.6077077
##	3040	2952	7	ZN INDUS NX RAD PTRATIO B LSTAT	0.6075142
##	2688	2953	7	CRIM ZN NX AGE TAX PTRATIO LSTAT	0.6074937
##	3047	2954	7	ZN INDUS RM AGE DIS TAX B	0.6072590
##	2833	2955	7	CRIM INDUS RM AGE DIS RAD PTRATIO	0.6072096
##	3155	2956	7	ZN RM AGE DIS RAD TAX B	0.6068900
##	2884	2957	7	CRIM INDUS DIS RAD TAX B LSTAT	0.6067604
##	2710	2958	7	CRIM ZN RM AGE DIS TAX PTRATIO	0.6063421
##	2814	2959	7	CRIM INDUS NX AGE TAX PTRATIO LSTAT	0.6060332
##	3024	2960	7	ZN INDUS NX AGE TAX PTRATIO LSTAT	0.6059146
##	2655	2961	7	CRIM ZN NX RM DIS TAX PTRATIO	0.6058261
##	3102	2962	7	ZN NX RM AGE DIS TAX PTRATIO	0.6057295
##	2781	2963	7	CRIM INDUS NX RM DIS TAX PTRATIO	0.6056960
##	2736	2964	7	CRIM ZN RM RAD TAX PTRATIO B	0.6056454
##	3186	2965	7	INDUS NX RM AGE DIS TAX PTRATIO	0.6055153
##	2588	2966	7	CRIM ZN INDUS RM DIS PTRATIO B	0.6052846
##	2940	2967	7	CRIM NX DIS RAD TAX B LSTAT	0.6050256
##	2618	2968	7	CRIM ZN INDUS AGE TAX PTRATIO LSTAT	0.6047311
##	2959	2969	7	CRIM RM DIS RAD TAX PTRATIO B	0.6046618
##	2901	2970	7	CRIM NX RM AGE RAD PTRATIO B	0.6045240
##	2862	2971	7	CRIM INDUS RM RAD TAX PTRATIO B	0.6041182
##	2753	2972	7	CRIM ZN AGE RAD TAX B LSTAT	0.6038839
##	3276	2973	7	NX RM AGE RAD TAX PTRATIO B	0.6038214
##	3103	2974	7	ZN NX RM AGE DIS TAX B	0.6036903
##	3234	2975	7	INDUS NX DIS RAD TAX B LSTAT	0.6032960
##	2837	2976	7	CRIM INDUS RM AGE DIS TAX B	0.6030918
##	2819	2977	7	CRIM INDUS NX DIS RAD TAX LSTAT	0.6030800
##	2639	2978	7	CRIM ZN NX RM AGE DIS B	0.6029254
##	2664	2979	7	CRIM ZN NX RM RAD PTRATIO B	0.6027809
##	3248	2980	7	INDUS RM AGE RAD TAX PTRATIO B	0.6027489
##	2790	2981	7	CRIM INDUS NX RM RAD PTRATIO B	0.6025746

##	2706	2982	7	CRIM ZN RM AGE DIS RAD TAX	0.6024965
##	3164	2983	7	ZN RM AGE RAD TAX PTRATIO B	0.6024441
##	2567	2984	7	CRIM ZN INDUS RM AGE DIS TAX	0.6022082
##	2974	2985	7	ZN INDUS NX RM AGE DIS PTRATIO	0.6019970
##	3261	2986	7	INDUS AGE DIS RAD TAX B LSTAT	0.6016968
##	3183	2987	7	INDUS NX RM AGE DIS RAD PTRATIO	0.6016800
##	2765	2988	7	CRIM INDUS NX RM AGE DIS B	0.6016784
##	3212	2989	7	INDUS NX RM RAD TAX PTRATIO B	0.6015270
##	2945	2990	7	CRIM RM AGE DIS RAD TAX B	0.6013056
##	2560	2991	7	CRIM ZN INDUS NX RAD PTRATIO LSTAT	0.6011992
##	2967	2992	7	CRIM AGE DIS RAD TAX B LSTAT	0.6011947
##	2855	2993	7	CRIM INDUS RM DIS RAD PTRATIO B	0.6010822
##	2845	2994	7	CRIM INDUS RM AGE RAD PTRATIO B	0.6010140
##	3169	2995	7	ZN RM DIS RAD TAX PTRATIO B	0.6010112
##	3128	2996	7	ZN NX RM RAD TAX PTRATIO B	0.6008709
##	3289	2997	7	NX AGE DIS RAD TAX B LSTAT	0.6001244
##	2719	2998	7	CRIM ZN RM AGE RAD PTRATIO B	0.6000881
##	3089	2999	7	ZN INDUS AGE RAD TAX B LSTAT	0.6000530
##	2858	3000	7	CRIM INDUS RM DIS TAX PTRATIO B	0.6000401
##	2869	3001	7	CRIM INDUS AGE DIS RAD TAX LSTAT	0.5999835
##	2834	3002	7	CRIM INDUS RM AGE DIS RAD B	0.5999803
##	3145	3003	7	ZN NX AGE RAD TAX B LSTAT	0.5998796
##	2648	3004	7	CRIM ZN NX RM AGE PTRATIO B	0.5995030
##	2822	3005	7	CRIM INDUS NX DIS RAD B LSTAT	0.5994116
##	2904	3006	7	CRIM NX RM AGE TAX PTRATIO B	0.5992848
##	2774	3007	7	CRIM INDUS NX RM AGE PTRATIO B	0.5991995
##	2925	3008	7	CRIM NX AGE DIS RAD TAX LSTAT	0.5991962
##	2635	3009	7	CRIM ZN INDUS TAX PTRATIO B LSTAT	0.5990384
##	2565	3010	7	CRIM ZN INDUS NX PTRATIO B LSTAT	0.5990211
##	2825	3011	7	CRIM INDUS NX DIS TAX B LSTAT	0.5989677
##	2510	3012	7	CRIM ZN INDUS NX RM AGE DIS	0.5988702
##	2831	3013	7	CRIM INDUS NX TAX PTRATIO B LSTAT	0.5988590
##	3041	3014	7	ZN INDUS NX TAX PTRATIO B LSTAT	0.5987567
##	3068	3015	7	ZN INDUS RM DIS TAX PTRATIO B	0.5986966
##	3099	3016	7	ZN NX RM AGE DIS RAD PTRATIO	0.5986116
##	2705	3017	7	CRIM ZN NX TAX PTRATIO B LSTAT	0.5983779
##	2806	3018	7	CRIM INDUS NX AGE DIS B LSTAT	0.5983422
##	3044	3019	7	ZN INDUS RM AGE DIS RAD B	0.5983111
##	2848	3020	7	CRIM INDUS RM AGE TAX PTRATIO B	0.5982870
##	3046	3021	7	ZN INDUS RM AGE DIS TAX PTRATIO	0.5982668
##	2637	3022	7	CRIM ZN NX RM AGE DIS TAX	0.5982611
##	2722	3023	7	CRIM ZN RM AGE TAX PTRATIO B	0.5982027
##	3154	3024	7	ZN RM AGE DIS RAD TAX PTRATIO	0.5981760
##	3118	3025	7	ZN NX RM DIS RAD TAX PTRATIO	0.5981528
##	2578	3026	7	CRIM ZN INDUS RM AGE PTRATIO B	0.5980095
##	2732	3027	7	CRIM ZN RM DIS TAX PTRATIO B	0.5980063
##	3253	3028	7	INDUS RM DIS RAD TAX PTRATIO B	0.5978404
##	2613	3029	7	CRIM ZN INDUS AGE RAD TAX LSTAT	0.5977555
##	2519	3030	7	CRIM ZN INDUS NX RM DIS B	0.5976828
##	2683	3031	7	CRIM ZN NX AGE RAD TAX LSTAT	0.5974150
##	2708	3032	7	CRIM ZN RM AGE DIS RAD B	0.5973822
##	2875	3033	7	CRIM INDUS AGE DIS TAX B LSTAT	0.5973590
##	3238	3034	7	INDUS RM AGE DIS RAD TAX PTRATIO	0.5971254
##	2707	3035	7	CRIM ZN RM AGE DIS RAD PTRATIO	0.5970532

##	2893	3036	7	CRIM NX RM AGE DIS TAX B	0.5970314
##	3225	3037	7	INDUS NX AGE DIS TAX B LSTAT	0.5967985
##	2898	3038	7	CRIM NX RM AGE RAD TAX PTRATIO	0.5966536
##	2872	3039	7	CRIM INDUS AGE DIS RAD B LSTAT	0.5964535
##	2528	3040	7	CRIM ZN INDUS NX RM PTRATIO B	0.5964254
##	2793	3041	7	CRIM INDUS NX RM TAX PTRATIO B	0.5964236
##	2667	3042	7	CRIM ZN NX RM TAX PTRATIO B	0.5963599
##	2727	3043	7	CRIM ZN RM DIS RAD TAX B	0.5963429
##	3239	3044	7	INDUS RM AGE DIS RAD TAX B	0.5960191
##	2586	3045	7	CRIM ZN INDUS RM DIS TAX B	0.5957558
##	2787	3046	7	CRIM INDUS NX RM RAD TAX PTRATIO	0.5955721
##	2975	3047	7	ZN INDUS NX RM AGE DIS B	0.5955218
##	3202	3048	7	INDUS NX RM DIS RAD TAX PTRATIO	0.5953813
##	3187	3049	7	INDUS NX RM AGE DIS TAX B	0.5953292
##	3111	3050	7	ZN NX RM AGE RAD PTRATIO B	0.5952475
##	2661	3051	7	CRIM ZN NX RM RAD TAX PTRATIO	0.5951224
##	2566	3052	7	CRIM ZN INDUS RM AGE DIS RAD	0.5951155
##	3114	3053	7	ZN NX RM AGE TAX PTRATIO B	0.5949737
##	3219	3054	7	INDUS NX AGE DIS RAD TAX LSTAT	0.5948360
##	3198	3055	7	INDUS NX RM AGE TAX PTRATIO B	0.5947281
##	3072	3056	7	ZN INDUS RM RAD TAX PTRATIO B	0.5946636
##	2803	3057	7	CRIM INDUS NX AGE DIS TAX LSTAT	0.5945735
##	3195	3058	7	INDUS NX RM AGE RAD PTRATIO B	0.5940787
##	2984	3059	7	ZN INDUS NX RM AGE PTRATIO B	0.5940359
##	2656	3060	7	CRIM ZN NX RM DIS TAX B	0.5939205
##	2594	3061	7	CRIM ZN INDUS RM RAD PTRATIO B	0.5939188
##	3222	3062	7	INDUS NX AGE DIS RAD B LSTAT	0.5939020
##	3058	3063	7	ZN INDUS RM AGE TAX PTRATIO B	0.5938565
##	2800	3064	7	CRIM INDUS NX AGE DIS RAD LSTAT	0.5938549
##	2726	3065	7	CRIM ZN RM DIS RAD TAX PTRATIO	0.5936196
##	2991	3066	7	ZN INDUS NX RM DIS TAX PTRATIO	0.5934848
##	2716	3067	7	CRIM ZN RM AGE RAD TAX PTRATIO	0.5928254
##	2842	3068	7	CRIM INDUS RM AGE RAD TAX PTRATIO	0.5927057
##	3267	3069	7	NX RM AGE DIS RAD TAX B	0.5926136
##	3065	3070	7	ZN INDUS RM DIS RAD PTRATIO B	0.5925506
##	2597	3071	7	CRIM ZN INDUS RM TAX PTRATIO B	0.5923135
##	3055	3072	7	ZN INDUS RM AGE RAD PTRATIO B	0.5918035
##	2931	3073	7	CRIM NX AGE DIS TAX B LSTAT	0.5916303
##	2563	3074	7	CRIM ZN INDUS NX TAX PTRATIO LSTAT	0.5916040
##	3000	3075	7	ZN INDUS NX RM RAD PTRATIO B	0.5915951
##	2651	3076	7	CRIM ZN NX RM DIS RAD TAX	0.5915300
##	2832	3077	7	CRIM INDUS RM AGE DIS RAD TAX	0.5914330
##	3003	3078	7	ZN INDUS NX RM TAX PTRATIO B	0.5911660
##	2585	3079	7	CRIM ZN INDUS RM DIS TAX PTRATIO	0.5909559
##	2763	3080	7	CRIM INDUS NX RM AGE DIS TAX	0.5906746
##	2729	3081	7	CRIM ZN RM DIS RAD PTRATIO B	0.5905920
##	2852	3082	7	CRIM INDUS RM DIS RAD TAX PTRATIO	0.5905666
##	3019	3083	7	ZN INDUS NX AGE RAD TAX LSTAT	0.5904684
##	2890	3084	7	CRIM NX RM AGE DIS RAD B	0.5903178
##	2992	3085	7	ZN INDUS NX RM DIS TAX B	0.5902259
##	2583	3086	7	CRIM ZN INDUS RM DIS RAD B	0.5900700
##	3119	3087	7	ZN NX RM DIS RAD TAX B	0.5900092
##	3100	3088	7	ZN NX RM AGE DIS RAD B	0.5898422
##	3184	3089	7	INDUS NX RM AGE DIS RAD B	0.5897296

##	2517	3090	7	CRIM ZN INDUS NX RM DIS TAX	0.5891774
##	3043	3091	7	ZN INDUS RM AGE DIS RAD PTRATIO	0.5891186
##	2988	3092	7	ZN INDUS NX RM DIS RAD PTRATIO	0.5888774
##	2703	3093	7	CRIM ZN NX RAD TAX B LSTAT	0.5885963
##	3063	3094	7	ZN INDUS RM DIS RAD TAX B	0.5885439
##	2888	3095	7	CRIM NX RM AGE DIS RAD TAX	0.5884117
##	2928	3096	7	CRIM NX AGE DIS RAD B LSTAT	0.5881045
##	2973	3097	7	ZN INDUS NX RM AGE DIS TAX	0.5875105
##	2581	3098	7	CRIM ZN INDUS RM DIS RAD TAX	0.5873018
##	2689	3099	7	CRIM ZN NX AGE TAX B LSTAT	0.5870940
##	2762	3100	7	CRIM INDUS NX RM AGE DIS RAD	0.5870097
##	2642	3101	7	CRIM ZN NX RM AGE RAD PTRATIO	0.5868472
##	2582	3102	7	CRIM ZN INDUS RM DIS RAD PTRATIO	0.5867721
##	2636	3103	7	CRIM ZN NX RM AGE DIS RAD	0.5867496
##	2619	3104	7	CRIM ZN INDUS AGE TAX B LSTAT	0.5866574
##	3042	3105	7	ZN INDUS RM AGE DIS RAD TAX	0.5864981
##	2591	3106	7	CRIM ZN INDUS RM RAD TAX PTRATIO	0.5864348
##	3025	3107	7	ZN INDUS NX AGE TAX B LSTAT	0.5863818
##	2768	3108	7	CRIM INDUS NX RM AGE RAD PTRATIO	0.5860817
##	3039	3109	7	ZN INDUS NX RAD TAX B LSTAT	0.5857991
##	3098	3110	7	ZN NX RM AGE DIS RAD TAX	0.5853524
##	2522	3111	7	CRIM ZN INDUS NX RM RAD PTRATIO	0.5850794
##	2616	3112	7	CRIM ZN INDUS AGE RAD B LSTAT	0.5849784
##	2653	3113	7	CRIM ZN NX RM DIS RAD B	0.5849571
##	2633	3114	7	CRIM ZN INDUS RAD TAX B LSTAT	0.5841439
##	2516	3115	7	CRIM ZN INDUS NX RM DIS RAD	0.5840635
##	2645	3116	7	CRIM ZN NX RM AGE TAX PTRATIO	0.5840148
##	2545	3117	7	CRIM ZN INDUS NX AGE B LSTAT	0.5839330
##	2771	3118	7	CRIM INDUS NX RM AGE TAX PTRATIO	0.5838177
##	2717	3119	7	CRIM ZN RM AGE RAD TAX B	0.5837899
##	2879	3120	7	CRIM INDUS AGE RAD TAX B LSTAT	0.5836467
##	2513	3121	7	CRIM ZN INDUS NX RM AGE PTRATIO	0.5836164
##	2686	3122	7	CRIM ZN NX AGE RAD B LSTAT	0.5834762
##	2935	3123	7	CRIM NX AGE RAD TAX B LSTAT	0.5834546
##	2782	3124	7	CRIM INDUS NX RM DIS TAX B	0.5828517
##	2542	3125	7	CRIM ZN INDUS NX AGE TAX LSTAT	0.5818443
##	2989	3126	7	ZN INDUS NX RM DIS RAD B	0.5818437
##	2575	3127	7	CRIM ZN INDUS RM AGE TAX PTRATIO	0.5816611
##	2525	3128	7	CRIM ZN INDUS NX RM TAX PTRATIO	0.5816040
##	2558	3129	7	CRIM ZN INDUS NX RAD TAX LSTAT	0.5811742
##	2779	3130	7	CRIM INDUS NX RM DIS RAD B	0.5810487
##	2572	3131	7	CRIM ZN INDUS RM AGE RAD PTRATIO	0.5809033
##	2853	3132	7	CRIM INDUS RM DIS RAD TAX B	0.5808465
##	2909	3133	7	CRIM NX RM DIS RAD TAX B	0.5808261
##	2592	3134	7	CRIM ZN INDUS RM RAD TAX B	0.5807433
##	3022	3135	7	ZN INDUS NX AGE RAD B LSTAT	0.5806564
##	2662	3136	7	CRIM ZN NX RM RAD TAX B	0.5805648
##	3229	3137	7	INDUS NX AGE RAD TAX B LSTAT	0.5800266
##	2899	3138	7	CRIM NX RM AGE RAD TAX B	0.5795747
##	3192	3139	7	INDUS NX RM AGE RAD TAX PTRATIO	0.5795565
##	2843	3140	7	CRIM INDUS RM AGE RAD TAX B	0.5794805
##	3108	3141	7	ZN NX RM AGE RAD TAX PTRATIO	0.5790019
##	2539	3142	7	CRIM ZN INDUS NX AGE RAD LSTAT	0.5778113
##	3062	3143	7	ZN INDUS RM DIS RAD TAX PTRATIO	0.5773204

##	2809	3144	7	CRIM INDUS NX AGE RAD TAX LSTAT	0.5771286
##	2972	3145	7	ZN INDUS NX RM AGE DIS RAD	0.5769145
##	2997	3146	7	ZN INDUS NX RM RAD TAX PTRATIO	0.5765367
##	2646	3147	7	CRIM ZN NX RM AGE TAX B	0.5762138
##	2576	3148	7	CRIM ZN INDUS RM AGE TAX B	0.5757711
##	3052	3149	7	ZN INDUS RM AGE RAD TAX PTRATIO	0.5756534
##	2829	3150	7	CRIM INDUS NX RAD TAX B LSTAT	0.5753739
##	3182	3151	7	INDUS NX RM AGE DIS RAD TAX	0.5749480
##	3109	3152	7	ZN NX RM AGE RAD TAX B	0.5748234
##	3203	3153	7	INDUS NX RM DIS RAD TAX B	0.5741162
##	2772	3154	7	CRIM INDUS NX RM AGE TAX B	0.5740699
##	2777	3155	7	CRIM INDUS NX RM DIS RAD TAX	0.5740293
##	3053	3156	7	ZN INDUS RM AGE RAD TAX B	0.5738965
##	2981	3157	7	ZN INDUS NX RM AGE TAX PTRATIO	0.5737109
##	2788	3158	7	CRIM INDUS NX RM RAD TAX B	0.5729352
##	2526	3159	7	CRIM ZN INDUS NX RM TAX B	0.5727467
##	2514	3160	7	CRIM ZN INDUS NX RM AGE B	0.5721135
##	2564	3161	7	CRIM ZN INDUS NX TAX B LSTAT	0.5720017
##	2987	3162	7	ZN INDUS NX RM DIS RAD TAX	0.5719580
##	2573	3163	7	CRIM ZN INDUS RM AGE RAD B	0.5718138
##	2815	3164	7	CRIM INDUS NX AGE TAX B LSTAT	0.5715048
##	2982	3165	7	ZN INDUS NX RM AGE TAX B	0.5711113
##	3193	3166	7	INDUS NX RM AGE RAD TAX B	0.5709829
##	2812	3167	7	CRIM INDUS NX AGE RAD B LSTAT	0.5709132
##	2769	3168	7	CRIM INDUS NX RM AGE RAD B	0.5702354
##	2998	3169	7	ZN INDUS NX RM RAD TAX B	0.5697933
##	2643	3170	7	CRIM ZN NX RM AGE RAD B	0.5694897
##	2978	3171	7	ZN INDUS NX RM AGE RAD PTRATIO	0.5692840
##	2561	3172	7	CRIM ZN INDUS NX RAD B LSTAT	0.5687296
##	2523	3173	7	CRIM ZN INDUS NX RM RAD B	0.5683721
##	2641	3174	7	CRIM ZN NX RM AGE RAD TAX	0.5679531
##	2571	3175	7	CRIM ZN INDUS RM AGE RAD TAX	0.5679425
##	2521	3176	7	CRIM ZN INDUS NX RM RAD TAX	0.5650714
##	2767	3177	7	CRIM INDUS NX RM AGE RAD TAX	0.5636711
##	2979	3178	7	ZN INDUS NX RM AGE RAD B	0.5626930
##	2512	3179	7	CRIM ZN INDUS NX RM AGE TAX	0.5619038
##	2511	3180	7	CRIM ZN INDUS NX RM AGE RAD	0.5553296
##	2977	3181	7	ZN INDUS NX RM AGE RAD TAX	0.5514604
##	2691	3182	7	CRIM ZN NX DIS RAD TAX PTRATIO	0.4722100
##	2938	3183	7	CRIM NX DIS RAD TAX PTRATIO B	0.4685394
##	2923	3184	7	CRIM NX AGE DIS RAD TAX PTRATIO	0.4649754
##	2817	3185	7	CRIM INDUS NX DIS RAD TAX PTRATIO	0.4642467
##	2820	3186	7	CRIM INDUS NX DIS RAD PTRATIO B	0.4628974
##	2547	3187	7	CRIM ZN INDUS NX DIS RAD PTRATIO	0.4604627
##	2798	3188	7	CRIM INDUS NX AGE DIS RAD PTRATIO	0.4590829
##	3148	3189	7	ZN NX DIS RAD TAX PTRATIO B	0.4560128
##	3287	3190	7	NX AGE DIS RAD TAX PTRATIO B	0.4536949
##	2533	3191	7	CRIM ZN INDUS NX AGE DIS PTRATIO	0.4526150
##	2553	3192	7	CRIM ZN INDUS NX DIS PTRATIO B	0.4522518
##	2926	3193	7	CRIM NX AGE DIS RAD PTRATIO B	0.4516801
##	2694	3194	7	CRIM ZN NX DIS RAD PTRATIO B	0.4500516
##	3232	3195	7	INDUS NX DIS RAD TAX PTRATIO B	0.4494269
##	2804	3196	7	CRIM INDUS NX AGE DIS PTRATIO B	0.4475400
##	3014	3197	7	ZN INDUS NX AGE DIS PTRATIO B	0.4472923

##	3220	3198	7	INDUS NX AGE DIS RAD PTRATIO B	0.4458775
##	2550	3199	7	CRIM ZN INDUS NX DIS TAX PTRATIO	0.4441208
##	2672	3200	7	CRIM ZN NX AGE DIS RAD PTRATIO	0.4434972
##	3030	3201	7	ZN INDUS NX DIS RAD PTRATIO B	0.4430783
##	3133	3202	7	ZN NX AGE DIS RAD TAX PTRATIO	0.4413938
##	3027	3203	7	ZN INDUS NX DIS RAD TAX PTRATIO	0.4404382
##	2801	3204	7	CRIM INDUS NX AGE DIS TAX PTRATIO	0.4402863
##	2608	3205	7	CRIM ZN INDUS AGE DIS PTRATIO B	0.4396097
##	2678	3206	7	CRIM ZN NX AGE DIS PTRATIO B	0.4395369
##	2823	3207	7	CRIM INDUS NX DIS TAX PTRATIO B	0.4386373
##	3033	3208	7	ZN INDUS NX DIS TAX PTRATIO B	0.4379743
##	3217	3209	7	INDUS NX AGE DIS RAD TAX PTRATIO	0.4377286
##	3223	3210	7	INDUS NX AGE DIS TAX PTRATIO B	0.4372856
##	2701	3211	7	CRIM ZN NX RAD TAX PTRATIO B	0.4343728
##	2621	3212	7	CRIM ZN INDUS DIS RAD TAX PTRATIO	0.4337347
##	2827	3213	7	CRIM INDUS NX RAD TAX PTRATIO B	0.4331842
##	2933	3214	7	CRIM NX AGE RAD TAX PTRATIO B	0.4325422
##	2867	3215	7	CRIM INDUS AGE DIS RAD TAX PTRATIO	0.4318927
##	2870	3216	7	CRIM INDUS AGE DIS RAD PTRATIO B	0.4317245
##	3011	3217	7	ZN INDUS NX AGE DIS TAX PTRATIO	0.4313928
##	3136	3218	7	ZN NX AGE DIS RAD PTRATIO B	0.4308559
##	2741	3219	7	CRIM ZN AGE DIS RAD TAX PTRATIO	0.4305455
##	2675	3220	7	CRIM ZN NX AGE DIS TAX PTRATIO	0.4300197
##	2697	3221	7	CRIM ZN NX DIS TAX PTRATIO B	0.4295054
##	3139	3222	7	ZN NX AGE DIS TAX PTRATIO B	0.4294271
##	3008	3223	7	ZN INDUS NX AGE DIS RAD PTRATIO	0.4287478
##	3259	3224	7	INDUS AGE DIS RAD TAX PTRATIO B	0.4284000
##	2602	3225	7	CRIM ZN INDUS AGE DIS RAD PTRATIO	0.4282103
##	2605	3226	7	CRIM ZN INDUS AGE DIS TAX PTRATIO	0.4281172
##	3083	3227	7	ZN INDUS AGE DIS TAX PTRATIO B	0.4279293
##	3175	3228	7	ZN AGE DIS RAD TAX PTRATIO B	0.4278276
##	2929	3229	7	CRIM NX AGE DIS TAX PTRATIO B	0.4271989
##	2965	3230	7	CRIM AGE DIS RAD TAX PTRATIO B	0.4251233
##	3092	3231	7	ZN INDUS DIS RAD TAX PTRATIO B	0.4244413
##	2624	3232	7	CRIM ZN INDUS DIS RAD PTRATIO B	0.4235298
##	2756	3233	7	CRIM ZN DIS RAD TAX PTRATIO B	0.4233118
##	2873	3234	7	CRIM INDUS AGE DIS TAX PTRATIO B	0.4222255
##	2601	3235	7	CRIM ZN INDUS AGE DIS RAD TAX	0.4218151
##	2882	3236	7	CRIM INDUS DIS RAD TAX PTRATIO B	0.4216534
##	3080	3237	7	ZN INDUS AGE DIS RAD PTRATIO B	0.4214336
##	2546	3238	7	CRIM ZN INDUS NX DIS RAD TAX	0.4203211
##	2627	3239	7	CRIM ZN INDUS DIS TAX PTRATIO B	0.4200175
##	2556	3240	7	CRIM ZN INDUS NX RAD TAX PTRATIO	0.4197689
##	2631	3241	7	CRIM ZN INDUS RAD TAX PTRATIO B	0.4195509
##	3077	3242	7	ZN INDUS AGE DIS RAD TAX PTRATIO	0.4191947
##	2681	3243	7	CRIM ZN NX AGE RAD TAX PTRATIO	0.4191191
##	2807	3244	7	CRIM INDUS NX AGE RAD TAX PTRATIO	0.4182573
##	2877	3245	7	CRIM INDUS AGE RAD TAX PTRATIO B	0.4168311
##	2751	3246	7	CRIM ZN AGE RAD TAX PTRATIO B	0.4167331
##	2622	3247	7	CRIM ZN INDUS DIS RAD TAX B	0.4160869
##	2534	3248	7	CRIM ZN INDUS NX AGE DIS B	0.4142882
##	3037	3249	7	ZN INDUS NX RAD TAX PTRATIO B	0.4138329
##	2606	3250	7	CRIM ZN INDUS AGE DIS TAX B	0.4135216
##	3143	3251	7	ZN NX AGE RAD TAX PTRATIO B	0.4133844

##	2559	3252	7	CRIM ZN INDUS NX RAD PTRATIO B	0.4127219
##	3227	3253	7	INDUS NX AGE RAD TAX PTRATIO B	0.4127099
##	2810	3254	7	CRIM INDUS NX AGE RAD PTRATIO B	0.4127019
##	2532	3255	7	CRIM ZN INDUS NX AGE DIS TAX	0.4108498
##	3078	3256	7	ZN INDUS AGE DIS RAD TAX B	0.4074453
##	2551	3257	7	CRIM ZN INDUS NX DIS TAX B	0.4069529
##	2603	3258	7	CRIM ZN INDUS AGE DIS RAD B	0.4062832
##	2671	3259	7	CRIM ZN NX AGE DIS RAD TAX	0.4061800
##	2684	3260	7	CRIM ZN NX AGE RAD PTRATIO B	0.4052854
##	2531	3261	7	CRIM ZN INDUS NX AGE DIS RAD	0.4049438
##	2692	3262	7	CRIM ZN NX DIS RAD TAX B	0.4046644
##	2611	3263	7	CRIM ZN INDUS AGE RAD TAX PTRATIO	0.4040792
##	2548	3264	7	CRIM ZN INDUS NX DIS RAD B	0.4040657
##	2742	3265	7	CRIM ZN AGE DIS RAD TAX B	0.4030384
##	3087	3266	7	ZN INDUS AGE RAD TAX PTRATIO B	0.4023451
##	3012	3267	7	ZN INDUS NX AGE DIS TAX B	0.4012631
##	2747	3268	7	CRIM ZN AGE DIS TAX PTRATIO B	0.4012486
##	3028	3269	7	ZN INDUS NX DIS RAD TAX B	0.3990616
##	2537	3270	7	CRIM ZN INDUS NX AGE RAD PTRATIO	0.3973453
##	2614	3271	7	CRIM ZN INDUS AGE RAD PTRATIO B	0.3958446
##	3007	3272	7	ZN INDUS NX AGE DIS RAD TAX	0.3923251
##	3020	3273	7	ZN INDUS NX AGE RAD PTRATIO B	0.3917197
##	2562	3274	7	CRIM ZN INDUS NX TAX PTRATIO B	0.3916516
##	2543	3275	7	CRIM ZN INDUS NX AGE PTRATIO B	0.3913651
##	2813	3276	7	CRIM INDUS NX AGE TAX PTRATIO B	0.3908864
##	3017	3277	7	ZN INDUS NX AGE RAD TAX PTRATIO	0.3893676
##	3134	3278	7	ZN NX AGE DIS RAD TAX B	0.3892247
##	2744	3279	7	CRIM ZN AGE DIS RAD PTRATIO B	0.3882446
##	3009	3280	7	ZN INDUS NX AGE DIS RAD B	0.3861564
##	2617	3281	7	CRIM ZN INDUS AGE TAX PTRATIO B	0.3845696
##	2687	3282	7	CRIM ZN NX AGE TAX PTRATIO B	0.3840298
##	3023	3283	7	ZN INDUS NX AGE TAX PTRATIO B	0.3836841
##	2540	3284	7	CRIM ZN INDUS NX AGE TAX PTRATIO	0.3806941
##	2676	3285	7	CRIM ZN NX AGE DIS TAX B	0.3795839
##	2868	3286	7	CRIM INDUS AGE DIS RAD TAX B	0.3737208
##	2797	3287	7	CRIM INDUS NX AGE DIS RAD TAX	0.3703290
##	2802	3288	7	CRIM INDUS NX AGE DIS TAX B	0.3672220
##	2799	3289	7	CRIM INDUS NX AGE DIS RAD B	0.3665587
##	2818	3290	7	CRIM INDUS NX DIS RAD TAX B	0.3604263
##	2612	3291	7	CRIM ZN INDUS AGE RAD TAX B	0.3600763
##	2557	3292	7	CRIM ZN INDUS NX RAD TAX B	0.3600493
##	3218	3293	7	INDUS NX AGE DIS RAD TAX B	0.3561897
##	2673	3294	7	CRIM ZN NX AGE DIS RAD B	0.3555586
##	2682	3295	7	CRIM ZN NX AGE RAD TAX B	0.3514691
##	2536	3296	7	CRIM ZN INDUS NX AGE RAD TAX	0.3477850
##	2924	3297	7	CRIM NX AGE DIS RAD TAX B	0.3405171
##	3018	3298	7	ZN INDUS NX AGE RAD TAX B	0.3390715
##	2541	3299	7	CRIM ZN INDUS NX AGE TAX B	0.3359592
##	2808	3300	7	CRIM INDUS NX AGE RAD TAX B	0.3309703
##	2538	3301	7	CRIM ZN INDUS NX AGE RAD B	0.3304357
##	3794	3302	8	NX RM DIS RAD TAX PTRATIO B LSTAT	0.7178176
##	3614	3303	8	CRIM NX RM DIS RAD PTRATIO B LSTAT	0.7175961
##	3750	3304	8	ZN RM DIS RAD TAX PTRATIO B LSTAT	0.7158142
##	3457	3305	8	CRIM ZN NX RM DIS PTRATIO B LSTAT	0.7140810

##	3612	3306	8	CRIM NX RM DIS RAD TAX PTRATIO	LSTAT	0.7137116
##	3734	3307	8	ZN NX RM DIS RAD PTRATIO B	LSTAT	0.7136167
##	3630	3308	8	CRIM RM DIS RAD TAX PTRATIO B	LSTAT	0.7132635
##	3735	3309	8	ZN NX RM DIS TAX PTRATIO B	LSTAT	0.7117400
##	3791	3310	8	NX RM AGE DIS RAD PTRATIO B	LSTAT	0.7115255
##	3725	3311	8	ZN NX RM AGE DIS PTRATIO B	LSTAT	0.7114646
##	3661	3312	8	ZN INDUS NX RM DIS PTRATIO B	LSTAT	0.7113350
##	3770	3313	8	INDUS NX RM DIS RAD PTRATIO B	LSTAT	0.7113251
##	3796	3314	8	RM AGE DIS RAD TAX PTRATIO B	LSTAT	0.7105684
##	3605	3315	8	CRIM NX RM AGE DIS PTRATIO B	LSTAT	0.7100127
##	3615	3316	8	CRIM NX RM DIS TAX PTRATIO B	LSTAT	0.7097645
##	3541	3317	8	CRIM INDUS NX RM DIS PTRATIO B	LSTAT	0.7095410
##	3452	3318	8	CRIM ZN NX RM DIS RAD PTRATIO	LSTAT	0.7095110
##	3500	3319	8	CRIM ZN RM DIS RAD TAX PTRATIO	LSTAT	0.7092200
##	3786	3320	8	INDUS RM DIS RAD TAX PTRATIO B	LSTAT	0.7086593
##	3792	3321	8	NX RM AGE DIS TAX PTRATIO B	LSTAT	0.7081454
##	3761	3322	8	INDUS NX RM AGE DIS PTRATIO B	LSTAT	0.7081361
##	3501	3323	8	CRIM ZN RM DIS RAD TAX B	LSTAT	0.7080052
##	3503	3324	8	CRIM ZN RM DIS TAX PTRATIO B	LSTAT	0.7078396
##	3732	3325	8	ZN NX RM DIS RAD TAX PTRATIO	LSTAT	0.7077573
##	3771	3326	8	INDUS NX RM DIS TAX PTRATIO B	LSTAT	0.7077405
##	3502	3327	8	CRIM ZN RM DIS RAD PTRATIO B	LSTAT	0.7077314
##	3401	3328	8	CRIM ZN INDUS RM DIS PTRATIO B	LSTAT	0.7077089
##	3493	3329	8	CRIM ZN RM AGE DIS PTRATIO B	LSTAT	0.7075863
##	3748	3330	8	ZN RM AGE DIS TAX PTRATIO B	LSTAT	0.7071726
##	3536	3331	8	CRIM INDUS NX RM DIS RAD PTRATIO	LSTAT	0.7067047
##	3600	3332	8	CRIM NX RM AGE DIS RAD PTRATIO	LSTAT	0.7066417
##	3707	3333	8	ZN INDUS RM DIS TAX PTRATIO B	LSTAT	0.7064338
##	3455	3334	8	CRIM ZN NX RM DIS TAX PTRATIO	LSTAT	0.7055422
##	3325	3335	8	CRIM ZN INDUS NX RM DIS PTRATIO	LSTAT	0.7054544
##	3436	3336	8	CRIM ZN NX RM AGE DIS PTRATIO	LSTAT	0.7053450
##	3697	3337	8	ZN INDUS RM AGE DIS PTRATIO B	LSTAT	0.7053012
##	3627	3338	8	CRIM RM AGE DIS RAD PTRATIO B	LSTAT	0.7052846
##	3586	3339	8	CRIM INDUS RM DIS RAD PTRATIO B	LSTAT	0.7048957
##	3706	3340	8	ZN INDUS RM DIS RAD PTRATIO B	LSTAT	0.7043804
##	3747	3341	8	ZN RM AGE DIS RAD PTRATIO B	LSTAT	0.7041963
##	3577	3342	8	CRIM INDUS RM AGE DIS PTRATIO B	LSTAT	0.7038651
##	3768	3343	8	INDUS NX RM DIS RAD TAX PTRATIO	LSTAT	0.7037800
##	3628	3344	8	CRIM RM AGE DIS TAX PTRATIO B	LSTAT	0.7032930
##	3789	3345	8	NX RM AGE DIS RAD TAX PTRATIO	LSTAT	0.7032562
##	3733	3346	8	ZN NX RM DIS RAD TAX B	LSTAT	0.7030446
##	3746	3347	8	ZN RM AGE DIS RAD TAX B	LSTAT	0.7026474
##	3784	3348	8	INDUS RM AGE DIS TAX PTRATIO B	LSTAT	0.7022411
##	3783	3349	8	INDUS RM AGE DIS RAD PTRATIO B	LSTAT	0.7021339
##	3705	3350	8	ZN INDUS RM DIS RAD TAX B	LSTAT	0.7021002
##	3625	3351	8	CRIM RM AGE DIS RAD TAX PTRATIO	LSTAT	0.7020643
##	3587	3352	8	CRIM INDUS RM DIS TAX PTRATIO B	LSTAT	0.7019732
##	3520	3353	8	CRIM INDUS NX RM AGE DIS PTRATIO	LSTAT	0.7012601
##	3603	3354	8	CRIM NX RM AGE DIS TAX PTRATIO	LSTAT	0.7011943
##	3539	3355	8	CRIM INDUS NX RM DIS TAX PTRATIO	LSTAT	0.7010435
##	3584	3356	8	CRIM INDUS RM DIS RAD TAX PTRATIO	LSTAT	0.7003506
##	3450	3357	8	CRIM ZN NX RM DIS RAD TAX	LSTAT	0.7003285
##	3723	3358	8	ZN NX RM AGE DIS TAX PTRATIO	LSTAT	0.7003217
##	3659	3359	8	ZN INDUS NX RM DIS TAX PTRATIO	LSTAT	0.7002802

##	3745	3360	8	ZN RM AGE DIS RAD TAX PTRATIO	LSTAT	0.7000445
##	3456	3361	8	CRIM ZN NX RM DIS TAX B	LSTAT	0.6995945
##	3704	3362	8	ZN INDUS RM DIS RAD TAX PTRATIO	LSTAT	0.6993438
##	3400	3363	8	CRIM ZN INDUS RM DIS TAX B	LSTAT	0.6992680
##	3492	3364	8	CRIM ZN RM AGE DIS TAX B	LSTAT	0.6990096
##	3491	3365	8	CRIM ZN RM AGE DIS TAX PTRATIO	LSTAT	0.6984524
##	3399	3366	8	CRIM ZN INDUS RM DIS TAX PTRATIO	LSTAT	0.6984371
##	3656	3367	8	ZN INDUS NX RM DIS RAD PTRATIO	LSTAT	0.6984074
##	3720	3368	8	ZN NX RM AGE DIS RAD PTRATIO	LSTAT	0.6982930
##	3640	3369	8	ZN INDUS NX RM AGE DIS PTRATIO	LSTAT	0.6981913
##	3486	3370	8	CRIM ZN RM AGE DIS RAD TAX	LSTAT	0.6981756
##	3394	3371	8	CRIM ZN INDUS RM DIS RAD TAX	LSTAT	0.6979720
##	3326	3372	8	CRIM ZN INDUS NX RM DIS B	LSTAT	0.6977544
##	3380	3373	8	CRIM ZN INDUS RM AGE DIS PTRATIO	LSTAT	0.6973442
##	3588	3374	8	CRIM INDUS RM RAD TAX PTRATIO B	LSTAT	0.6973355
##	3660	3375	8	ZN INDUS NX RM DIS TAX B	LSTAT	0.6972405
##	3724	3376	8	ZN NX RM AGE DIS TAX B	LSTAT	0.6972346
##	3696	3377	8	ZN INDUS RM AGE DIS TAX B	LSTAT	0.6971264
##	3396	3378	8	CRIM ZN INDUS RM DIS RAD PTRATIO	LSTAT	0.6970096
##	3381	3379	8	CRIM ZN INDUS RM AGE DIS B	LSTAT	0.6966623
##	3759	3380	8	INDUS NX RM AGE DIS TAX PTRATIO	LSTAT	0.6963539
##	3756	3381	8	INDUS NX RM AGE DIS RAD PTRATIO	LSTAT	0.6961749
##	3397	3382	8	CRIM ZN INDUS RM DIS RAD B	LSTAT	0.6959055
##	3437	3383	8	CRIM ZN NX RM AGE DIS B	LSTAT	0.6958941
##	3453	3384	8	CRIM ZN NX RM DIS RAD B	LSTAT	0.6956704
##	3488	3385	8	CRIM ZN RM AGE DIS RAD PTRATIO	LSTAT	0.6950916
##	3629	3386	8	CRIM RM AGE RAD TAX PTRATIO B	LSTAT	0.6949405
##	3785	3387	8	INDUS RM AGE RAD TAX PTRATIO B	LSTAT	0.6946075
##	3772	3388	8	INDUS NX RM RAD TAX PTRATIO B	LSTAT	0.6945431
##	3695	3389	8	ZN INDUS RM AGE DIS TAX PTRATIO	LSTAT	0.6941359
##	3708	3390	8	ZN INDUS RM RAD TAX PTRATIO B	LSTAT	0.6939394
##	3572	3391	8	CRIM INDUS RM AGE DIS RAD PTRATIO	LSTAT	0.6934118
##	3781	3392	8	INDUS RM AGE DIS RAD TAX PTRATIO	LSTAT	0.6934082
##	3489	3393	8	CRIM ZN RM AGE DIS RAD B	LSTAT	0.6930654
##	3575	3394	8	CRIM INDUS RM AGE DIS TAX PTRATIO	LSTAT	0.6930073
##	3323	3395	8	CRIM ZN INDUS NX RM DIS TAX	LSTAT	0.6923508
##	3616	3396	8	CRIM NX RM RAD TAX PTRATIO B	LSTAT	0.6918812
##	3504	3397	8	CRIM ZN RM RAD TAX PTRATIO B	LSTAT	0.6918615
##	3434	3398	8	CRIM ZN NX RM AGE DIS TAX	LSTAT	0.6917547
##	3657	3399	8	ZN INDUS NX RM DIS RAD B	LSTAT	0.6916185
##	3793	3400	8	NX RM AGE RAD TAX PTRATIO B	LSTAT	0.6913007
##	3641	3401	8	ZN INDUS NX RM AGE DIS B	LSTAT	0.6912166
##	3378	3402	8	CRIM ZN INDUS RM AGE DIS TAX	LSTAT	0.6911086
##	3749	3403	8	ZN RM AGE RAD TAX PTRATIO B	LSTAT	0.6910984
##	3693	3404	8	ZN INDUS RM AGE DIS RAD B	LSTAT	0.6908191
##	3721	3405	8	ZN NX RM AGE DIS RAD B	LSTAT	0.6899869
##	3718	3406	8	ZN NX RM AGE DIS RAD TAX	LSTAT	0.6899221
##	3654	3407	8	ZN INDUS NX RM DIS RAD TAX	LSTAT	0.6898429
##	3609	3408	8	CRIM NX RM AGE RAD PTRATIO B	LSTAT	0.6893174
##	3626	3409	8	CRIM RM AGE DIS RAD TAX B	LSTAT	0.6889249
##	3306	3410	8	CRIM ZN INDUS NX RM AGE DIS	LSTAT	0.6887129
##	3613	3411	8	CRIM NX RM DIS RAD TAX B	LSTAT	0.6886397
##	3320	3412	8	CRIM ZN INDUS NX RM DIS RAD	LSTAT	0.6885990
##	3690	3413	8	ZN INDUS RM AGE DIS RAD TAX	LSTAT	0.6884451

##	3692	3414	8	ZN INDUS RM AGE DIS RAD PTRATIO	LSTAT	0.6881762
##	3736	3415	8	ZN NX RM RAD TAX PTRATIO B	LSTAT	0.6880192
##	3581	3416	8	CRIM INDUS RM AGE RAD PTRATIO B	LSTAT	0.6878855
##	3545	3417	8	CRIM INDUS NX RM RAD PTRATIO B	LSTAT	0.6877027
##	3497	3418	8	CRIM ZN RM AGE RAD PTRATIO B	LSTAT	0.6875882
##	3585	3419	8	CRIM INDUS RM DIS RAD TAX B	LSTAT	0.6875572
##	3765	3420	8	INDUS NX RM AGE RAD PTRATIO B	LSTAT	0.6869052
##	3405	3421	8	CRIM ZN INDUS RM RAD PTRATIO B	LSTAT	0.6867060
##	3638	3422	8	ZN INDUS NX RM AGE DIS TAX	LSTAT	0.6863422
##	3461	3423	8	CRIM ZN NX RM RAD PTRATIO B	LSTAT	0.6859969
##	3375	3424	8	CRIM ZN INDUS RM AGE DIS RAD	LSTAT	0.6859122
##	3431	3425	8	CRIM ZN NX RM AGE DIS RAD	LSTAT	0.6858889
##	3543	3426	8	CRIM INDUS NX RM RAD TAX PTRATIO	LSTAT	0.6854453
##	3790	3427	8	NX RM AGE DIS RAD TAX B	LSTAT	0.6853457
##	3729	3428	8	ZN NX RM AGE RAD PTRATIO B	LSTAT	0.6852289
##	3782	3429	8	INDUS RM AGE DIS RAD TAX B	LSTAT	0.6851004
##	3579	3430	8	CRIM INDUS RM AGE RAD TAX PTRATIO	LSTAT	0.6850119
##	3576	3431	8	CRIM INDUS RM AGE DIS TAX B	LSTAT	0.6846415
##	3531	3432	8	CRIM INDUS NX RM AGE PTRATIO B	LSTAT	0.6845282
##	3665	3433	8	ZN INDUS NX RM RAD PTRATIO B	LSTAT	0.6843934
##	3769	3434	8	INDUS NX RM DIS RAD TAX B	LSTAT	0.6843083
##	3701	3435	8	ZN INDUS RM AGE RAD PTRATIO B	LSTAT	0.6843012
##	3403	3436	8	CRIM ZN INDUS RM RAD TAX PTRATIO	LSTAT	0.6842093
##	3607	3437	8	CRIM NX RM AGE RAD TAX PTRATIO	LSTAT	0.6842003
##	3604	3438	8	CRIM NX RM AGE DIS TAX B	LSTAT	0.6839255
##	3540	3439	8	CRIM INDUS NX RM DIS TAX B	LSTAT	0.6838216
##	3391	3440	8	CRIM ZN INDUS RM AGE PTRATIO B	LSTAT	0.6838201
##	3521	3441	8	CRIM INDUS NX RM AGE DIS B	LSTAT	0.6837938
##	3766	3442	8	INDUS NX RM AGE TAX PTRATIO B	LSTAT	0.6837650
##	3582	3443	8	CRIM INDUS RM AGE TAX PTRATIO B	LSTAT	0.6837508
##	3651	3444	8	ZN INDUS NX RM AGE PTRATIO B	LSTAT	0.6836348
##	3495	3445	8	CRIM ZN RM AGE RAD TAX PTRATIO	LSTAT	0.6832461
##	3702	3446	8	ZN INDUS RM AGE TAX PTRATIO B	LSTAT	0.6832179
##	3610	3447	8	CRIM NX RM AGE TAX PTRATIO B	LSTAT	0.6828063
##	3573	3448	8	CRIM INDUS RM AGE DIS RAD B	LSTAT	0.6828014
##	3537	3449	8	CRIM INDUS NX RM DIS RAD B	LSTAT	0.6827936
##	3447	3450	8	CRIM ZN NX RM AGE PTRATIO B	LSTAT	0.6827485
##	3498	3451	8	CRIM ZN RM AGE TAX PTRATIO B	LSTAT	0.6826888
##	3760	3452	8	INDUS NX RM AGE DIS TAX B	LSTAT	0.6825905
##	3546	3453	8	CRIM INDUS NX RM TAX PTRATIO B	LSTAT	0.6822460
##	3336	3454	8	CRIM ZN INDUS NX RM PTRATIO B	LSTAT	0.6822317
##	3406	3455	8	CRIM ZN INDUS RM TAX PTRATIO B	LSTAT	0.6822153
##	3730	3456	8	ZN NX RM AGE TAX PTRATIO B	LSTAT	0.6817879
##	3666	3457	8	ZN INDUS NX RM TAX PTRATIO B	LSTAT	0.6815927
##	3763	3458	8	INDUS NX RM AGE RAD TAX PTRATIO	LSTAT	0.6813078
##	3601	3459	8	CRIM NX RM AGE DIS RAD B	LSTAT	0.6811774
##	3598	3460	8	CRIM NX RM AGE DIS RAD TAX	LSTAT	0.6803520
##	3462	3461	8	CRIM ZN NX RM TAX PTRATIO B	LSTAT	0.6800098
##	3534	3462	8	CRIM INDUS NX RM DIS RAD TAX	LSTAT	0.6799865
##	3459	3463	8	CRIM ZN NX RM RAD TAX PTRATIO	LSTAT	0.6796107
##	3570	3464	8	CRIM INDUS RM AGE DIS RAD TAX	LSTAT	0.6792709
##	3757	3465	8	INDUS NX RM AGE DIS RAD B	LSTAT	0.6790756
##	3699	3466	8	ZN INDUS RM AGE RAD TAX PTRATIO	LSTAT	0.6787742
##	3526	3467	8	CRIM INDUS NX RM AGE RAD PTRATIO	LSTAT	0.6787074

##	3635	3468	8	ZN	INDUS	NX	RM	AGE	DIS	RAD	LSTAT	0.6782621
##	3663	3469	8	ZN	INDUS	NX	RM	RAD	TAX	PTRATIO	LSTAT	0.6780787
##	3442	3470	8	CRIM	ZN	NX	RM	AGE	RAD	PTRATIO	LSTAT	0.6774993
##	3518	3471	8	CRIM	INDUS	NX	RM	AGE	DIS	TAX	LSTAT	0.6766773
##	3727	3472	8	ZN	NX	RM	AGE	RAD	TAX	PTRATIO	LSTAT	0.6764696
##	3331	3473	8	CRIM	ZN	INDUS	NX	RM	RAD	PTRATIO	LSTAT	0.6748535
##	3529	3474	8	CRIM	INDUS	NX	RM	AGE	TAX	PTRATIO	LSTAT	0.6746419
##	3315	3475	8	CRIM	ZN	INDUS	NX	RM	AGE	PTRATIO	LSTAT	0.6745103
##	3386	3476	8	CRIM	ZN	INDUS	RM	AGE	RAD	PTRATIO	LSTAT	0.6743709
##	3515	3477	8	CRIM	INDUS	NX	RM	AGE	DIS	RAD	LSTAT	0.674343
##	3389	3478	8	CRIM	ZN	INDUS	RM	AGE	TAX	PTRATIO	LSTAT	0.6734528
##	3496	3479	8	CRIM	ZN	RM	AGE	RAD	TAX	B	LSTAT	0.6733099
##	3445	3480	8	CRIM	ZN	NX	RM	AGE	TAX	PTRATIO	LSTAT	0.6731175
##	3479	3481	8	CRIM	ZN	NX	DIS	RAD	TAX	PTRATIO	LSTAT	0.6726566
##	3754	3482	8	INDUS	NX	RM	AGE	DIS	RAD	TAX	LSTAT	0.6726131
##	3700	3483	8	ZN	INDUS	RM	AGE	RAD	TAX	B	LSTAT	0.6725456
##	3460	3484	8	CRIM	ZN	NX	RM	RAD	TAX	B	LSTAT	0.6721642
##	3404	3485	8	CRIM	ZN	INDUS	RM	RAD	TAX	B	LSTAT	0.6720415
##	3649	3486	8	ZN	INDUS	NX	RM	AGE	TAX	PTRATIO	LSTAT	0.6719628
##	3743	3487	8	ZN	NX	DIS	RAD	TAX	PTRATIO	B	LSTAT	0.6719579
##	3334	3488	8	CRIM	ZN	INDUS	NX	RM	TAX	PTRATIO	LSTAT	0.6715695
##	3728	3489	8	ZN	NX	RM	AGE	RAD	TAX	B	LSTAT	0.6713073
##	3664	3490	8	ZN	INDUS	NX	RM	RAD	TAX	B	LSTAT	0.6712715
##	3646	3491	8	ZN	INDUS	NX	RM	AGE	RAD	PTRATIO	LSTAT	0.6710515
##	3623	3492	8	CRIM	NX	DIS	RAD	TAX	PTRATIO	B	LSTAT	0.6693544
##	3580	3493	8	CRIM	INDUS	RM	AGE	RAD	TAX	B	LSTAT	0.6693035
##	3544	3494	8	CRIM	INDUS	NX	RM	RAD	TAX	B	LSTAT	0.6690163
##	3608	3495	8	CRIM	NX	RM	AGE	RAD	TAX	B	LSTAT	0.6689663
##	3511	3496	8	CRIM	ZN	DIS	RAD	TAX	PTRATIO	B	LSTAT	0.6676918
##	3446	3497	8	CRIM	ZN	NX	RM	AGE	TAX	B	LSTAT	0.6673566
##	3390	3498	8	CRIM	ZN	INDUS	RM	AGE	TAX	B	LSTAT	0.6668116
##	3650	3499	8	ZN	INDUS	NX	RM	AGE	TAX	B	LSTAT	0.6667644
##	3764	3500	8	INDUS	NX	RM	AGE	RAD	TAX	B	LSTAT	0.6665607
##	3384	3501	8	CRIM	ZN	INDUS	RM	AGE	RAD	TAX	LSTAT	0.6661935
##	3335	3502	8	CRIM	ZN	INDUS	NX	RM	TAX	B	LSTAT	0.6658295
##	3443	3503	8	CRIM	ZN	NX	RM	AGE	RAD	B	LSTAT	0.6647411
##	3440	3504	8	CRIM	ZN	NX	RM	AGE	RAD	TAX	LSTAT	0.6646898
##	3316	3505	8	CRIM	ZN	INDUS	NX	RM	AGE	B	LSTAT	0.6646362
##	3481	3506	8	CRIM	ZN	NX	DIS	RAD	PTRATIO	B	LSTAT	0.6644905
##	3387	3507	8	CRIM	ZN	INDUS	RM	AGE	RAD	B	LSTAT	0.6644212
##	3530	3508	8	CRIM	INDUS	NX	RM	AGE	TAX	B	LSTAT	0.6631576
##	3329	3509	8	CRIM	ZN	INDUS	NX	RM	RAD	TAX	LSTAT	0.6631429
##	3											

##	3524	3522	8	CRIM INDUS NX RM AGE RAD TAX LSTAT	0.6591912
##	3565	3523	8	CRIM INDUS NX DIS RAD PTRATIO B LSTAT	0.6590357
##	3620	3524	8	CRIM NX AGE DIS RAD PTRATIO B LSTAT	0.6589996
##	3313	3525	8	CRIM ZN INDUS NX RM AGE TAX LSTAT	0.6585917
##	3423	3526	8	CRIM ZN INDUS DIS RAD TAX PTRATIO LSTAT	0.6583974
##	3467	3527	8	CRIM ZN NX AGE DIS RAD PTRATIO LSTAT	0.6579371
##	3740	3528	8	ZN NX AGE DIS RAD PTRATIO B LSTAT	0.6579333
##	3361	3529	8	CRIM ZN INDUS NX DIS RAD PTRATIO LSTAT	0.6577564
##	3506	3530	8	CRIM ZN AGE DIS RAD TAX PTRATIO LSTAT	0.6575272
##	3685	3531	8	ZN INDUS NX DIS RAD PTRATIO B LSTAT	0.6574246
##	3310	3532	8	CRIM ZN INDUS NX RM AGE RAD LSTAT	0.6538479
##	3366	3533	8	CRIM ZN INDUS NX DIS PTRATIO B LSTAT	0.6536711
##	3472	3534	8	CRIM ZN NX AGE DIS PTRATIO B LSTAT	0.6536392
##	3676	3535	8	ZN INDUS NX AGE DIS PTRATIO B LSTAT	0.6527082
##	3776	3536	8	INDUS NX AGE DIS RAD PTRATIO B LSTAT	0.6525289
##	3482	3537	8	CRIM ZN NX DIS TAX PTRATIO B LSTAT	0.6522462
##	3551	3538	8	CRIM INDUS NX AGE DIS RAD PTRATIO LSTAT	0.6520659
##	3741	3539	8	ZN NX AGE DIS TAX PTRATIO B LSTAT	0.6517782
##	3595	3540	8	CRIM INDUS DIS RAD TAX PTRATIO B LSTAT	0.6515519
##	3686	3541	8	ZN INDUS NX DIS TAX PTRATIO B LSTAT	0.6514343
##	3774	3542	8	INDUS NX AGE DIS RAD TAX PTRATIO LSTAT	0.6510391
##	3425	3543	8	CRIM ZN INDUS DIS RAD PTRATIO B LSTAT	0.6504648
##	3631	3544	8	CRIM AGE DIS RAD TAX PTRATIO B LSTAT	0.6503491
##	3345	3545	8	CRIM ZN INDUS NX AGE DIS PTRATIO LSTAT	0.6497015
##	3480	3546	8	CRIM ZN NX DIS RAD TAX B LSTAT	0.6484373
##	3470	3547	8	CRIM ZN NX AGE DIS TAX PTRATIO LSTAT	0.6481829
##	3364	3548	8	CRIM ZN INDUS NX DIS TAX PTRATIO LSTAT	0.6481182
##	3424	3549	8	CRIM ZN INDUS DIS RAD TAX B LSTAT	0.6475756
##	3710	3550	8	ZN INDUS AGE DIS RAD TAX PTRATIO LSTAT	0.6475059
##	3671	3551	8	ZN INDUS NX AGE DIS RAD PTRATIO LSTAT	0.6469434
##	3787	3552	8	INDUS AGE DIS RAD TAX PTRATIO B LSTAT	0.6461739
##	3507	3553	8	CRIM ZN AGE DIS RAD TAX B LSTAT	0.6461026
##	3426	3554	8	CRIM ZN INDUS DIS TAX PTRATIO B LSTAT	0.6457540
##	3416	3555	8	CRIM ZN INDUS AGE DIS PTRATIO B LSTAT	0.6453582
##	3674	3556	8	ZN INDUS NX AGE DIS TAX PTRATIO LSTAT	0.6451818
##	3713	3557	8	ZN INDUS AGE DIS TAX PTRATIO B LSTAT	0.6440307
##	3566	3558	8	CRIM INDUS NX DIS TAX PTRATIO B LSTAT	0.6438124
##	3712	3559	8	ZN INDUS AGE DIS RAD PTRATIO B LSTAT	0.6437809
##	3465	3560	8	CRIM ZN NX AGE DIS RAD TAX LSTAT	0.6432894
##	3556	3561	8	CRIM INDUS NX AGE DIS PTRATIO B LSTAT	0.6432259
##	3359	3562	8	CRIM ZN INDUS NX DIS RAD TAX LSTAT	0.6430670
##	3621	3563	8	CRIM NX AGE DIS TAX PTRATIO B LSTAT	0.6430446
##	3777	3564	8	INDUS NX AGE DIS TAX PTRATIO B LSTAT	0.6428341
##	3508	3565	8	CRIM ZN AGE DIS RAD PTRATIO B LSTAT	0.6426430
##	3509	3566	8	CRIM ZN AGE DIS TAX PTRATIO B LSTAT	0.6417851
##	3739	3567	8	ZN NX AGE DIS RAD TAX B LSTAT	0.6416940
##	3684	3568	8	ZN INDUS NX DIS RAD TAX B LSTAT	0.6413070
##	3590	3569	8	CRIM INDUS AGE DIS RAD TAX PTRATIO LSTAT	0.6411006
##	3409	3570	8	CRIM ZN INDUS AGE DIS RAD TAX LSTAT	0.6407247
##	3711	3571	8	ZN INDUS AGE DIS RAD TAX B LSTAT	0.6405504
##	3411	3572	8	CRIM ZN INDUS AGE DIS RAD PTRATIO LSTAT	0.6402297
##	3592	3573	8	CRIM INDUS AGE DIS RAD PTRATIO B LSTAT	0.6392640
##	3554	3574	8	CRIM INDUS NX AGE DIS TAX PTRATIO LSTAT	0.6390484
##	3414	3575	8	CRIM ZN INDUS AGE DIS TAX PTRATIO LSTAT	0.6389264

##	3599	3576	8	CRIM NX RM AGE DIS RAD PTRATIO B	0.6377094
##	3622	3577	8	CRIM NX AGE RAD TAX PTRATIO B LSTAT	0.6375134
##	3510	3578	8	CRIM ZN AGE RAD TAX PTRATIO B LSTAT	0.6366010
##	3778	3579	8	INDUS NX AGE RAD TAX PTRATIO B LSTAT	0.6358968
##	3788	3580	8	NX RM AGE DIS RAD TAX PTRATIO B	0.6342211
##	3742	3581	8	ZN NX AGE RAD TAX PTRATIO B LSTAT	0.6341279
##	3611	3582	8	CRIM NX RM DIS RAD TAX PTRATIO B	0.6337468
##	3624	3583	8	CRIM RM AGE DIS RAD TAX PTRATIO B	0.6336993
##	3714	3584	8	ZN INDUS AGE RAD TAX PTRATIO B LSTAT	0.6335756
##	3519	3585	8	CRIM INDUS NX RM AGE DIS PTRATIO B	0.6335601
##	3435	3586	8	CRIM ZN NX RM AGE DIS PTRATIO B	0.6332454
##	3594	3587	8	CRIM INDUS AGE RAD TAX PTRATIO B LSTAT	0.6331113
##	3365	3588	8	CRIM ZN INDUS NX DIS TAX B LSTAT	0.6327498
##	3669	3589	8	ZN INDUS NX AGE DIS RAD TAX LSTAT	0.6326522
##	3415	3590	8	CRIM ZN INDUS AGE DIS TAX B LSTAT	0.6319623
##	3558	3591	8	CRIM INDUS NX AGE RAD TAX PTRATIO LSTAT	0.6319247
##	3593	3592	8	CRIM INDUS AGE DIS TAX PTRATIO B LSTAT	0.6316083
##	3596	3593	8	CRIM NX RM AGE DIS RAD TAX PTRATIO	0.6314598
##	3362	3594	8	CRIM ZN INDUS NX DIS RAD B LSTAT	0.6314200
##	3346	3595	8	CRIM ZN INDUS NX AGE DIS B LSTAT	0.6313413
##	3602	3596	8	CRIM NX RM AGE DIS TAX PTRATIO B	0.6312193
##	3474	3597	8	CRIM ZN NX AGE RAD TAX PTRATIO LSTAT	0.6309192
##	3675	3598	8	ZN INDUS NX AGE DIS TAX B LSTAT	0.6307846
##	3471	3599	8	CRIM ZN NX AGE DIS TAX B LSTAT	0.6296014
##	3343	3600	8	CRIM ZN INDUS NX AGE DIS TAX LSTAT	0.6291994
##	3412	3601	8	CRIM ZN INDUS AGE DIS RAD B LSTAT	0.6288306
##	3379	3602	8	CRIM ZN INDUS RM AGE DIS PTRATIO B	0.6280748
##	3418	3603	8	CRIM ZN INDUS AGE RAD TAX PTRATIO LSTAT	0.6280000
##	3567	3604	8	CRIM INDUS NX RAD TAX PTRATIO B LSTAT	0.6278952
##	3427	3605	8	CRIM ZN INDUS RAD TAX PTRATIO B LSTAT	0.6276456
##	3476	3606	8	CRIM ZN NX AGE RAD PTRATIO B LSTAT	0.6272058
##	3571	3607	8	CRIM INDUS RM AGE DIS RAD PTRATIO B	0.6271071
##	3560	3608	8	CRIM INDUS NX AGE RAD PTRATIO B LSTAT	0.6269561
##	3535	3609	8	CRIM INDUS NX RM DIS RAD PTRATIO B	0.6268425
##	3744	3610	8	ZN RM AGE DIS RAD TAX PTRATIO B	0.6266824
##	3639	3611	8	ZN INDUS NX RM AGE DIS PTRATIO B	0.6266157
##	3722	3612	8	ZN NX RM AGE DIS TAX PTRATIO B	0.6265005
##	3755	3613	8	INDUS NX RM AGE DIS RAD PTRATIO B	0.6264450
##	3340	3614	8	CRIM ZN INDUS NX AGE DIS RAD LSTAT	0.6264285
##	3758	3615	8	INDUS NX RM AGE DIS TAX PTRATIO B	0.6262113
##	3678	3616	8	ZN INDUS NX AGE RAD TAX PTRATIO LSTAT	0.6259724
##	3451	3617	8	CRIM ZN NX RM DIS RAD PTRATIO B	0.6255150
##	3574	3618	8	CRIM INDUS RM AGE DIS TAX PTRATIO B	0.6254422
##	3719	3619	8	ZN NX RM AGE DIS RAD PTRATIO B	0.6245969
##	3672	3620	8	ZN INDUS NX AGE DIS RAD B LSTAT	0.6245737
##	3780	3621	8	INDUS RM AGE DIS RAD TAX PTRATIO B	0.6245316
##	3687	3622	8	ZN INDUS NX RAD TAX PTRATIO B LSTAT	0.6240770
##	3513	3623	8	CRIM INDUS NX RM AGE DIS RAD PTRATIO	0.6240581
##	3468	3624	8	CRIM ZN NX AGE DIS RAD B LSTAT	0.6240173
##	3490	3625	8	CRIM ZN RM AGE DIS TAX PTRATIO B	0.6239360
##	3483	3626	8	CRIM ZN NX RAD TAX PTRATIO B LSTAT	0.6231551
##	3448	3627	8	CRIM ZN NX RM DIS RAD TAX PTRATIO	0.6230872
##	3680	3628	8	ZN INDUS NX AGE RAD PTRATIO B LSTAT	0.6224662
##	3731	3629	8	ZN NX RM DIS RAD TAX PTRATIO B	0.6222116

##	3324	3630	8	CRIM ZN INDUS NX RM DIS PTRATIO B	0.6221797
##	3304	3631	8	CRIM ZN INDUS NX RM AGE DIS PTRATIO	0.6221492
##	3694	3632	8	ZN INDUS RM AGE DIS TAX PTRATIO B	0.6218014
##	3429	3633	8	CRIM ZN NX RM AGE DIS RAD PTRATIO	0.6214732
##	3420	3634	8	CRIM ZN INDUS AGE RAD PTRATIO B LSTAT	0.6202752
##	3487	3635	8	CRIM ZN RM AGE DIS RAD PTRATIO B	0.6200898
##	3485	3636	8	CRIM ZN RM AGE DIS RAD TAX B	0.6198445
##	3516	3637	8	CRIM INDUS NX RM AGE DIS TAX PTRATIO	0.6198413
##	3432	3638	8	CRIM ZN NX RM AGE DIS TAX PTRATIO	0.6195125
##	3767	3639	8	INDUS NX RM DIS RAD TAX PTRATIO B	0.6190193
##	3454	3640	8	CRIM ZN NX RM DIS TAX PTRATIO B	0.6189664
##	3532	3641	8	CRIM INDUS NX RM DIS RAD TAX PTRATIO	0.6189577
##	3484	3642	8	CRIM ZN RM AGE DIS RAD TAX PTRATIO	0.6189153
##	3538	3643	8	CRIM INDUS NX RM DIS TAX PTRATIO B	0.6185701
##	3351	3644	8	CRIM ZN INDUS NX AGE RAD PTRATIO LSTAT	0.6184283
##	3368	3645	8	CRIM ZN INDUS NX RAD TAX PTRATIO LSTAT	0.6181360
##	3691	3646	8	ZN INDUS RM AGE DIS RAD PTRATIO B	0.6170467
##	3568	3647	8	CRIM INDUS RM AGE DIS RAD TAX PTRATIO	0.6166895
##	3377	3648	8	CRIM ZN INDUS RM AGE DIS TAX B	0.6164072
##	3499	3649	8	CRIM ZN RM DIS RAD TAX PTRATIO B	0.6143920
##	3606	3650	8	CRIM NX RM AGE RAD TAX PTRATIO B	0.6142294
##	3356	3651	8	CRIM ZN INDUS NX AGE PTRATIO B LSTAT	0.6138197
##	3318	3652	8	CRIM ZN INDUS NX RM DIS RAD PTRATIO	0.6138074
##	3305	3653	8	CRIM ZN INDUS NX RM AGE DIS B	0.6137525
##	3477	3654	8	CRIM ZN NX AGE TAX PTRATIO B LSTAT	0.6136632
##	3681	3655	8	ZN INDUS NX AGE TAX PTRATIO B LSTAT	0.6134035
##	3658	3656	8	ZN INDUS NX RM DIS TAX PTRATIO B	0.6132664
##	3376	3657	8	CRIM ZN INDUS RM AGE DIS TAX PTRATIO	0.6130906
##	3542	3658	8	CRIM INDUS NX RM RAD TAX PTRATIO B	0.6129751
##	3655	3659	8	ZN INDUS NX RM DIS RAD PTRATIO B	0.6129629
##	3578	3660	8	CRIM INDUS RM AGE RAD TAX PTRATIO B	0.6124195
##	3561	3661	8	CRIM INDUS NX AGE TAX PTRATIO B LSTAT	0.6122686
##	3458	3662	8	CRIM ZN NX RM RAD TAX PTRATIO B	0.6122462
##	3494	3663	8	CRIM ZN RM AGE RAD TAX PTRATIO B	0.6122356
##	3433	3664	8	CRIM ZN NX RM AGE DIS TAX B	0.6118623
##	3716	3665	8	ZN NX RM AGE DIS RAD TAX PTRATIO	0.6118399
##	3370	3666	8	CRIM ZN INDUS NX RAD PTRATIO B LSTAT	0.6117869
##	3421	3667	8	CRIM ZN INDUS AGE TAX PTRATIO B LSTAT	0.6117632
##	3374	3668	8	CRIM ZN INDUS RM AGE DIS RAD B	0.6116034
##	3689	3669	8	ZN INDUS RM AGE DIS RAD TAX B	0.6101876
##	3583	3670	8	CRIM INDUS RM DIS RAD TAX PTRATIO B	0.6101691
##	3373	3671	8	CRIM ZN INDUS RM AGE DIS RAD PTRATIO	0.6100976
##	3752	3672	8	INDUS NX RM AGE DIS RAD TAX PTRATIO	0.6100071
##	3321	3673	8	CRIM ZN INDUS NX RM DIS TAX PTRATIO	0.6095707
##	3564	3674	8	CRIM INDUS NX DIS RAD TAX B LSTAT	0.6089296
##	3717	3675	8	ZN NX RM AGE DIS RAD TAX B	0.6085197
##	3372	3676	8	CRIM ZN INDUS RM AGE DIS RAD TAX	0.6079432
##	3637	3677	8	ZN INDUS NX RM AGE DIS TAX B	0.6079383
##	3354	3678	8	CRIM ZN INDUS NX AGE TAX PTRATIO LSTAT	0.6077080
##	3636	3679	8	ZN INDUS NX RM AGE DIS TAX PTRATIO	0.6074856
##	3428	3680	8	CRIM ZN NX RM AGE DIS RAD TAX	0.6073378
##	3569	3681	8	CRIM INDUS RM AGE DIS RAD TAX B	0.6072252
##	3398	3682	8	CRIM ZN INDUS RM DIS TAX PTRATIO B	0.6070648
##	3591	3683	8	CRIM INDUS AGE DIS RAD TAX B LSTAT	0.6067619

##	3395	3684	8	CRIM ZN INDUS RM DIS RAD PTRATIO B	0.6063079
##	3402	3685	8	CRIM ZN INDUS RM RAD TAX PTRATIO B	0.6058686
##	3449	3686	8	CRIM ZN NX RM DIS RAD TAX B	0.6056874
##	3441	3687	8	CRIM ZN NX RM AGE RAD PTRATIO B	0.6054044
##	3619	3688	8	CRIM NX AGE DIS RAD TAX B LSTAT	0.6052230
##	3762	3689	8	INDUS NX RM AGE RAD TAX PTRATIO B	0.6051130
##	3703	3690	8	ZN INDUS RM DIS RAD TAX PTRATIO B	0.6048427
##	3419	3691	8	CRIM ZN INDUS AGE RAD TAX B LSTAT	0.6046252
##	3303	3692	8	CRIM ZN INDUS NX RM AGE DIS TAX	0.6045408
##	3525	3693	8	CRIM INDUS NX RM AGE RAD PTRATIO B	0.6045290
##	3475	3694	8	CRIM ZN NX AGE RAD TAX B LSTAT	0.6043940
##	3726	3695	8	ZN NX RM AGE RAD TAX PTRATIO B	0.6040152
##	3517	3696	8	CRIM INDUS NX RM AGE DIS TAX B	0.6040007
##	3597	3697	8	CRIM NX RM AGE DIS RAD TAX B	0.6037878
##	3775	3698	8	INDUS NX AGE DIS RAD TAX B LSTAT	0.6035022
##	3549	3699	8	CRIM INDUS NX AGE DIS RAD TAX LSTAT	0.6033774
##	3393	3700	8	CRIM ZN INDUS RM DIS RAD TAX B	0.6033061
##	3430	3701	8	CRIM ZN NX RM AGE DIS RAD B	0.6031363
##	3330	3702	8	CRIM ZN INDUS NX RM RAD PTRATIO B	0.6029012
##	3698	3703	8	ZN INDUS RM AGE RAD TAX PTRATIO B	0.6027516
##	3633	3704	8	ZN INDUS NX RM AGE DIS RAD PTRATIO	0.6024089
##	3514	3705	8	CRIM INDUS NX RM AGE DIS RAD B	0.6016801
##	3662	3706	8	ZN INDUS NX RM RAD TAX PTRATIO B	0.6015433
##	3385	3707	8	CRIM ZN INDUS RM AGE RAD PTRATIO B	0.6012660
##	3688	3708	8	ZN INDUS RM AGE DIS RAD TAX PTRATIO	0.6010988
##	3322	3709	8	CRIM ZN INDUS NX RM DIS TAX B	0.6010696
##	3679	3710	8	ZN INDUS NX AGE RAD TAX B LSTAT	0.6003858
##	3392	3711	8	CRIM ZN INDUS RM DIS RAD TAX PTRATIO	0.6001408
##	3552	3712	8	CRIM INDUS NX AGE DIS RAD B LSTAT	0.5996965
##	3634	3713	8	ZN INDUS NX RM AGE DIS RAD B	0.5996483
##	3444	3714	8	CRIM ZN NX RM AGE TAX PTRATIO B	0.5995271
##	3314	3715	8	CRIM ZN INDUS NX RM AGE PTRATIO B	0.5995031
##	3528	3716	8	CRIM INDUS NX RM AGE TAX PTRATIO B	0.5992903
##	3555	3717	8	CRIM INDUS NX AGE DIS TAX B LSTAT	0.5991779
##	3302	3718	8	CRIM ZN INDUS NX RM AGE DIS RAD	0.5990719
##	3371	3719	8	CRIM ZN INDUS NX TAX PTRATIO B LSTAT	0.5990384
##	3652	3720	8	ZN INDUS NX RM DIS RAD TAX PTRATIO	0.5988355
##	3388	3721	8	CRIM ZN INDUS RM AGE TAX PTRATIO B	0.5983351
##	3349	3722	8	CRIM ZN INDUS NX AGE RAD TAX LSTAT	0.5977773
##	3319	3723	8	CRIM ZN INDUS NX RM DIS RAD B	0.5977354
##	3522	3724	8	CRIM INDUS NX RM AGE RAD TAX PTRATIO	0.5974763
##	3438	3725	8	CRIM ZN NX RM AGE RAD TAX PTRATIO	0.5967213
##	3753	3726	8	INDUS NX RM AGE DIS RAD TAX B	0.5966845
##	3333	3727	8	CRIM ZN INDUS NX RM TAX PTRATIO B	0.5964296
##	3317	3728	8	CRIM ZN INDUS NX RM DIS RAD TAX	0.5961518
##	3327	3729	8	CRIM ZN INDUS NX RM RAD TAX PTRATIO	0.5955995
##	3645	3730	8	ZN INDUS NX RM AGE RAD PTRATIO B	0.5952551
##	3648	3731	8	ZN INDUS NX RM AGE TAX PTRATIO B	0.5950180
##	3512	3732	8	CRIM INDUS NX RM AGE DIS RAD TAX	0.5939870
##	3653	3733	8	ZN INDUS NX RM DIS RAD TAX B	0.5934535
##	3382	3734	8	CRIM ZN INDUS RM AGE RAD TAX PTRATIO	0.5928311
##	3369	3735	8	CRIM ZN INDUS NX RAD TAX B LSTAT	0.5895651
##	3632	3736	8	ZN INDUS NX RM AGE DIS RAD TAX	0.5886327
##	3533	3737	8	CRIM INDUS NX RM DIS RAD TAX B	0.5872938

##	3355	3738	8	CRIM ZN INDUS NX AGE TAX B LSTAT	0.5872298
##	3308	3739	8	CRIM ZN INDUS NX RM AGE RAD PTRATIO	0.5869738
##	3352	3740	8	CRIM ZN INDUS NX AGE RAD B LSTAT	0.5849967
##	3439	3741	8	CRIM ZN NX RM AGE RAD TAX B	0.5844477
##	3311	3742	8	CRIM ZN INDUS NX RM AGE TAX PTRATIO	0.5840233
##	3383	3743	8	CRIM ZN INDUS RM AGE RAD TAX B	0.5838144
##	3559	3744	8	CRIM INDUS NX AGE RAD TAX B LSTAT	0.5836506
##	3328	3745	8	CRIM ZN INDUS NX RM RAD TAX B	0.5807469
##	3523	3746	8	CRIM INDUS NX RM AGE RAD TAX B	0.5798883
##	3642	3747	8	ZN INDUS NX RM AGE RAD TAX PTRATIO	0.5796871
##	3312	3748	8	CRIM ZN INDUS NX RM AGE TAX B	0.5767871
##	3643	3749	8	ZN INDUS NX RM AGE RAD TAX B	0.5748325
##	3309	3750	8	CRIM ZN INDUS NX RM AGE RAD B	0.5721261
##	3307	3751	8	CRIM ZN INDUS NX RM AGE RAD TAX	0.5680350
##	3478	3752	8	CRIM ZN NX DIS RAD TAX PTRATIO B	0.4853966
##	3357	3753	8	CRIM ZN INDUS NX DIS RAD TAX PTRATIO	0.4804572
##	3463	3754	8	CRIM ZN NX AGE DIS RAD TAX PTRATIO	0.4800073
##	3617	3755	8	CRIM NX AGE DIS RAD TAX PTRATIO B	0.4791134
##	3562	3756	8	CRIM INDUS NX DIS RAD TAX PTRATIO B	0.4765921
##	3547	3757	8	CRIM INDUS NX AGE DIS RAD TAX PTRATIO	0.4734939
##	3360	3758	8	CRIM ZN INDUS NX DIS RAD PTRATIO B	0.4728983
##	3550	3759	8	CRIM INDUS NX AGE DIS RAD PTRATIO B	0.4722839
##	3338	3760	8	CRIM ZN INDUS NX AGE DIS RAD PTRATIO	0.4676578
##	3737	3761	8	ZN NX AGE DIS RAD TAX PTRATIO B	0.4659879
##	3682	3762	8	ZN INDUS NX DIS RAD TAX PTRATIO B	0.4630280
##	3344	3763	8	CRIM ZN INDUS NX AGE DIS PTRATIO B	0.4614963
##	3773	3764	8	INDUS NX AGE DIS RAD TAX PTRATIO B	0.4607938
##	3466	3765	8	CRIM ZN NX AGE DIS RAD PTRATIO B	0.4588628
##	3407	3766	8	CRIM ZN INDUS AGE DIS RAD TAX PTRATIO	0.4546957
##	3363	3767	8	CRIM ZN INDUS NX DIS TAX PTRATIO B	0.4526760
##	3341	3768	8	CRIM ZN INDUS NX AGE DIS TAX PTRATIO	0.4526357
##	3670	3769	8	ZN INDUS NX AGE DIS RAD PTRATIO B	0.4524167
##	3505	3770	8	CRIM ZN AGE DIS RAD TAX PTRATIO B	0.4511958
##	3422	3771	8	CRIM ZN INDUS DIS RAD TAX PTRATIO B	0.4505952
##	3589	3772	8	CRIM INDUS AGE DIS RAD TAX PTRATIO B	0.4498503
##	3553	3773	8	CRIM INDUS NX AGE DIS TAX PTRATIO B	0.4497345
##	3667	3774	8	ZN INDUS NX AGE DIS RAD TAX PTRATIO	0.4492882
##	3673	3775	8	ZN INDUS NX AGE DIS TAX PTRATIO B	0.4480401
##	3709	3776	8	ZN INDUS AGE DIS RAD TAX PTRATIO B	0.4469607
##	3410	3777	8	CRIM ZN INDUS AGE DIS RAD PTRATIO B	0.4459968
##	3413	3778	8	CRIM ZN INDUS AGE DIS TAX PTRATIO B	0.4407524
##	3469	3779	8	CRIM ZN NX AGE DIS TAX PTRATIO B	0.4400490
##	3367	3780	8	CRIM ZN INDUS NX RAD TAX PTRATIO B	0.4348045
##	3408	3781	8	CRIM ZN INDUS AGE DIS RAD TAX B	0.4345083
##	3473	3782	8	CRIM ZN NX AGE RAD TAX PTRATIO B	0.4343730
##	3557	3783	8	CRIM INDUS NX AGE RAD TAX PTRATIO B	0.4332192
##	3337	3784	8	CRIM ZN INDUS NX AGE DIS RAD TAX	0.4309185
##	3358	3785	8	CRIM ZN INDUS NX DIS RAD TAX B	0.4299292
##	3417	3786	8	CRIM ZN INDUS AGE RAD TAX PTRATIO B	0.4218756
##	3347	3787	8	CRIM ZN INDUS NX AGE RAD TAX PTRATIO	0.4198476
##	3342	3788	8	CRIM ZN INDUS NX AGE DIS TAX B	0.4188889
##	3464	3789	8	CRIM ZN NX AGE DIS RAD TAX B	0.4179435
##	3339	3790	8	CRIM ZN INDUS NX AGE DIS RAD B	0.4154615
##	3677	3791	8	ZN INDUS NX AGE RAD TAX PTRATIO B	0.4139247

##	3350	3792	8	CRIM ZN INDUS NX AGE RAD PTRATIO B	0.4127513
##	3668	3793	8	ZN INDUS NX AGE DIS RAD TAX B	0.4122891
##	3353	3794	8	CRIM ZN INDUS NX AGE TAX PTRATIO B	0.3916527
##	3548	3795	8	CRIM INDUS NX AGE DIS RAD TAX B	0.3801463
##	3348	3796	8	CRIM ZN INDUS NX AGE RAD TAX B	0.3600880
##	3959	3797	9	CRIM NX RM DIS RAD TAX PTRATIO B LSTAT	0.7241948
##	4004	3798	9	ZN NX RM DIS RAD TAX PTRATIO B LSTAT	0.7223840
##	3915	3799	9	CRIM ZN RM DIS RAD TAX PTRATIO B LSTAT	0.7215813
##	3899	3800	9	CRIM ZN NX RM DIS RAD PTRATIO B LSTAT	0.7204429
##	3897	3801	9	CRIM ZN NX RM DIS RAD TAX PTRATIO LSTAT	0.7193366
##	4013	3802	9	INDUS NX RM DIS RAD TAX PTRATIO B LSTAT	0.7186930
##	4016	3803	9	NX RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7180789
##	3956	3804	9	CRIM NX RM AGE DIS RAD PTRATIO B LSTAT	0.7177997
##	3935	3805	9	CRIM INDUS NX RM DIS RAD PTRATIO B LSTAT	0.7176266
##	4006	3806	9	ZN RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7167519
##	3996	3807	9	ZN INDUS RM DIS RAD TAX PTRATIO B LSTAT	0.7158603
##	3961	3808	9	CRIM RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7153906
##	3890	3809	9	CRIM ZN NX RM AGE DIS PTRATIO B LSTAT	0.7142641
##	3933	3810	9	CRIM INDUS NX RM DIS RAD TAX PTRATIO LSTAT	0.7141471
##	3826	3811	9	CRIM ZN INDUS NX RM DIS PTRATIO B LSTAT	0.7141274
##	3900	3812	9	CRIM ZN NX RM DIS TAX PTRATIO B LSTAT	0.7140910
##	3954	3813	9	CRIM NX RM AGE DIS RAD TAX PTRATIO LSTAT	0.7138206
##	4001	3814	9	ZN NX RM AGE DIS RAD PTRATIO B LSTAT	0.7136970
##	3980	3815	9	ZN INDUS NX RM DIS RAD PTRATIO B LSTAT	0.7136405
##	3951	3816	9	CRIM INDUS RM DIS RAD TAX PTRATIO B LSTAT	0.7132877
##	4002	3817	9	ZN NX RM AGE DIS TAX PTRATIO B LSTAT	0.7119192
##	3981	3818	9	ZN INDUS NX RM DIS TAX PTRATIO B LSTAT	0.7117400
##	4010	3819	9	INDUS NX RM AGE DIS RAD PTRATIO B LSTAT	0.7115298
##	3971	3820	9	ZN INDUS NX RM AGE DIS PTRATIO B LSTAT	0.7114865
##	4015	3821	9	INDUS RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7105837
##	3957	3822	9	CRIM NX RM AGE DIS TAX PTRATIO B LSTAT	0.7101921
##	3910	3823	9	CRIM ZN RM AGE DIS RAD TAX PTRATIO LSTAT	0.7100715
##	3926	3824	9	CRIM INDUS NX RM AGE DIS PTRATIO B LSTAT	0.7100183
##	3871	3825	9	CRIM ZN INDUS RM DIS RAD PTRATIO B LSTAT	0.7098765
##	3936	3826	9	CRIM INDUS NX RM DIS TAX PTRATIO B LSTAT	0.7098034
##	3821	3827	9	CRIM ZN INDUS NX RM DIS RAD PTRATIO LSTAT	0.7097384
##	3898	3828	9	CRIM ZN NX RM DIS RAD TAX B LSTAT	0.7095565
##	3885	3829	9	CRIM ZN NX RM AGE DIS RAD PTRATIO LSTAT	0.7095162
##	3912	3830	9	CRIM ZN RM AGE DIS RAD PTRATIO B LSTAT	0.7092885
##	3869	3831	9	CRIM ZN INDUS RM DIS RAD TAX PTRATIO LSTAT	0.7092712
##	3913	3832	9	CRIM ZN RM AGE DIS TAX PTRATIO B LSTAT	0.7090318
##	3862	3833	9	CRIM ZN INDUS RM AGE DIS PTRATIO B LSTAT	0.7088671
##	3911	3834	9	CRIM ZN RM AGE DIS RAD TAX B LSTAT	0.7086800
##	3872	3835	9	CRIM ZN INDUS RM DIS TAX PTRATIO B LSTAT	0.7085012
##	3978	3836	9	ZN INDUS NX RM DIS RAD TAX PTRATIO LSTAT	0.7084378
##	3870	3837	9	CRIM ZN INDUS RM DIS RAD TAX B LSTAT	0.7081520
##	4011	3838	9	INDUS NX RM AGE DIS TAX PTRATIO B LSTAT	0.7081454
##	3999	3839	9	ZN NX RM AGE DIS RAD TAX PTRATIO LSTAT	0.7077608
##	3994	3840	9	ZN INDUS RM AGE DIS TAX PTRATIO B LSTAT	0.7074573
##	3948	3841	9	CRIM INDUS RM AGE DIS RAD PTRATIO B LSTAT	0.7069879
##	3921	3842	9	CRIM INDUS NX RM AGE DIS RAD PTRATIO LSTAT	0.7067775
##	3824	3843	9	CRIM ZN INDUS NX RM DIS TAX PTRATIO LSTAT	0.7056197
##	3888	3844	9	CRIM ZN NX RM AGE DIS TAX PTRATIO LSTAT	0.7056066
##	3993	3845	9	ZN INDUS RM AGE DIS RAD PTRATIO B LSTAT	0.7055612

##	3805	3846	9	CRIM ZN INDUS NX RM AGE DIS PTRATIO	LSTAT	0.7055078
##	3949	3847	9	CRIM INDUS RM AGE DIS TAX PTRATIO B	LSTAT	0.7039764
##	4008	3848	9	INDUS NX RM AGE DIS RAD TAX PTRATIO	LSTAT	0.7038614
##	4000	3849	9	ZN NX RM AGE DIS RAD TAX B	LSTAT	0.7033118
##	3979	3850	9	ZN INDUS NX RM DIS RAD TAX B	LSTAT	0.7030447
##	3992	3851	9	ZN INDUS RM AGE DIS RAD TAX B	LSTAT	0.7026736
##	3946	3852	9	CRIM INDUS RM AGE DIS RAD TAX PTRATIO	LSTAT	0.7021771
##	3924	3853	9	CRIM INDUS NX RM AGE DIS TAX PTRATIO	LSTAT	0.7012727
##	3883	3854	9	CRIM ZN NX RM AGE DIS RAD TAX	LSTAT	0.7004303
##	3819	3855	9	CRIM ZN INDUS NX RM DIS RAD TAX	LSTAT	0.7003867
##	3969	3856	9	ZN INDUS NX RM AGE DIS TAX PTRATIO	LSTAT	0.7003220
##	3825	3857	9	CRIM ZN INDUS NX RM DIS TAX B	LSTAT	0.7002645
##	3991	3858	9	ZN INDUS RM AGE DIS RAD TAX PTRATIO	LSTAT	0.7000447
##	3861	3859	9	CRIM ZN INDUS RM AGE DIS TAX B	LSTAT	0.6999832
##	3889	3860	9	CRIM ZN NX RM AGE DIS TAX B	LSTAT	0.6999684
##	3860	3861	9	CRIM ZN INDUS RM AGE DIS TAX PTRATIO	LSTAT	0.6993071
##	3855	3862	9	CRIM ZN INDUS RM AGE DIS RAD TAX	LSTAT	0.6984811
##	3966	3863	9	ZN INDUS NX RM AGE DIS RAD PTRATIO	LSTAT	0.6984113
##	3937	3864	9	CRIM INDUS NX RM RAD TAX PTRATIO B	LSTAT	0.6983296
##	3950	3865	9	CRIM INDUS RM AGE RAD TAX PTRATIO B	LSTAT	0.6982298
##	3806	3866	9	CRIM ZN INDUS NX RM AGE DIS B	LSTAT	0.6980593
##	3857	3867	9	CRIM ZN INDUS RM AGE DIS RAD PTRATIO	LSTAT	0.6980325
##	3822	3868	9	CRIM ZN INDUS NX RM DIS RAD B	LSTAT	0.6980266
##	3873	3869	9	CRIM ZN INDUS RM RAD TAX PTRATIO B	LSTAT	0.6975990
##	3970	3870	9	ZN INDUS NX RM AGE DIS TAX B	LSTAT	0.6975964
##	4012	3871	9	INDUS NX RM AGE RAD TAX PTRATIO B	LSTAT	0.6968745
##	3858	3872	9	CRIM ZN INDUS RM AGE DIS RAD B	LSTAT	0.6967139
##	3886	3873	9	CRIM ZN NX RM AGE DIS RAD B	LSTAT	0.6959605
##	3958	3874	9	CRIM NX RM AGE RAD TAX PTRATIO B	LSTAT	0.6955378
##	3995	3875	9	ZN INDUS RM AGE RAD TAX PTRATIO B	LSTAT	0.6953244
##	3914	3876	9	CRIM ZN RM AGE RAD TAX PTRATIO B	LSTAT	0.6952118
##	3982	3877	9	ZN INDUS NX RM RAD TAX PTRATIO B	LSTAT	0.6945546
##	3803	3878	9	CRIM ZN INDUS NX RM AGE DIS TAX	LSTAT	0.6925327
##	3901	3879	9	CRIM ZN NX RM RAD TAX PTRATIO B	LSTAT	0.6919249
##	3967	3880	9	ZN INDUS NX RM AGE DIS RAD B	LSTAT	0.6919151
##	4003	3881	9	ZN NX RM AGE RAD TAX PTRATIO B	LSTAT	0.6913520
##	3930	3882	9	CRIM INDUS NX RM AGE RAD PTRATIO B	LSTAT	0.6909669
##	3955	3883	9	CRIM NX RM AGE DIS RAD TAX B	LSTAT	0.6899765
##	3964	3884	9	ZN INDUS NX RM AGE DIS RAD TAX	LSTAT	0.6899322
##	3947	3885	9	CRIM INDUS RM AGE DIS RAD TAX B	LSTAT	0.6895939
##	3894	3886	9	CRIM ZN NX RM AGE RAD PTRATIO B	LSTAT	0.6893633
##	3934	3887	9	CRIM INDUS NX RM DIS RAD TAX B	LSTAT	0.6890565
##	3928	3888	9	CRIM INDUS NX RM AGE RAD TAX PTRATIO	LSTAT	0.6889627
##	3800	3889	9	CRIM ZN INDUS NX RM AGE DIS RAD	LSTAT	0.6887179
##	3830	3890	9	CRIM ZN INDUS NX RM RAD PTRATIO B	LSTAT	0.6881001
##	3866	3891	9	CRIM ZN INDUS RM AGE RAD PTRATIO B	LSTAT	0.6879347
##	3975	3892	9	ZN INDUS NX RM AGE RAD PTRATIO B	LSTAT	0.6869640
##	3864	3893	9	CRIM ZN INDUS RM AGE RAD TAX PTRATIO	LSTAT	0.6861358
##	4009	3894	9	INDUS NX RM AGE DIS RAD TAX B	LSTAT	0.6855876
##	3828	3895	9	CRIM ZN INDUS NX RM RAD TAX PTRATIO	LSTAT	0.6854591
##	3925	3896	9	CRIM INDUS NX RM AGE DIS TAX B	LSTAT	0.6851734
##	3816	3897	9	CRIM ZN INDUS NX RM AGE PTRATIO B	LSTAT	0.6845851
##	3931	3898	9	CRIM INDUS NX RM AGE TAX PTRATIO B	LSTAT	0.6845289
##	3892	3899	9	CRIM ZN NX RM AGE RAD TAX PTRATIO	LSTAT	0.6843224

##	3922	3900	9	CRIM INDUS NX RM AGE DIS RAD B LSTAT	0.6839769
##	3867	3901	9	CRIM ZN INDUS RM AGE TAX PTRATIO B LSTAT	0.6839722
##	3976	3902	9	ZN INDUS NX RM AGE TAX PTRATIO B LSTAT	0.6838244
##	3895	3903	9	CRIM ZN NX RM AGE TAX PTRATIO B LSTAT	0.6828222
##	3831	3904	9	CRIM ZN INDUS NX RM TAX PTRATIO B LSTAT	0.6822618
##	3973	3905	9	ZN INDUS NX RM AGE RAD TAX PTRATIO	LSTAT 0.6815677
##	3919	3906	9	CRIM INDUS NX RM AGE DIS RAD TAX	LSTAT 0.6809121
##	3908	3907	9	CRIM ZN NX DIS RAD TAX PTRATIO B	LSTAT 0.6806765
##	3811	3908	9	CRIM ZN INDUS NX RM AGE RAD PTRATIO	LSTAT 0.6787308
##	3865	3909	9	CRIM ZN INDUS RM AGE RAD TAX B	LSTAT 0.6763083
##	3893	3910	9	CRIM ZN NX RM AGE RAD TAX B	LSTAT 0.6750127
##	3814	3911	9	CRIM ZN INDUS NX RM AGE TAX PTRATIO	LSTAT 0.6747341
##	3829	3912	9	CRIM ZN INDUS NX RM RAD TAX B	LSTAT 0.6745871
##	3903	3913	9	CRIM ZN NX AGE DIS RAD TAX PTRATIO	LSTAT 0.6744368
##	4005	3914	9	ZN NX AGE DIS RAD TAX PTRATIO B	LSTAT 0.6734169
##	3974	3915	9	ZN INDUS NX RM AGE RAD TAX B	LSTAT 0.6733732
##	3848	3916	9	CRIM ZN INDUS NX DIS RAD TAX PTRATIO	LSTAT 0.6726793
##	3989	3917	9	ZN INDUS NX DIS RAD TAX PTRATIO B	LSTAT 0.6721170
##	3960	3918	9	CRIM NX AGE DIS RAD TAX PTRATIO B	LSTAT 0.6702348
##	3929	3919	9	CRIM INDUS NX RM AGE RAD TAX B	LSTAT 0.6696656
##	3944	3920	9	CRIM INDUS NX DIS RAD TAX PTRATIO B	LSTAT 0.6693854
##	3880	3921	9	CRIM ZN INDUS DIS RAD TAX PTRATIO B	LSTAT 0.6682796
##	3815	3922	9	CRIM ZN INDUS NX RM AGE TAX B	LSTAT 0.6678778
##	3916	3923	9	CRIM ZN AGE DIS RAD TAX PTRATIO B	LSTAT 0.6677674
##	3809	3924	9	CRIM ZN INDUS NX RM AGE RAD TAX	LSTAT 0.6663628
##	3905	3925	9	CRIM ZN NX AGE DIS RAD PTRATIO B	LSTAT 0.6662207
##	3850	3926	9	CRIM ZN INDUS NX DIS RAD PTRATIO B	LSTAT 0.6660225
##	3812	3927	9	CRIM ZN INDUS NX RM AGE RAD B	LSTAT 0.6647423
##	4014	3928	9	INDUS NX AGE DIS RAD TAX PTRATIO B	LSTAT 0.6628769
##	3939	3929	9	CRIM INDUS NX AGE DIS RAD TAX PTRATIO	LSTAT 0.6623215
##	3984	3930	9	ZN INDUS NX AGE DIS RAD TAX PTRATIO	LSTAT 0.6616984
##	3997	3931	9	ZN INDUS AGE DIS RAD TAX PTRATIO B	LSTAT 0.6613963
##	3941	3932	9	CRIM INDUS NX AGE DIS RAD PTRATIO B	LSTAT 0.6601298
##	3836	3933	9	CRIM ZN INDUS NX AGE DIS RAD PTRATIO	LSTAT 0.6597157
##	3986	3934	9	ZN INDUS NX AGE DIS RAD PTRATIO B	LSTAT 0.6590570
##	3875	3935	9	CRIM ZN INDUS AGE DIS RAD TAX PTRATIO	LSTAT 0.6585436
##	3841	3936	9	CRIM ZN INDUS NX AGE DIS PTRATIO B	LSTAT 0.6549736
##	3851	3937	9	CRIM ZN INDUS NX DIS TAX PTRATIO B	LSTAT 0.6537308
##	3906	3938	9	CRIM ZN NX AGE DIS TAX PTRATIO B	LSTAT 0.6536394
##	3987	3939	9	ZN INDUS NX AGE DIS TAX PTRATIO B	LSTAT 0.6527783
##	3952	3940	9	CRIM INDUS AGE DIS RAD TAX PTRATIO B	LSTAT 0.6515905
##	3877	3941	9	CRIM ZN INDUS AGE DIS RAD PTRATIO B	LSTAT 0.6505366
##	3839	3942	9	CRIM ZN INDUS NX AGE DIS TAX PTRATIO	LSTAT 0.6497015
##	3904	3943	9	CRIM ZN NX AGE DIS RAD TAX B	LSTAT 0.6496321
##	3849	3944	9	CRIM ZN INDUS NX DIS RAD TAX B	LSTAT 0.6495044
##	3876	3945	9	CRIM ZN INDUS AGE DIS RAD TAX B	LSTAT 0.6480374
##	3953	3946	9	CRIM NX RM AGE DIS RAD TAX PTRATIO B	0.6478818
##	3878	3947	9	CRIM ZN INDUS AGE DIS TAX PTRATIO B	LSTAT 0.6459313
##	3942	3948	9	CRIM INDUS NX AGE DIS TAX PTRATIO B	LSTAT 0.6446208
##	3834	3949	9	CRIM ZN INDUS NX AGE DIS RAD TAX	LSTAT 0.6444746
##	3985	3950	9	ZN INDUS NX AGE DIS RAD TAX B	LSTAT 0.6424665
##	3943	3951	9	CRIM INDUS NX AGE RAD TAX PTRATIO B	LSTAT 0.6407753
##	3920	3952	9	CRIM INDUS NX RM AGE DIS RAD PTRATIO B	0.6404209
##	3907	3953	9	CRIM ZN NX AGE RAD TAX PTRATIO B	LSTAT 0.6393495

##	3909	3954	9	CRIM ZN RM AGE DIS RAD TAX PTRATIO B	0.6390882
##	3884	3955	9	CRIM ZN NX RM AGE DIS RAD PTRATIO B	0.6387980
##	3896	3956	9	CRIM ZN NX RM DIS RAD TAX PTRATIO B	0.6384615
##	3988	3957	9	ZN INDUS NX AGE RAD TAX PTRATIO B LSTAT	0.6381995
##	3879	3958	9	CRIM ZN INDUS AGE RAD TAX PTRATIO B LSTAT	0.6381216
##	3998	3959	9	ZN NX RM AGE DIS RAD TAX PTRATIO B	0.6365201
##	3945	3960	9	CRIM INDUS RM AGE DIS RAD TAX PTRATIO B	0.6361061
##	3804	3961	9	CRIM ZN INDUS NX RM AGE DIS PTRATIO B	0.6359954
##	3881	3962	9	CRIM ZN NX RM AGE DIS RAD TAX PTRATIO	0.6350007
##	3843	3963	9	CRIM ZN INDUS NX AGE RAD TAX PTRATIO LSTAT	0.6344531
##	4007	3964	9	INDUS NX RM AGE DIS RAD TAX PTRATIO B	0.6343831
##	3932	3965	9	CRIM INDUS NX RM DIS RAD TAX PTRATIO B	0.6342069
##	3840	3966	9	CRIM ZN INDUS NX AGE DIS TAX B LSTAT	0.6338394
##	3923	3967	9	CRIM INDUS NX RM AGE DIS TAX PTRATIO B	0.6336360
##	3887	3968	9	CRIM ZN NX RM AGE DIS TAX PTRATIO B	0.6335544
##	3837	3969	9	CRIM ZN INDUS NX AGE DIS RAD B LSTAT	0.6326952
##	3917	3970	9	CRIM INDUS NX RM AGE DIS RAD TAX PTRATIO	0.6320205
##	3856	3971	9	CRIM ZN INDUS RM AGE DIS RAD PTRATIO B	0.6296140
##	3859	3972	9	CRIM ZN INDUS RM AGE DIS TAX PTRATIO B	0.6292007
##	3820	3973	9	CRIM ZN INDUS NX RM DIS RAD PTRATIO B	0.6291748
##	3852	3974	9	CRIM ZN INDUS NX RAD TAX PTRATIO B LSTAT	0.6284462
##	3990	3975	9	ZN INDUS RM AGE DIS RAD TAX PTRATIO B	0.6282645
##	3968	3976	9	ZN INDUS NX RM AGE DIS TAX PTRATIO B	0.6280936
##	3845	3977	9	CRIM ZN INDUS NX AGE RAD PTRATIO B LSTAT	0.6274824
##	3965	3978	9	ZN INDUS NX RM AGE DIS RAD PTRATIO B	0.6272041
##	3798	3979	9	CRIM ZN INDUS NX RM AGE DIS RAD PTRATIO	0.6255591
##	3817	3980	9	CRIM ZN INDUS NX RM DIS RAD TAX PTRATIO	0.6238612
##	3854	3981	9	CRIM ZN INDUS RM AGE DIS RAD TAX B	0.6238112
##	3977	3982	9	ZN INDUS NX RM DIS RAD TAX PTRATIO B	0.6225167
##	3801	3983	9	CRIM ZN INDUS NX RM AGE DIS TAX PTRATIO	0.6224758
##	3882	3984	9	CRIM ZN NX RM AGE DIS RAD TAX B	0.6224512
##	3853	3985	9	CRIM ZN INDUS RM AGE DIS RAD TAX PTRATIO	0.6223576
##	3823	3986	9	CRIM ZN INDUS NX RM DIS TAX PTRATIO B	0.6221825
##	3868	3987	9	CRIM ZN INDUS RM DIS RAD TAX PTRATIO B	0.6189283
##	3802	3988	9	CRIM ZN INDUS NX RM AGE DIS TAX B	0.6174575
##	3927	3989	9	CRIM INDUS NX RM AGE RAD TAX PTRATIO B	0.6155010
##	3891	3990	9	CRIM ZN NX RM AGE RAD TAX PTRATIO B	0.6143153
##	3846	3991	9	CRIM ZN INDUS NX AGE TAX PTRATIO B LSTAT	0.6139044
##	3799	3992	9	CRIM ZN INDUS NX RM AGE DIS RAD B	0.6137624
##	3827	3993	9	CRIM ZN INDUS NX RM RAD TAX PTRATIO B	0.6130170
##	3863	3994	9	CRIM ZN INDUS RM AGE RAD TAX PTRATIO B	0.6124774
##	3962	3995	9	ZN INDUS NX RM AGE DIS RAD TAX PTRATIO	0.6122831
##	3963	3996	9	ZN INDUS NX RM AGE DIS RAD TAX B	0.6110128
##	3797	3997	9	CRIM ZN INDUS NX RM AGE DIS RAD TAX	0.6109315
##	3818	3998	9	CRIM ZN INDUS NX RM DIS RAD TAX B	0.6095212
##	3940	3999	9	CRIM INDUS NX AGE DIS RAD TAX B LSTAT	0.6091157
##	3918	4000	9	CRIM INDUS NX RM AGE DIS RAD TAX B	0.6084158
##	3810	4001	9	CRIM ZN INDUS NX RM AGE RAD PTRATIO B	0.6054124
##	3972	4002	9	ZN INDUS NX RM AGE RAD TAX PTRATIO B	0.6052175
##	3844	4003	9	CRIM ZN INDUS NX AGE RAD TAX B LSTAT	0.6048437
##	3813	4004	9	CRIM ZN INDUS NX RM AGE TAX PTRATIO B	0.5995281
##	3807	4005	9	CRIM ZN INDUS NX RM AGE RAD TAX PTRATIO	0.5975039
##	3808	4006	9	CRIM ZN INDUS NX RM AGE RAD TAX B	0.5844582
##	3902	4007	9	CRIM ZN NX AGE DIS RAD TAX PTRATIO B	0.4937598

##	3847	4008	9	CRIM ZN INDUS NX DIS RAD TAX PTRATIO B	0.4925566
##	3832	4009	9	CRIM ZN INDUS NX AGE DIS RAD TAX PTRATIO	0.4877148
##	3938	4010	9	CRIM INDUS NX AGE DIS RAD TAX PTRATIO B	0.4864596
##	3835	4011	9	CRIM ZN INDUS NX AGE DIS RAD PTRATIO B	0.4806616
##	3983	4012	9	ZN INDUS NX AGE DIS RAD TAX PTRATIO B	0.4724207
##	3874	4013	9	CRIM ZN INDUS AGE DIS RAD TAX PTRATIO B	0.4715612
##	3838	4014	9	CRIM ZN INDUS NX AGE DIS TAX PTRATIO B	0.4617609
##	3833	4015	9	CRIM ZN INDUS NX AGE DIS RAD TAX B	0.4412052
##	3842	4016	9	CRIM ZN INDUS NX AGE RAD TAX PTRATIO B	0.4348152
##	4059	4017	10	CRIM ZN NX RM DIS RAD TAX PTRATIO B LSTAT	0.7295844
##	4068	4018	10	CRIM INDUS NX RM DIS RAD TAX PTRATIO B LSTAT	0.7248657
##	4071	4019	10	CRIM NX RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7244562
##	4078	4020	10	ZN INDUS NX RM DIS RAD TAX PTRATIO B LSTAT	0.7233437
##	4061	4021	10	CRIM ZN RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7226200
##	4081	4022	10	ZN NX RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7224615
##	4051	4023	10	CRIM ZN INDUS RM DIS RAD TAX PTRATIO B LSTAT	0.7215830
##	4035	4024	10	CRIM ZN INDUS NX RM DIS RAD PTRATIO B LSTAT	0.7205252
##	4056	4025	10	CRIM ZN NX RM AGE DIS RAD PTRATIO B LSTAT	0.7205122
##	4033	4026	10	CRIM ZN INDUS NX RM DIS RAD TAX PTRATIO LSTAT	0.7198306
##	4054	4027	10	CRIM ZN NX RM AGE DIS RAD TAX PTRATIO LSTAT	0.7193418
##	4082	4028	10	INDUS NX RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7189474
##	4065	4029	10	CRIM INDUS NX RM AGE DIS RAD PTRATIO B LSTAT	0.7178327
##	4080	4030	10	ZN INDUS RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7168313
##	4070	4031	10	CRIM INDUS RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7153925
##	4026	4032	10	CRIM ZN INDUS NX RM AGE DIS PTRATIO B LSTAT	0.7143123
##	4057	4033	10	CRIM ZN NX RM AGE DIS TAX PTRATIO B LSTAT	0.7142787
##	4063	4034	10	CRIM INDUS NX RM AGE DIS RAD TAX PTRATIO LSTAT	0.7142519
##	4036	4035	10	CRIM ZN INDUS NX RM DIS TAX PTRATIO B LSTAT	0.7141295
##	4075	4036	10	ZN INDUS NX RM AGE DIS RAD PTRATIO B LSTAT	0.7137216
##	4076	4037	10	ZN INDUS NX RM AGE DIS TAX PTRATIO B LSTAT	0.7119192
##	4048	4038	10	CRIM ZN INDUS RM AGE DIS RAD PTRATIO B LSTAT	0.7111436
##	4066	4039	10	CRIM INDUS NX RM AGE DIS TAX PTRATIO B LSTAT	0.7102302
##	4046	4040	10	CRIM ZN INDUS RM AGE DIS RAD TAX PTRATIO LSTAT	0.7100994
##	4055	4041	10	CRIM ZN NX RM AGE DIS RAD TAX B LSTAT	0.7098077
##	4021	4042	10	CRIM ZN INDUS NX RM AGE DIS RAD PTRATIO LSTAT	0.7097445
##	4049	4043	10	CRIM ZN INDUS RM AGE DIS TAX PTRATIO B LSTAT	0.7095779
##	4034	4044	10	CRIM ZN INDUS NX RM DIS RAD TAX B LSTAT	0.7095712
##	4047	4045	10	CRIM ZN INDUS RM AGE DIS RAD TAX B LSTAT	0.7087917
##	4073	4046	10	ZN INDUS NX RM AGE DIS RAD TAX PTRATIO LSTAT	0.7084402
##	4024	4047	10	CRIM ZN INDUS NX RM AGE DIS TAX PTRATIO LSTAT	0.7056841
##	4074	4048	10	ZN INDUS NX RM AGE DIS RAD TAX B LSTAT	0.7033118
##	4067	4049	10	CRIM INDUS NX RM AGE RAD TAX PTRATIO B LSTAT	0.7009271
##	4025	4050	10	CRIM ZN INDUS NX RM AGE DIS TAX B LSTAT	0.7006282
##	4019	4051	10	CRIM ZN INDUS NX RM AGE DIS RAD TAX LSTAT	0.7004884
##	4050	4052	10	CRIM ZN INDUS RM AGE RAD TAX PTRATIO B LSTAT	0.6991213
##	4037	4053	10	CRIM ZN INDUS NX RM RAD TAX PTRATIO B LSTAT	0.6983529
##	4022	4054	10	CRIM ZN INDUS NX RM AGE DIS RAD B LSTAT	0.6983063
##	4077	4055	10	ZN INDUS NX RM AGE RAD TAX PTRATIO B LSTAT	0.6971259
##	4058	4056	10	CRIM ZN NX RM AGE RAD TAX PTRATIO B LSTAT	0.6956297
##	4030	4057	10	CRIM ZN INDUS NX RM AGE RAD PTRATIO B LSTAT	0.6909971
##	4064	4058	10	CRIM INDUS NX RM AGE DIS RAD TAX B LSTAT	0.6903653
##	4028	4059	10	CRIM ZN INDUS NX RM AGE RAD TAX PTRATIO LSTAT	0.6893275
##	4031	4060	10	CRIM ZN INDUS NX RM AGE TAX PTRATIO B LSTAT	0.6845940
##	4060	4061	10	CRIM ZN NX AGE DIS RAD TAX PTRATIO B LSTAT	0.6821330

##	4044	4062	10	CRIM ZN INDUS NX DIS RAD TAX PTRATIO B LSTAT	0.6807525
##	4029	4063	10	CRIM ZN INDUS NX RM AGE RAD TAX B LSTAT	0.6769629
##	4039	4064	10	CRIM ZN INDUS NX AGE DIS RAD TAX PTRATIO LSTAT	0.6744723
##	4079	4065	10	ZN INDUS NX AGE DIS RAD TAX PTRATIO B LSTAT	0.6736025
##	4069	4066	10	CRIM INDUS NX AGE DIS RAD TAX PTRATIO B LSTAT	0.6702743
##	4052	4067	10	CRIM ZN INDUS AGE DIS RAD TAX PTRATIO B LSTAT	0.6683763
##	4041	4068	10	CRIM ZN INDUS NX AGE DIS RAD PTRATIO B LSTAT	0.6676441
##	4042	4069	10	CRIM ZN INDUS NX AGE DIS TAX PTRATIO B LSTAT	0.6550568
##	4053	4070	10	CRIM ZN NX RM AGE DIS RAD TAX PTRATIO B	0.6511670
##	4040	4071	10	CRIM ZN INDUS NX AGE DIS RAD TAX B LSTAT	0.6506527
##	4062	4072	10	CRIM INDUS NX RM AGE DIS RAD TAX PTRATIO B	0.6481333
##	4043	4073	10	CRIM ZN INDUS NX AGE RAD TAX PTRATIO B LSTAT	0.6432962
##	4020	4074	10	CRIM ZN INDUS NX RM AGE DIS RAD PTRATIO B	0.6417890
##	4045	4075	10	CRIM ZN INDUS RM AGE DIS RAD TAX PTRATIO B	0.6411580
##	4032	4076	10	CRIM ZN INDUS NX RM DIS RAD TAX PTRATIO B	0.6388797
##	4072	4077	10	ZN INDUS NX RM AGE DIS RAD TAX PTRATIO B	0.6366676
##	4023	4078	10	CRIM ZN INDUS NX RM AGE DIS TAX PTRATIO B	0.6360109
##	4017	4079	10	CRIM ZN INDUS NX RM AGE DIS RAD TAX PTRATIO	0.6355308
##	4018	4080	10	CRIM ZN INDUS NX RM AGE DIS RAD TAX B	0.6253036
##	4027	4081	10	CRIM ZN INDUS NX RM AGE RAD TAX PTRATIO B	0.6155321
##	4038	4082	10	CRIM ZN INDUS NX AGE DIS RAD TAX PTRATIO B	0.5003765
##	4089	4083	11	CRIM ZN INDUS NX RM DIS RAD TAX PTRATIO B LSTAT	0.7303229
##	4092	4084	11	CRIM ZN NX RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7296508
##	4093	4085	11	CRIM INDUS NX RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7251211
##	4094	4086	11	ZN INDUS NX RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7234161
##	4091	4087	11	CRIM ZN INDUS RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7226319
##	4086	4088	11	CRIM ZN INDUS NX RM AGE DIS RAD PTRATIO B LSTAT	0.7205957
##	4084	4089	11	CRIM ZN INDUS NX RM AGE DIS RAD TAX PTRATIO LSTAT	0.7198346
##	4087	4090	11	CRIM ZN INDUS NX RM AGE DIS TAX PTRATIO B LSTAT	0.7143167
##	4085	4091	11	CRIM ZN INDUS NX RM AGE DIS RAD TAX B LSTAT	0.7098220
##	4088	4092	11	CRIM ZN INDUS NX RM AGE RAD TAX PTRATIO B LSTAT	0.7012546
##	4090	4093	11	CRIM ZN INDUS NX AGE DIS RAD TAX PTRATIO B LSTAT	0.6822275
##	4083	4094	11	CRIM ZN INDUS NX RM AGE DIS RAD TAX PTRATIO B	0.6514006
##	4095	4095	12	CRIM ZN INDUS NX RM AGE DIS RAD TAX PTRATIO B LSTAT	0.7303853
##	Adj. R-Square Mallow's Cp				
##	12	0.54177288	0.53510351		
##	5	0.45923960	0.44703974		
##	3	0.24961225	0.24174652		
##	10	0.22725184	0.21773915		
##	9	0.21246465	0.20401460		
##	4	0.18682565	0.17980057		
##	6	0.15094661	0.14270472		
##	2	0.14867335	0.13926089		
##	1	0.14443753	0.13116740		
##	8	0.13300927	0.12448069		
##	11	0.11310000	0.10869958		
##	7	0.07693847	0.06799824		
##	57	0.63652146	0.62333911		
##	77	0.58615915	0.57847750		
##	68	0.55611060	0.54603644		
##	78	0.55151857	0.54506775		
##	75	0.54835649	0.53923622		
##	33	0.54709153	0.53650487		
##	63	0.54701998	0.53696992		

## 23	0.54699092	0.54023420
## 42	0.54203373	0.53225028
## 72	0.54137787	0.53212513
## 50	0.54026377	0.53117333
## 54	0.52915163	0.51449382
## 55	0.52250613	0.51050923
## 56	0.52104528	0.50942768
## 16	0.51832221	0.50353895
## 35	0.51097814	0.49735937
## 53	0.50838771	0.49211989
## 51	0.50837106	0.49514264
## 43	0.50456599	0.49086066
## 26	0.48333490	0.47076022
## 52	0.47027635	0.45636816
## 48	0.34968065	0.34060397
## 40	0.33442860	0.32354791
## 73	0.29877913	0.28774254
## 61	0.29807901	0.28685523
## 76	0.29308650	0.28481424
## 14	0.28988505	0.28215222
## 21	0.28650692	0.27570014
## 30	0.27959277	0.26837204
## 41	0.27846698	0.27180861
## 39	0.27657841	0.26798624
## 24	0.26961996	0.25783998
## 31	0.26109737	0.24858621
## 38	0.26041899	0.25071296
## 37	0.25992846	0.24965888
## 34	0.25567522	0.24675734
## 36	0.25483830	0.24505100
## 70	0.24927941	0.23808984
## 66	0.24880292	0.23604653
## 60	0.24633727	0.23590320
## 13	0.24437459	0.23120581
## 47	0.24348777	0.23452954
## 15	0.23776539	0.23066069
## 74	0.23279269	0.22494361
## 20	0.22839109	0.22085664
## 32	0.22254919	0.21457332
## 69	0.22237799	0.21179530
## 25	0.22146347	0.21091804
## 49	0.21975790	0.21389457
## 17	0.21931007	0.20836951
## 29	0.21585426	0.20401697
## 65	0.21192054	0.20126677
## 62	0.20791793	0.20094488
## 46	0.20571484	0.19695297
## 59	0.19649448	0.18605368
## 44	0.19563669	0.18711429
## 45	0.19087503	0.18152387
## 27	0.19035542	0.17882596
## 22	0.17849082	0.16702721
## 71	0.16818875	0.16032014
## 19	0.16701608	0.15719469

## 18	0.16410461	0.15129678
## 58	0.14891173	0.13955911
## 28	0.14815897	0.13488966
## 67	0.14664234	0.13923070
## 64	0.14487815	0.13422577
## 262	0.66146330	0.64786321
## 263	0.65182409	0.63851387
## 253	0.64610724	0.63047450
## 112	0.64448189	0.63050478
## 260	0.64306228	0.62420312
## 257	0.63819665	0.61869550
## 157	0.63683599	0.62173861
## 248	0.63644773	0.61900495
## 193	0.63542664	0.61887567
## 221	0.63531905	0.61931264
## 287	0.60673482	0.59581248
## 277	0.59366934	0.58268866
## 298	0.59364081	0.58615127
## 293	0.58735613	0.57726006
## 132	0.58681102	0.57872216
## 168	0.58564302	0.57299666
## 296	0.58513661	0.57502293
## 213	0.58494072	0.57414337
## 241	0.58488935	0.57440674
## 177	0.58484025	0.57349061
## 204	0.57505745	0.56357411
## 285	0.57492056	0.56373843
## 288	0.57084771	0.56096152
## 261	0.56913967	0.55789402
## 232	0.56688507	0.55626164
## 123	0.56665719	0.55654281
## 163	0.56209094	0.54906597
## 219	0.56063778	0.54836849
## 282	0.56054747	0.54891198
## 278	0.55859004	0.54879764
## 275	0.55837941	0.54663673
## 110	0.55627885	0.54346866
## 178	0.55614320	0.54575189
## 291	0.55526299	0.54514656
## 268	0.55464176	0.54292761
## 118	0.55401289	0.54380636
## 258	0.55362625	0.53962253
## 297	0.55336025	0.54451137
## 199	0.55265671	0.54089612
## 175	0.55242263	0.53948417
## 246	0.55240856	0.54006529
## 133	0.55231507	0.54586862
## 88	0.55203997	0.54137562
## 259	0.55100415	0.53595886
## 242	0.55088725	0.54208843
## 214	0.55051823	0.54118909
## 294	0.55006253	0.54109682
## 239	0.54936960	0.53824348
## 130	0.54882611	0.53990931

## 227	0.54871033	0.53757036
## 272	0.54830602	0.53626407
## 247	0.54804120	0.53522960
## 211	0.54688301	0.53615478
## 150	0.54673499	0.53418237
## 97	0.54631642	0.53676992
## 172	0.54611606	0.53308235
## 191	0.54602024	0.53316036
## 105	0.54583331	0.53684174
## 142	0.54577374	0.53234445
## 127	0.54571700	0.53707128
## 192	0.54446334	0.53128523
## 111	0.54333365	0.52839204
## 245	0.54187247	0.52724689
## 106	0.54183289	0.52772291
## 90	0.54179370	0.52793188
## 186	0.54161498	0.53011435
## 109	0.54094909	0.52607294
## 208	0.54089688	0.52941896
## 236	0.54015902	0.52891637
## 154	0.53899109	0.52383616
## 220	0.53771222	0.52458169
## 255	0.53668876	0.52114912
## 98	0.53622406	0.52245297
## 256	0.53587814	0.51900726
## 156	0.53560464	0.52341591
## 190	0.53426427	0.51889238
## 81	0.53334363	0.51876081
## 218	0.53292254	0.51796909
## 254	0.52865154	0.51247761
## 244	0.52844073	0.51224959
## 250	0.52798256	0.51343139
## 155	0.52565041	0.51312295
## 189	0.52517811	0.50811140
## 108	0.52508286	0.50724327
## 251	0.52468813	0.51158531
## 252	0.52158258	0.50814666
## 187	0.52051976	0.50657122
## 217	0.51957489	0.50284636
## 153	0.51866460	0.50176163
## 107	0.51769301	0.50216434
## 179	0.51518941	0.50085954
## 243	0.51393504	0.50088707
## 188	0.51393087	0.50006140
## 135	0.51379398	0.49957837
## 215	0.51323451	0.49908939
## 151	0.50937782	0.49554953
## 216	0.50861602	0.49395162
## 143	0.50799373	0.49371285
## 249	0.50694136	0.49064293
## 152	0.48207445	0.46768972
## 230	0.37830026	0.36700051
## 240	0.36805937	0.36012460
## 103	0.36446301	0.35634289

## 212	0.36039425	0.35074385
## 184	0.35769231	0.34688916
## 95	0.35717887	0.34701108
## 237	0.35161144	0.34091302
## 234	0.34995553	0.33958133
## 225	0.34802082	0.33654511
## 148	0.34790148	0.33498146
## 202	0.34259901	0.32937099
## 209	0.34122993	0.32969521
## 197	0.33978730	0.32747491
## 276	0.33737191	0.32722987
## 140	0.33603927	0.32141667
## 206	0.33253695	0.32011223
## 116	0.32826004	0.31701582
## 273	0.32624375	0.31382780
## 295	0.32324299	0.31234534
## 289	0.32314082	0.30987837
## 173	0.32311579	0.30917507
## 176	0.31735964	0.30615443
## 131	0.31474713	0.30367217
## 86	0.31474526	0.30104276
## 128	0.31154085	0.30121105
## 79	0.31031749	0.29836961
## 92	0.30911955	0.29832551
## 137	0.30632307	0.29290738
## 139	0.30140068	0.28926015
## 266	0.30077932	0.28782327
## 96	0.29994513	0.29229247
## 270	0.29977102	0.28717671
## 161	0.29961227	0.28514283
## 141	0.29895408	0.28820579
## 286	0.29885657	0.28744202
## 283	0.29747804	0.28405805
## 174	0.29619384	0.28533753
## 165	0.29538632	0.28199785
## 169	0.29507116	0.28193658
## 94	0.29415637	0.28629272
## 85	0.29379096	0.28324621
## 292	0.29319705	0.28209102
## 203	0.29194767	0.28275007
## 194	0.29164454	0.28091573
## 210	0.29155920	0.28358372
## 91	0.29131893	0.28160997
## 89	0.29082956	0.28261772
## 201	0.29070895	0.27991799
## 121	0.29065909	0.27744079
## 181	0.28756235	0.27668267
## 93	0.28753435	0.27729254
## 125	0.28427378	0.27118527
## 147	0.28274905	0.27061169
## 198	0.28202559	0.27343257
## 160	0.28193751	0.26869061
## 138	0.27965377	0.26586845
## 207	0.27958651	0.27046724

## 185	0.27952838	0.27198600
## 196	0.27942547	0.26890351
## 205	0.27823378	0.26746856
## 170	0.27780601	0.26329722
## 183	0.27646220	0.26694382
## 200	0.27553656	0.26355153
## 80	0.27324685	0.26223802
## 134	0.27087941	0.25812441
## 136	0.26871761	0.25500624
## 87	0.26757855	0.25523556
## 195	0.26330425	0.25164636
## 274	0.26306088	0.25333596
## 182	0.26168457	0.25116123
## 166	0.26146166	0.24480105
## 115	0.25878769	0.24913595
## 82	0.25809056	0.24403205
## 102	0.25807547	0.25020624
## 265	0.25783362	0.24643495
## 238	0.25682042	0.24883377
## 280	0.25679734	0.24308991
## 149	0.25653232	0.24718551
## 269	0.25630802	0.24397764
## 180	0.25556147	0.24487111
## 233	0.25355827	0.24296617
## 124	0.25261694	0.24119658
## 145	0.25241919	0.23968448
## 229	0.25135793	0.24039759
## 224	0.25046598	0.23952144
## 84	0.24957904	0.23628791
## 104	0.24897227	0.24216109
## 290	0.24850585	0.23879317
## 100	0.24772786	0.23784915
## 171	0.24623343	0.23491345
## 83	0.24536639	0.22764633
## 162	0.24448519	0.23404422
## 99	0.24305979	0.23407553
## 129	0.24069414	0.23216502
## 117	0.24048261	0.23012241
## 146	0.23995345	0.22751677
## 101	0.23573116	0.22646800
## 284	0.23133667	0.22130066
## 159	0.22984316	0.21588605
## 226	0.22943645	0.22214170
## 120	0.22691035	0.21712618
## 235	0.22582878	0.21789571
## 231	0.22401065	0.21572237
## 271	0.22375564	0.21409394
## 113	0.22310054	0.20990170
## 114	0.22293939	0.21149804
## 279	0.22200433	0.20933812
## 144	0.22132492	0.20887811
## 167	0.22036350	0.20860158
## 164	0.21690946	0.20214917
## 222	0.21523708	0.20522310

## 223	0.21359769	0.20300817
## 228	0.21186612	0.20082044
## 267	0.20936531	0.20113977
## 264	0.20111131	0.18964569
## 158	0.20080849	0.18794328
## 122	0.19050897	0.17837616
## 126	0.18908014	0.17775958
## 281	0.17591542	0.16602215
## 119	0.17481547	0.16322577
## 747	0.67555956	0.65969649
## 758	0.67412560	0.66057568
## 748	0.66624241	0.65082239
## 427	0.66478582	0.65061440
## 737	0.66261157	0.64482027
## 745	0.66246563	0.64358219
## 756	0.66154826	0.64327107
## 631	0.66118506	0.64492491
## 547	0.66061707	0.64536920
## 753	0.66045696	0.64195030
## 687	0.66040125	0.64362064
## 418	0.65904324	0.64303854
## 538	0.65801502	0.64171593
## 428	0.65360383	0.63944505
## 678	0.65343732	0.63687263
## 742	0.65311467	0.63322636
## 622	0.65310544	0.63654063
## 757	0.65291372	0.63445729
## 738	0.65263518	0.63526752
## 688	0.65184542	0.63631689
## 548	0.65169190	0.63649977
## 632	0.65092115	0.63470699
## 754	0.65073193	0.63171395
## 728	0.64705766	0.62925586
## 425	0.64559759	0.62730406
## 413	0.64526669	0.62726568
## 735	0.64513712	0.62365575
## 322	0.64461307	0.62873947
## 685	0.64420277	0.62468584
## 751	0.64415263	0.62445069
## 386	0.64372403	0.62752170
## 629	0.64353588	0.62389277
## 358	0.64334110	0.62653554
## 422	0.64330085	0.62452935
## 545	0.64282561	0.62228813
## 732	0.63911920	0.61675715
## 533	0.63890996	0.62028055
## 542	0.63800339	0.61687980
## 682	0.63766399	0.61717080
## 626	0.63710145	0.61611337
## 617	0.63604090	0.61721124
## 506	0.63589810	0.61860221
## 673	0.63577337	0.61720530
## 478	0.63564069	0.61767376
## 590	0.63429768	0.61662008

## 712	0.62801422	0.61686954
## 788	0.61930800	0.60851682
## 572	0.61569202	0.60229388
## 656	0.61367696	0.60142201
## 452	0.61090330	0.59992073
## 570	0.61084899	0.59744790
## 786	0.61063669	0.59855540
## 783	0.60547255	0.59320020
## 767	0.60544649	0.59313349
## 778	0.60293795	0.59219186
## 573	0.60263920	0.59011504
## 489	0.60145406	0.58743484
## 792	0.60073527	0.59103852
## 333	0.60065400	0.58788870
## 790	0.60009394	0.58868138
## 702	0.59879732	0.58681719
## 517	0.59615069	0.58300276
## 442	0.59538521	0.58405869
## 562	0.59504870	0.58134304
## 776	0.59411022	0.58157961
## 458	0.59339903	0.58393819
## 773	0.59329629	0.58070472
## 646	0.59322103	0.58066582
## 667	0.59321158	0.58279839
## 723	0.59249525	0.58232888
## 793	0.59248687	0.58264286
## 463	0.59246017	0.58410170
## 583	0.59231364	0.58111066
## 567	0.59145922	0.57729268
## 718	0.58747454	0.57579131
## 578	0.58603458	0.57235549
## 662	0.58599427	0.57359757
## 378	0.58577578	0.57476578
## 657	0.58574548	0.57454259
## 342	0.58552179	0.57367848
## 461	0.58544227	0.57541579
## 406	0.58543854	0.57471337
## 736	0.58504253	0.57317170
## 553	0.58458360	0.57033732
## 686	0.58453920	0.57285950
## 665	0.58433002	0.57241959
## 610	0.58408133	0.57196282
## 581	0.58381791	0.56995782
## 369	0.58378854	0.57251946
## 721	0.58375846	0.57173361
## 498	0.58369057	0.56957191
## 526	0.58352180	0.57003238
## 654	0.58215477	0.56979347
## 787	0.58126974	0.57011991
## 781	0.58112249	0.56921834
## 426	0.57942907	0.56608526
## 601	0.57814481	0.56592570
## 710	0.57784304	0.56569875
## 755	0.57772050	0.56348385

## 676	0.57759362	0.56482323
## 630	0.57714884	0.56496130
## 713	0.57703248	0.56641271
## 450	0.57615326	0.56499890
## 651	0.57564652	0.56264885
## 397	0.57550174	0.56484427
## 384	0.57541070	0.56355669
## 453	0.57453219	0.56480103
## 560	0.57373124	0.55913105
## 637	0.57369403	0.56078690
## 563	0.57355515	0.56074684
## 765	0.57351190	0.56075444
## 411	0.57235208	0.55984347
## 784	0.57074904	0.55923864
## 546	0.57002029	0.55808981
## 328	0.56982215	0.55663196
## 768	0.56942937	0.55804078
## 752	0.56896108	0.55305974
## 746	0.56774482	0.55521013
## 707	0.56760904	0.55501217
## 356	0.56715717	0.55440705
## 693	0.56621210	0.55390051
## 447	0.56569057	0.55438279
## 733	0.56524620	0.55150483
## 433	0.56523097	0.55350756
## 771	0.56500617	0.55236740
## 683	0.56465914	0.55066828
## 423	0.56418932	0.54997466
## 484	0.56394017	0.54903452
## 777	0.56363182	0.55212462
## 791	0.56289390	0.55313885
## 557	0.56286636	0.54784220
## 512	0.56196818	0.54773826
## 671	0.56171936	0.54872586
## 726	0.56166824	0.54944995
## 647	0.56147241	0.55016028
## 734	0.56141946	0.54641226
## 576	0.56084850	0.54711640
## 412	0.56080507	0.54608460
## 443	0.56027851	0.55051650
## 456	0.55998081	0.55056310
## 504	0.55980259	0.54639702
## 588	0.55963711	0.54669572
## 727	0.55960697	0.54695999
## 725	0.55959691	0.54576779
## 680	0.55940053	0.54405554
## 544	0.55921037	0.54363545
## 762	0.55908761	0.54582289
## 440	0.55885923	0.54701405
## 320	0.55852636	0.54506947
## 527	0.55846313	0.54621441
## 644	0.55818761	0.54542565
## 703	0.55800979	0.54716135
## 364	0.55784639	0.54614424

## 357	0.55778471	0.54299436
## 524	0.55772884	0.54312260
## 774	0.55730319	0.54557055
## 582	0.55730093	0.54458801
## 700	0.55701284	0.54390599
## 343	0.55689969	0.54647686
## 749	0.55674034	0.54119502
## 627	0.55660001	0.54197918
## 716	0.55616113	0.54415992
## 424	0.55599649	0.53944011
## 722	0.55539874	0.54458863
## 730	0.55537390	0.54027541
## 543	0.55533631	0.54061489
## 615	0.55528063	0.54224034
## 420	0.55511732	0.53792680
## 321	0.55494709	0.53993382
## 579	0.55489691	0.54215091
## 408	0.55483666	0.54014665
## 416	0.55482433	0.54111583
## 499	0.55470722	0.54167130
## 660	0.55432628	0.54269696
## 628	0.55431071	0.53863638
## 392	0.55429500	0.54302950
## 315	0.55319261	0.54075333
## 340	0.55308467	0.54037976
## 743	0.55265017	0.53864848
## 462	0.55257699	0.54373505
## 750	0.55256443	0.53588088
## 437	0.55253696	0.54089301
## 385	0.55222846	0.53757370
## 731	0.55220675	0.53540440
## 496	0.55209002	0.53788274
## 407	0.55208025	0.54337809
## 684	0.55206018	0.53694533
## 641	0.55197014	0.53853743
## 459	0.55194560	0.54352872
## 666	0.55192241	0.54150533
## 410	0.55190631	0.53700985
## 616	0.55188763	0.53837239
## 611	0.55162721	0.54066506
## 596	0.55153152	0.53849597
## 531	0.55133222	0.53796236
## 337	0.55127080	0.53891189
## 379	0.55111414	0.54189018
## 744	0.55058485	0.53552781
## 307	0.55055183	0.53734122
## 319	0.55039814	0.53502545
## 353	0.54982783	0.53545035
## 404	0.54969329	0.53868934
## 621	0.54946972	0.53598234
## 719	0.54942611	0.53857984
## 663	0.54919819	0.53811677
## 532	0.54888485	0.53534598
## 620	0.54858206	0.53515818

## 624	0.54855205	0.53244118
## 697	0.54841046	0.53501543
## 608	0.54830606	0.53573570
## 535	0.54755215	0.53278473
## 477	0.54746931	0.53363056
## 625	0.54740747	0.52981093
## 376	0.54732721	0.53675447
## 672	0.54720440	0.53376463
## 352	0.54711596	0.53296688
## 521	0.54681206	0.53204811
## 355	0.54676042	0.53119164
## 351	0.54666166	0.53548830
## 471	0.54660965	0.53166099
## 373	0.54548474	0.53467194
## 300	0.54502778	0.53040078
## 541	0.54494987	0.52747300
## 419	0.54494558	0.52737558
## 476	0.54467237	0.53093078
## 493	0.54464443	0.52953032
## 421	0.54463232	0.52481426
## 589	0.54455929	0.53086880
## 381	0.54453137	0.52976746
## 401	0.54440076	0.53376841
## 383	0.54437599	0.52933331
## 316	0.54351226	0.52866588
## 530	0.54347512	0.52818926
## 612	0.54297133	0.52972091
## 409	0.54260622	0.52491477
## 344	0.54239075	0.52832493
## 724	0.54226407	0.52678281
## 380	0.54223769	0.52782940
## 505	0.54201377	0.52835592
## 677	0.54196086	0.52784625
## 417	0.54185818	0.52564842
## 681	0.54179328	0.52464182
## 729	0.54154503	0.52546661
## 354	0.54114831	0.52282729
## 614	0.54109139	0.52553966
## 605	0.54096293	0.52763898
## 308	0.54048119	0.52600701
## 670	0.54035304	0.52488205
## 415	0.54034450	0.52549867
## 539	0.53962742	0.52276439
## 675	0.53946976	0.52392570
## 619	0.53945745	0.52409234
## 475	0.53927929	0.52353500
## 503	0.53848922	0.52315535
## 540	0.53847925	0.52219928
## 318	0.53617927	0.51768653
## 382	0.53580645	0.51779494
## 537	0.53532022	0.52141997
## 740	0.53527920	0.51968364
## 317	0.53497442	0.51858839
## 741	0.53434417	0.51731090

## 587	0.53394349	0.51835685
## 623	0.53311965	0.51645073
## 679	0.53257877	0.51613994
## 613	0.53165504	0.51444993
## 618	0.53132749	0.51451566
## 668	0.53087470	0.51678687
## 585	0.52896727	0.51426286
## 529	0.52888171	0.51181937
## 474	0.52757026	0.50981344
## 669	0.52748059	0.51023700
## 739	0.52743934	0.51135814
## 674	0.52533136	0.50796959
## 586	0.52525853	0.50790616
## 536	0.52479233	0.51025894
## 473	0.52432493	0.50962327
## 414	0.52350854	0.50559732
## 502	0.52300312	0.50571825
## 501	0.52064796	0.50557991
## 534	0.52045910	0.50368324
## 528	0.52027290	0.50670004
## 472	0.51991553	0.50514963
## 584	0.51969038	0.50495555
## 464	0.51618961	0.50118210
## 500	0.51330693	0.49842227
## 599	0.40088024	0.38842942
## 395	0.39672953	0.38639046
## 711	0.39569540	0.38535406
## 691	0.38847746	0.37579662
## 515	0.38495607	0.37069401
## 399	0.38031227	0.36888626
## 708	0.37980645	0.36701779
## 705	0.37921914	0.36651162
## 714	0.37842940	0.36645894
## 717	0.37508580	0.36564484
## 609	0.37452899	0.36489600
## 405	0.37383197	0.36551198
## 367	0.37184098	0.35898132
## 349	0.37148701	0.36152348
## 635	0.37148016	0.35805439
## 655	0.37132798	0.35921772
## 377	0.36944847	0.35880063
## 525	0.36695199	0.35520000
## 701	0.36676863	0.35650357
## 720	0.36674689	0.35690843
## 302	0.36445845	0.34967039
## 645	0.36418250	0.35303020
## 313	0.36376018	0.35179619
## 390	0.36268860	0.35211281
## 497	0.36245351	0.34901595
## 402	0.36245330	0.35248871
## 371	0.36157917	0.34803206
## 664	0.36041618	0.34942629
## 305	0.36018460	0.34611776
## 661	0.36012551	0.34834381

## 362	0.35951889	0.34783601
## 603	0.35812403	0.34593565
## 789	0.35735447	0.34474076
## 606	0.35729486	0.34543490
## 487	0.35580471	0.33917618
## 469	0.35572259	0.34094772
## 374	0.35564357	0.34463802
## 594	0.35560828	0.34263925
## 454	0.35461577	0.33997463
## 658	0.35317956	0.33910746
## 652	0.35161713	0.33791925
## 522	0.35110844	0.33676763
## 698	0.35015309	0.33693344
## 769	0.35006644	0.33556330
## 486	0.34984915	0.33640661
## 574	0.34869520	0.33302304
## 695	0.34814171	0.33525602
## 441	0.34791015	0.33610048
## 519	0.34785552	0.33371052
## 775	0.34704151	0.33495386
## 510	0.34605751	0.33083137
## 494	0.34552867	0.33073035
## 642	0.34519704	0.33226497
## 766	0.34503274	0.33308268
## 580	0.34405249	0.33031078
## 488	0.34205257	0.32945724
## 649	0.34173010	0.32721684
## 561	0.33929829	0.32589061
## 482	0.33867248	0.32262088
## 763	0.33817046	0.32458006
## 341	0.33802647	0.32425555
## 639	0.33762322	0.32388006
## 359	0.33691811	0.32524782
## 431	0.33664894	0.32305901
## 438	0.33626843	0.32437764
## 338	0.33551008	0.32205403
## 772	0.33540214	0.32325579
## 491	0.33436776	0.31828160
## 466	0.33379164	0.32012954
## 326	0.33226921	0.31764784
## 558	0.33161429	0.31634534
## 346	0.32902436	0.31861412
## 479	0.32893024	0.31543401
## 568	0.32840874	0.31253317
## 460	0.32822050	0.31595738
## 435	0.32788057	0.31371193
## 514	0.32539585	0.31179218
## 334	0.32529427	0.31110639
## 485	0.32498312	0.30966852
## 550	0.32373598	0.31003847
## 636	0.32207437	0.31225386
## 779	0.32198133	0.30655091
## 785	0.32132371	0.30812324
## 306	0.32064765	0.30866252

## 368	0.31983763	0.30902847
## 634	0.31925154	0.30781779
## 310	0.31846937	0.30434584
## 575	0.31775992	0.30526020
## 304	0.31723069	0.30558471
## 577	0.31668137	0.30258364
## 495	0.31566429	0.30389963
## 451	0.31548047	0.30176221
## 571	0.31513467	0.30005290
## 569	0.31464728	0.30140430
## 366	0.31378277	0.30310650
## 457	0.31360787	0.29792559
## 331	0.31340330	0.29579421
## 330	0.31333476	0.30029762
## 564	0.31252790	0.29720666
## 335	0.31247303	0.29610874
## 448	0.30968600	0.29687612
## 600	0.30955239	0.29980497
## 299	0.30859490	0.29605254
## 490	0.30851400	0.29469860
## 301	0.30812771	0.29421197
## 303	0.30806129	0.29345326
## 551	0.30748705	0.29143910
## 653	0.30743729	0.29704661
## 365	0.30695067	0.29386743
## 598	0.30525844	0.29392203
## 760	0.30510500	0.29112669
## 370	0.30501692	0.29377699
## 591	0.30492302	0.29334373
## 633	0.30465963	0.29199583
## 339	0.30349846	0.29197116
## 555	0.30220941	0.28640868
## 375	0.30181931	0.29341952
## 363	0.30118699	0.29157313
## 492	0.29963547	0.28632007
## 350	0.29934168	0.29124226
## 481	0.29931523	0.28526171
## 468	0.29911332	0.28594204
## 372	0.29806646	0.28696364
## 559	0.29770546	0.28489883
## 518	0.29754539	0.28407142
## 483	0.29735222	0.28468929
## 470	0.29724556	0.28575245
## 523	0.29698125	0.28563890
## 782	0.29693062	0.28366739
## 659	0.29663443	0.28659665
## 554	0.29663233	0.28169608
## 312	0.29662580	0.28516998
## 650	0.29560072	0.28406920
## 361	0.29528661	0.28540223
## 325	0.29503854	0.28239335
## 597	0.29381725	0.28131630
## 643	0.29380672	0.28393178
## 348	0.29347608	0.28477797

## 648	0.29030763	0.27759806
## 607	0.29019162	0.28154718
## 345	0.28996743	0.27972204
## 360	0.28899445	0.27675827
## 516	0.28879354	0.27692836
## 347	0.28871124	0.27777422
## 445	0.28845952	0.27317123
## 314	0.28578084	0.27492702
## 323	0.28514146	0.26778617
## 638	0.28223100	0.26987751
## 640	0.28217506	0.27119511
## 398	0.28191195	0.27088500
## 434	0.28160424	0.26852395
## 509	0.28158102	0.26730074
## 595	0.28020989	0.27095612
## 604	0.27925564	0.26953245
## 602	0.27905000	0.26771936
## 770	0.27833554	0.26689108
## 467	0.27807649	0.26348531
## 480	0.27784914	0.26213477
## 327	0.27755431	0.26391450
## 593	0.27723045	0.26574373
## 764	0.27632089	0.26542601
## 513	0.27570629	0.26123478
## 690	0.27558074	0.26355428
## 565	0.27547015	0.25826179
## 430	0.27214441	0.26116438
## 715	0.27175310	0.26203249
## 309	0.27165489	0.25850952
## 332	0.27141668	0.25419689
## 311	0.27119186	0.25789793
## 387	0.27008564	0.25886870
## 439	0.26900198	0.25861895
## 394	0.26892884	0.25876755
## 465	0.26861742	0.25400178
## 455	0.26809792	0.25572302
## 336	0.26784437	0.25318553
## 759	0.26734522	0.25423310
## 507	0.26689131	0.25350318
## 403	0.26502510	0.25705267
## 699	0.26463770	0.25473321
## 552	0.26461785	0.25280802
## 709	0.26424596	0.25417393
## 389	0.26341178	0.25331081
## 520	0.26205580	0.25048591
## 592	0.26172946	0.24924696
## 704	0.26109428	0.24860926
## 694	0.26052625	0.24807167
## 324	0.25942312	0.24423617
## 396	0.25793957	0.24837816
## 556	0.25707729	0.24375746
## 511	0.25670906	0.24551169
## 549	0.25580406	0.24090297
## 391	0.25539265	0.24662563

## 329	0.25412894	0.23736035
## 444	0.25103489	0.23752014
## 692	0.24991888	0.24090320
## 566	0.24969367	0.23540909
## 780	0.24711151	0.23529738
## 432	0.24651240	0.23366663
## 400	0.24649262	0.23672192
## 393	0.24576790	0.23358546
## 388	0.24109852	0.22988036
## 436	0.24010982	0.22755542
## 508	0.23944169	0.22486311
## 449	0.23881115	0.22808872
## 689	0.23650055	0.22450316
## 696	0.23474787	0.22517591
## 706	0.23145045	0.22114144
## 761	0.23017638	0.21935553
## 429	0.22940785	0.21639292
## 446	0.19455018	0.18165024
## 1559	0.69317848	0.67764130
## 1483	0.69029091	0.67377391
## 1077	0.68268628	0.66668668
## 1557	0.68087916	0.66227136
## 1288	0.67939250	0.66333169
## 1285	0.67862208	0.65942003
## 1287	0.67806909	0.66079030
## 1413	0.67742471	0.66075974
## 1538	0.67639626	0.65845799
## 1563	0.67631683	0.65856293
## 1549	0.67627625	0.65872911
## 1424	0.67580822	0.66001339
## 1554	0.67515882	0.65599547
## 868	0.67391618	0.65722821
## 1088	0.67382396	0.65926647
## 1558	0.67359104	0.65509194
## 1494	0.67355906	0.65736915
## 1298	0.67346297	0.65827541
## 1564	0.67306279	0.65533904
## 1078	0.67072015	0.65478199
## 1414	0.67009989	0.65388061
## 1484	0.66922636	0.65301830
## 1539	0.66758160	0.65003943
## 1555	0.66710931	0.64774863
## 1083	0.66673185	0.64899230
## 1067	0.66661838	0.64845824
## 1561	0.66657869	0.64762133
## 1282	0.66584686	0.64554449
## 1075	0.66576885	0.64738226
## 1218	0.66547154	0.64825516
## 961	0.66515502	0.64863917
## 952	0.66467475	0.64798710
## 1008	0.66460190	0.64798497
## 1162	0.66441138	0.64694147
## 877	0.66387200	0.64797535
## 1481	0.66384035	0.64429792

## 1547	0.66371236	0.64273577
## 1017	0.66371045	0.64686253
## 1086	0.66369575	0.64589714
## 1473	0.66353331	0.64468636
## 1552	0.66340870	0.64384859
## 1536	0.66317340	0.64196296
## 1422	0.66311227	0.64406585
## 1411	0.66292345	0.64361073
## 1403	0.66157151	0.64279558
## 1277	0.66151422	0.64195482
## 1544	0.66148964	0.64013529
## 1353	0.66118602	0.64353944
## 1296	0.66067276	0.64071614
## 1492	0.66056451	0.64122415
## 1058	0.66037240	0.64212629
## 1171	0.66012903	0.64241905
## 1419	0.66005926	0.64020275
## 1227	0.65974573	0.64143186
## 1293	0.65960117	0.63945339
## 1489	0.65954918	0.63993851
## 1072	0.65893915	0.63969518
## 1268	0.65778673	0.63937299
## 1408	0.65691803	0.63654872
## 1478	0.65665891	0.63603504
## 1344	0.65635851	0.63895702
## 1562	0.65573232	0.63652144
## 1493	0.65537543	0.63647455
## 1548	0.65501107	0.63403492
## 1068	0.65487531	0.63686239
## 1278	0.65484140	0.63625507
## 1018	0.65415964	0.63801165
## 1533	0.65400097	0.63169664
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## 1394	0.65344759	0.63487302
## 878	0.65343993	0.63738405
## 1087	0.65321049	0.63474934
## 1228	0.65296332	0.63619595
## 962	0.65294218	0.63611962
## 1084	0.65291603	0.63402650
## 1464	0.65279599	0.63416970
## 1297	0.65255784	0.63240087
## 1545	0.65176935	0.63005861
## 1474	0.65158194	0.63343678
## 1404	0.65149216	0.63300432
## 1172	0.65135857	0.63373529
## 1490	0.65116926	0.63140528
## 1354	0.65070600	0.63370328
## 1294	0.65054612	0.62990808
## 1420	0.64995547	0.62953145
## 1081	0.64950443	0.63056442
## 863	0.64803802	0.62885342
## 1275	0.64785823	0.62529089
## 1065	0.64760818	0.62663569
## 1015	0.64654846	0.62752461

## 1542	0.64627370	0.62403168
## 1225	0.64571472	0.62495187
## 959	0.64564102	0.62643945
## 1417	0.64551080	0.62511378
## 875	0.64544038	0.62544863
## 1487	0.64523285	0.62486287
## 836	0.64475095	0.62725077
## 1169	0.64467405	0.62373955
## 1401	0.64437698	0.62234014
## 1471	0.64435844	0.62183806
## 1291	0.64432627	0.62299033
## 947	0.64428890	0.62520439
## 1062	0.64415762	0.62257599
## 1003	0.64412480	0.62530149
## 808	0.64383958	0.62560603
## 872	0.64345584	0.62306330
## 1351	0.64344472	0.62324213
## 1012	0.64261185	0.62283531
## 920	0.64258361	0.62489972
## 956	0.64215889	0.62187439
## 1272	0.64121886	0.61767060
## 1222	0.63831684	0.61656708
## 1157	0.63800738	0.61785111
## 1398	0.63799636	0.61488056
## 1213	0.63792822	0.61817150
## 1468	0.63791627	0.61442162
## 1166	0.63726941	0.61490750
## 1348	0.63646970	0.61483003
## 1252	0.63495974	0.62150033
## 1339	0.63495664	0.61512962
## 1130	0.63472596	0.61576848
## 1524	0.63461283	0.62350429
## 1519	0.63165319	0.61937100
## 1328	0.62998720	0.61673990
## 1042	0.62997801	0.61848960
## 1378	0.62802024	0.61561581
## 1503	0.62798201	0.61548969
## 1522	0.62685735	0.61445370
## 1326	0.62475609	0.61037817
## 1581	0.62445555	0.61154878
## 1454	0.62398860	0.61197401
## 902	0.62301903	0.60964921
## 1196	0.62301869	0.60822122
## 1321	0.62096936	0.60699242
## 1583	0.62055225	0.60853839
## 1584	0.61945717	0.60739472
## 1118	0.61942719	0.60826617
## 1574	0.61807268	0.60598335
## 1327	0.61774544	0.60424701
## 986	0.61752204	0.60524241
## 1323	0.61460476	0.59995027
## 1307	0.61447286	0.59972195
## 1197	0.61439087	0.60055533
## 1194	0.61433790	0.59984537

## 819	0.61429099	0.60041482
## 1452	0.61418797	0.60084259
## 900	0.61347007	0.60017556
## 1449	0.61285994	0.59921222
## 1250	0.61269155	0.59834444
## 1433	0.61239079	0.59887990
## 1113	0.61236445	0.60046439
## 1585	0.61219322	0.60130874
## 1116	0.61164639	0.59950897
## 1305	0.61008662	0.59520207
## 1097	0.60964145	0.59727700
## 1572	0.60934443	0.59590888
## 903	0.60912748	0.59668675
## 847	0.60891271	0.59569091
## 1576	0.60856546	0.59498842
## 1253	0.60833855	0.59514894
## 1578	0.60697416	0.59485193
## 1120	0.60651877	0.59581463
## 1141	0.60495357	0.59028706
## 1514	0.60482759	0.59316032
## 1318	0.60450267	0.59099885
## 1569	0.60417714	0.59052809
## 1122	0.60352103	0.59409738
## 1191	0.60318338	0.58769349
## 1324	0.60308907	0.58896939
## 1509	0.60295223	0.58963292
## 1108	0.60207317	0.59062823
## 1444	0.60179266	0.58962323
## 1579	0.60169684	0.58941965
## 1308	0.60159150	0.58761903
## 1456	0.60159049	0.58866214
## 1177	0.60071270	0.58529911
## 1482	0.60052405	0.58834421
## 1537	0.60040317	0.58863541
## 1528	0.60013255	0.58908275
## 897	0.59971149	0.58578246
## 883	0.59958081	0.58524311
## 1458	0.59945779	0.58762989
## 1332	0.59941701	0.58615130
## 1103	0.59920773	0.58712647
## 1032	0.59915469	0.58650906
## 1330	0.59892854	0.58415411
## 1526	0.59883356	0.58594599
## 1242	0.59874797	0.58397351
## 1247	0.59785971	0.58284196
## 1368	0.59764397	0.58425686
## 1512	0.59747459	0.58392450
## 892	0.59740602	0.58338566
## 1233	0.59699022	0.58220230
## 1316	0.59626373	0.58103181
## 1006	0.59515125	0.58290023
## 976	0.59465744	0.58178546
## 1106	0.59442941	0.58172540
## 1313	0.59436876	0.57913259

## 1186	0.59421906	0.57880891
## 1048	0.59395483	0.58299494
## 1439	0.59342943	0.57942855
## 1442	0.59294097	0.57925248
## 908	0.59217148	0.57911312
## 997	0.59208797	0.58094142
## 992	0.59208488	0.58033872
## 1207	0.59206462	0.57828110
## 1389	0.59188361	0.58014145
## 1459	0.59185616	0.58026243
## 1123	0.59152394	0.58132135
## 1053	0.59136603	0.58047736
## 1263	0.59127510	0.57807355
## 1529	0.59120378	0.57955886
## 1333	0.59114647	0.57749597
## 913	0.59113221	0.57902314
## 1462	0.59107445	0.57847177
## 1066	0.59076019	0.57741600
## 1302	0.59048656	0.57473929
## 1582	0.59018149	0.57845868
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## 987	0.58906895	0.57808958
## 1453	0.58847623	0.57623539
## 1056	0.58780608	0.57490074
## 1546	0.58699583	0.57301122
## 1111	0.58688673	0.57537496
## 1379	0.58681633	0.57483710
## 1384	0.58665484	0.57329837
## 1472	0.58648865	0.57417510
## 1258	0.58624859	0.57161469
## 931	0.58600837	0.57403162
## 1447	0.58520301	0.57218242
## 1560	0.58515980	0.56940551
## 984	0.58506790	0.57295627
## 1202	0.58465544	0.56894940
## 828	0.58463511	0.57027273
## 940	0.58462248	0.57223949
## 1450	0.58447627	0.57171513
## 995	0.58444972	0.57251648
## 1402	0.58441309	0.57199356
## 1434	0.58438639	0.57185036
## 960	0.58434766	0.57069383
## 1491	0.58433615	0.57042113
## 1488	0.58423528	0.56887056
## 856	0.58415429	0.57043826
## 911	0.58414382	0.57032375
## 1051	0.58406323	0.57210037
## 1517	0.58406002	0.57138086
## 1276	0.58395692	0.57095641
## 1543	0.58367360	0.56819162
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## 1352	0.58327193	0.57099069
## 1205	0.58324111	0.56796813
## 1387	0.58315472	0.56987229

## 1523	0.58312572	0.57109453
## 1311	0.58301726	0.56768324
## 1376	0.58290099	0.56971679
## 1534	0.58278276	0.56971989
## 1150	0.58271820	0.56756301
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## 1261	0.58244624	0.56731767
## 967	0.58241832	0.56971590
## 1412	0.58160771	0.56877982
## 1085	0.58156557	0.56562631
## 1535	0.58133820	0.56705908
## 1479	0.58117104	0.56671643
## 1117	0.58090526	0.56965316
## 1431	0.58080713	0.56700035
## 1342	0.58051124	0.56721964
## 1043	0.58043946	0.57008306
## 876	0.58031080	0.56626510
## 1573	0.57987398	0.56723741
## 1567	0.57972980	0.56626692
## 1040	0.57965230	0.56753867
## 1421	0.57912367	0.56444466
## 1317	0.57885671	0.56442167
## 1082	0.57853859	0.55931138
## 1076	0.57839232	0.56383744
## 1295	0.57832753	0.56334946
## 1373	0.57762916	0.56368441
## 1556	0.57762588	0.56328070
## 1010	0.57746458	0.56086368
## 1359	0.57732859	0.56355395
## 1216	0.57713668	0.56298631
## 1393	0.57693686	0.56406256
## 1057	0.57684470	0.56147459
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## 1476	0.57626948	0.56038008
## 1001	0.57617055	0.56345629
## 1392	0.57606520	0.56337187
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## 1520	0.57586258	0.56340327
## 942	0.57577717	0.56176493
## 893	0.57577210	0.56298369
## 1418	0.57574113	0.55944977
## 1079	0.57474401	0.55772871
## 1095	0.57474044	0.56201361
## 1023	0.57461013	0.56225081
## 890	0.57459105	0.55987138
## 1013	0.57450185	0.56044968
## 1428	0.57428338	0.55983786
## 918	0.57425639	0.56172703
## 1063	0.57422997	0.56020320
## 1037	0.57415385	0.56182198
## 834	0.57405187	0.56101251
## 950	0.57382513	0.56031942
## 1187	0.57360054	0.55908506

## 1098	0.57313189	0.56188833
## 1114	0.57312178	0.56193389
## 945	0.57290188	0.55996849
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## 1243	0.57221589	0.55829601
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## 1055	0.57153092	0.55714898
## 1060	0.57121399	0.55451793
## 861	0.57095270	0.55728020
## 814	0.57034580	0.55547598
## 1284	0.56987451	0.55460820
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## 1101	0.56962745	0.55746900
## 1570	0.56932174	0.55630626
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## 1540	0.56856343	0.55331309
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## 1498	0.56678965	0.55242873
## 1256	0.56654970	0.55124371
## 906	0.56646922	0.55348634
## 1469	0.56628116	0.55139736
## 951	0.56623603	0.55091679
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## 954	0.56620723	0.54872048
## 873	0.56585480	0.55085929
## 1391	0.56582024	0.55107560
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## 1273	0.56379854	0.54921515
## 1073	0.56379482	0.54949004
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## 1443	0.56332455	0.55085923

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## 1274	0.56269899	0.54697974
## 1136	0.56262605	0.54644579
## 977	0.56262123	0.55134922
## 1290	0.56232508	0.54498615
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## 1080	0.56151073	0.54213429
## 865	0.56149429	0.54634334
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## 807	0.56105039	0.54548770
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## 857	0.56009214	0.54790006
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## 1369	0.56001069	0.54748973
## 958	0.55998456	0.54287411
## 1061	0.55963686	0.54009237
## 1007	0.55953310	0.54397504
## 1002	0.55950685	0.54424025
## 1033	0.55943498	0.54864878
## 867	0.55916095	0.54213760
## 1530	0.55909153	0.54390270
## 1104	0.55907317	0.54776883
## 974	0.55905725	0.54627907
## 1283	0.55902590	0.54429841
## 1289	0.55898107	0.54265884
## 990	0.55891472	0.54793724
## 1128	0.55885200	0.54478385
## 1168	0.55882751	0.54269967
## 866	0.55858169	0.54317871
## 1220	0.55842394	0.54230634
## 1346	0.55836919	0.54234994
## 1415	0.55834399	0.54233845
## 854	0.55820587	0.54373840
## 1054	0.55819484	0.54081005
## 1480	0.55815539	0.54245386

## 1224	0.55787107	0.54239305
## 1151	0.55784364	0.54340347
## 1390	0.55783993	0.54162898
## 1215	0.55764604	0.54199757
## 1030	0.55752871	0.54431396
## 909	0.55740972	0.54524815
## 870	0.55721776	0.53923128
## 1014	0.55718778	0.54075432
## 1206	0.55711008	0.54311506
## 1259	0.55703227	0.54270155
## 919	0.55702432	0.54201529
## 835	0.55695280	0.54160949
## 1343	0.55685437	0.54272330
## 869	0.55674455	0.53845288
## 971	0.55673091	0.54380492
## 1366	0.55672046	0.54251116
## 912	0.55665023	0.54397364
## 1510	0.55655648	0.54358071
## 926	0.55646546	0.54352197
## 955	0.55635022	0.53620335
## 1396	0.55626950	0.54024984
## 1148	0.55626199	0.54032307
## 1167	0.55621433	0.54105101
## 1159	0.55620121	0.54045302
## 1074	0.55601466	0.53935412
## 1059	0.55583310	0.53835803
## 1550	0.55569173	0.54014409
## 1217	0.55557819	0.54104506
## 829	0.55555947	0.54262802
## 949	0.55504825	0.53918397
## 1416	0.55477437	0.53766587
## 1382	0.55468170	0.54126646
## 1155	0.55452952	0.54039029
## 871	0.55447275	0.53406830
## 1388	0.55445973	0.54225138
## 1052	0.55443890	0.54346683
## 1407	0.55416632	0.53678651
## 1270	0.55407541	0.53811574
## 860	0.55376777	0.53815887
## 1486	0.55367239	0.53685983
## 1070	0.55363503	0.53631033
## 1397	0.55351334	0.53582561
## 1203	0.55341641	0.53866284
## 1005	0.55324383	0.53749524
## 1350	0.55309763	0.53740395
## 1027	0.55296071	0.53999079
## 1406	0.55279329	0.53663883
## 1271	0.55276867	0.53507979
## 801	0.55263224	0.53799497
## 941	0.55260022	0.54176136
## 826	0.55246594	0.53833086
## 1551	0.55208379	0.53536652
## 851	0.55179070	0.53768495
## 1156	0.55170679	0.53730510

## 944	0.55168566	0.53578812
## 993	0.55127530	0.54076087
## 805	0.55118346	0.53514920
## 996	0.55110037	0.54064315
## 1049	0.55109522	0.54073580
## 1011	0.55090814	0.53122580
## 1467	0.55071615	0.53326197
## 1363	0.55062139	0.53563643
## 1338	0.55045261	0.53647475
## 1000	0.55041409	0.53458208
## 1264	0.55031770	0.53430882
## 1165	0.55015041	0.53184406
## 1385	0.55013491	0.53732584
## 823	0.54984161	0.53538948
## 833	0.54980694	0.53427228
## 948	0.54971415	0.53136963
## 1160	0.54953381	0.53446353
## 1152	0.54919314	0.53514514
## 953	0.54908882	0.53117784
## 1281	0.54887138	0.53140861
## 938	0.54882578	0.53642738
## 1279	0.54876271	0.53218194
## 1009	0.54864168	0.53094103
## 1334	0.54810421	0.53391400
## 1460	0.54784579	0.53099199
## 1212	0.54776264	0.53357002
## 802	0.54739367	0.53227467
## 1164	0.54735725	0.53048875
## 1477	0.54706406	0.52924863
## 1129	0.54661909	0.53225140
## 1347	0.54648188	0.52876501
## 1145	0.54626129	0.52942606
## 943	0.54616723	0.52757659
## 917	0.54610891	0.53038157
## 1221	0.54598270	0.52834541
## 1341	0.54584407	0.52967858
## 914	0.54565255	0.53093234
## 935	0.54541050	0.53277421
## 794	0.54449108	0.52955957
## 1069	0.54434839	0.52672201
## 804	0.54422015	0.52506888
## 1004	0.54420068	0.52523894
## 859	0.54391602	0.52522856
## 1269	0.54377195	0.52679733
## 830	0.54331267	0.52804400
## 1158	0.54324611	0.52568241
## 1071	0.54320836	0.52316049
## 1154	0.54219686	0.52612202
## 1210	0.54206638	0.52606641
## 999	0.54192998	0.52316710
## 916	0.54122014	0.52264115
## 1395	0.54046399	0.52386534
## 864	0.54034371	0.52161771
## 1465	0.54001743	0.52306159

## 832	0.53996938	0.52128084
## 1125	0.53988465	0.52446750
## 1336	0.53969217	0.52350090
## 1163	0.53918081	0.52208025
## 1340	0.53910823	0.52141435
## 1475	0.53905805	0.52206328
## 1219	0.53905248	0.52208220
## 1214	0.53859137	0.52090293
## 1208	0.53856882	0.52389864
## 1405	0.53798502	0.52152901
## 1127	0.53796508	0.52201475
## 1280	0.53773041	0.52127995
## 1345	0.53301658	0.51616934
## 1153	0.53122604	0.51317019
## 1335	0.53010242	0.51215116
## 1209	0.52768087	0.50966461
## 1126	0.52674976	0.50875374
## 1124	0.51898838	0.50342747
## 929	0.41842590	0.40678743
## 1035	0.41688734	0.40207265
## 1377	0.41556658	0.40401693
## 1357	0.41010109	0.39646137
## 845	0.40933399	0.39581887
## 1139	0.40911786	0.39367555
## 1515	0.40785934	0.39424446
## 1044	0.40748826	0.39458933
## 1502	0.40713797	0.39536775
## 1021	0.40704335	0.39509815
## 1251	0.40474955	0.39137646
## 1041	0.40439854	0.39394963
## 1518	0.40365884	0.39163820
## 1371	0.40227150	0.38837690
## 1525	0.40161729	0.39067644
## 1374	0.39933606	0.38586981
## 1432	0.39883673	0.38631840
## 965	0.39807044	0.38470390
## 1047	0.39517762	0.38307017
## 1038	0.39471964	0.38233804
## 1521	0.39429734	0.38217706
## 817	0.39354448	0.37680822
## 1231	0.39328603	0.37780971
## 1248	0.39181733	0.37659349
## 1499	0.39086267	0.37668388
## 1496	0.38866452	0.37452715
## 1195	0.38731612	0.37180230
## 933	0.38715778	0.37400478
## 985	0.38466528	0.37128073
## 1245	0.38396348	0.36852565
## 796	0.38359603	0.36946325
## 809	0.38273369	0.36751423
## 988	0.38188851	0.36678403
## 1383	0.38151275	0.37033179
## 1455	0.37995664	0.36673588
## 904	0.37995646	0.36285234

## 939	0.37995368	0.36974917
## 1175	0.37992955	0.36351921
## 1575	0.37989396	0.36614965
## 1429	0.37899065	0.36508369
## 1329	0.37883127	0.36385290
## 991	0.37873567	0.36378644
## 849	0.37836444	0.36313003
## 1025	0.37826541	0.36427083
## 1254	0.37808248	0.36294813
## 1380	0.37787065	0.36448777
## 1099	0.37703065	0.36125543
## 1505	0.37673926	0.36234270
## 1119	0.37666342	0.36031147
## 818	0.37616449	0.36112339
## 816	0.37455763	0.36084969
## 979	0.37431570	0.35818505
## 1192	0.37422027	0.35810329
## 855	0.37352200	0.36135304
## 1508	0.37349840	0.36166582
## 1257	0.37310469	0.35991243
## 1149	0.37307225	0.35946271
## 1367	0.37265028	0.36090586
## 1386	0.37249908	0.36152262
## 827	0.37241497	0.35790615
## 1451	0.37238077	0.35902350
## 1031	0.37233978	0.36157359
## 1050	0.37177062	0.36138085
## 975	0.37157706	0.35939932
## 982	0.37054424	0.35690865
## 799	0.37034086	0.35638117
## 1426	0.37013186	0.35538778
## 1448	0.36985342	0.35584787
## 936	0.36955990	0.35832736
## 924	0.36940844	0.35723370
## 1174	0.36818926	0.35440152
## 994	0.36736612	0.35530572
## 1193	0.36688070	0.35346695
## 1260	0.36636257	0.35279264
## 1511	0.36553965	0.35324107
## 1241	0.36529559	0.35128906
## 969	0.36494636	0.35002495
## 1438	0.36492511	0.35189257
## 821	0.36391932	0.34660695
## 1204	0.36386880	0.34939450
## 1441	0.36369387	0.35129492
## 1185	0.36364157	0.34872042
## 1176	0.36291977	0.35010040
## 815	0.36247992	0.34513496
## 852	0.36208658	0.34829257
## 1138	0.36202384	0.34807923
## 1201	0.36175286	0.34628234
## 840	0.36172023	0.34742949
## 1565	0.36134229	0.34594671
## 1571	0.36092350	0.34739537

## 1028	0.36070086	0.34812024
## 1198	0.36047136	0.34394646
## 812	0.35994561	0.34445345
## 1445	0.35969491	0.34386135
## 1435	0.35968701	0.34465795
## 824	0.35946662	0.34492212
## 1140	0.35903948	0.34620387
## 1096	0.35899209	0.34467442
## 1303	0.35894172	0.34329023
## 972	0.35786704	0.34534922
## 1189	0.35745233	0.33991328
## 1309	0.35641766	0.33961990
## 1361	0.35599422	0.34155744
## 1143	0.35598476	0.33994440
## 1146	0.35593848	0.34026752
## 1580	0.35549648	0.34079772
## 1364	0.35528300	0.34113285
## 1306	0.35480422	0.33987820
## 1319	0.35430617	0.33694977
## 1188	0.35396865	0.33876325
## 1134	0.35359144	0.33678214
## 1109	0.35271125	0.33585569
## 1102	0.35192717	0.33579071
## 1315	0.35141714	0.33638129
## 891	0.35141199	0.33633842
## 881	0.35128697	0.33414645
## 1325	0.35084855	0.33501863
## 1105	0.35065846	0.33722510
## 1093	0.34989074	0.33651107
## 894	0.34947269	0.33207738
## 910	0.34927744	0.33425222
## 1238	0.34923447	0.33259493
## 966	0.34739934	0.33560136
## 1190	0.34716475	0.33202343
## 1182	0.34600841	0.32980862
## 1235	0.34598001	0.32950097
## 844	0.34560708	0.33224070
## 921	0.34540854	0.33370425
## 1173	0.34492661	0.32932284
## 1131	0.34415578	0.32987970
## 898	0.34339692	0.32780234
## 1568	0.34286323	0.32915577
## 1137	0.34234776	0.32683785
## 1304	0.34228717	0.32869329
## 888	0.34227261	0.32738734
## 1244	0.34174134	0.32689084
## 880	0.34081761	0.32712737
## 964	0.34081406	0.32914153
## 1299	0.33957681	0.32422157
## 1249	0.33895376	0.32592289
## 1230	0.33892902	0.32433290
## 1320	0.33874436	0.32389229
## 901	0.33837064	0.32052375
## 905	0.33809635	0.32294406

## 907	0.33765228	0.31925633
## 1312	0.33716786	0.32186028
## 820	0.33677148	0.32214066
## 1179	0.33657645	0.31925245
## 1430	0.33556098	0.32446814
## 930	0.33517520	0.32492740
## 1090	0.33516278	0.31903404
## 963	0.33473337	0.32053154
## 885	0.33150849	0.31410438
## 837	0.33067144	0.31536288
## 846	0.32939850	0.31539147
## 928	0.32918267	0.31809935
## 1358	0.32840635	0.31792416
## 1199	0.32767732	0.31440627
## 927	0.32740112	0.31372404
## 848	0.32705985	0.31275150
## 1115	0.32612431	0.31149327
## 884	0.32519919	0.30924454
## 825	0.32468803	0.31233187
## 899	0.32458338	0.31021758
## 1427	0.32446653	0.31223648
## 1356	0.32384218	0.31158352
## 983	0.32198844	0.31059121
## 978	0.32104036	0.30727022
## 1425	0.31937464	0.30630465
## 822	0.31908780	0.30348946
## 813	0.31844462	0.30452614
## 800	0.31842932	0.30582456
## 1310	0.31835349	0.30409960
## 1375	0.31825213	0.30757633
## 1255	0.31768209	0.30506862
## 980	0.31765618	0.30354802
## 843	0.31657972	0.29990622
## 1300	0.31583507	0.29911302
## 1112	0.31569460	0.29817350
## 989	0.31501282	0.30304301
## 811	0.31496633	0.30135541
## 798	0.31495490	0.30225849
## 1322	0.31494862	0.29818945
## 1183	0.31351301	0.29987440
## 1147	0.31349238	0.30101081
## 1355	0.31174943	0.29835323
## 895	0.31117258	0.29191857
## 1372	0.30962882	0.29768719
## 1446	0.30958179	0.29747429
## 882	0.30876480	0.29162361
## 968	0.30743489	0.29454333
## 1178	0.30660257	0.29107601
## 797	0.30643767	0.29111264
## 1142	0.30641436	0.29176746
## 795	0.30629051	0.29175207
## 810	0.30586548	0.28932111
## 932	0.30576183	0.29406241
## 1370	0.30569920	0.29287866

## 853	0.30447484	0.29260976
## 889	0.30435098	0.29083808
## 1232	0.30434120	0.29182090
## 973	0.30283856	0.29245570
## 937	0.30034934	0.29135103
## 1436	0.30028522	0.28871569
## 970	0.29951490	0.28649063
## 925	0.29906182	0.28890492
## 934	0.29798899	0.28644589
## 1180	0.29772782	0.28257259
## 1144	0.29743421	0.28360125
## 1246	0.29737143	0.28345212
## 1133	0.29698083	0.28183693
## 1234	0.29614094	0.28064700
## 1239	0.29611779	0.28269088
## 1381	0.29601362	0.28556600
## 1135	0.29521331	0.28192111
## 1089	0.29499473	0.28044514
## 839	0.29495630	0.28123675
## 1100	0.29474125	0.28087034
## 1034	0.29342815	0.27986242
## 923	0.29312844	0.28228944
## 1020	0.29192241	0.28031537
## 1045	0.29147142	0.27997282
## 1365	0.29145704	0.28090706
## 1566	0.29123946	0.27884860
## 879	0.29068734	0.27334765
## 1229	0.29025556	0.27487587
## 1500	0.28957676	0.27842116
## 922	0.28778233	0.27479181
## 1301	0.28670897	0.27221782
## 1024	0.28658294	0.27356868
## 1495	0.28497966	0.27168916
## 841	0.28456038	0.27158135
## 1094	0.28348022	0.27148383
## 850	0.28340013	0.26942031
## 1022	0.28163394	0.27053904
## 1360	0.28026723	0.26709446
## 1362	0.27995334	0.26840944
## 1506	0.27968234	0.26826707
## 1516	0.27872080	0.26699692
## 886	0.27606584	0.25968332
## 1132	0.27583983	0.25926461
## 1039	0.27495152	0.26478185
## 896	0.27421030	0.25577358
## 1029	0.27130062	0.26098165
## 838	0.26961185	0.25412446
## 1019	0.26836882	0.25484890
## 1110	0.26612392	0.25164038
## 1236	0.26192599	0.24834735
## 1497	0.25732017	0.24615003
## 1036	0.25549828	0.24283561
## 1026	0.25293249	0.24117374
## 1091	0.24786278	0.23345066

## 2455	0.70187365	0.68581293
## 2273	0.69671450	0.67981401
## 1945	0.69495754	0.67844579
## 2021	0.69451537	0.67839640
## 2491	0.69437046	0.67679796
## 2501	0.69374407	0.67565660
## 2399	0.69347766	0.67727237
## 2500	0.69260789	0.67424414
## 2197	0.69201032	0.67398192
## 2453	0.69008062	0.67128934
## 2450	0.68996087	0.67083859
## 2272	0.68970509	0.67085001
## 2434	0.68935985	0.67095516
## 2323	0.68930403	0.67217012
## 1749	0.68737710	0.67007502
## 2271	0.68673903	0.66711997
## 1750	0.68571482	0.66911969
## 2498	0.68560445	0.66653972
## 1875	0.68423539	0.66751505
## 2000	0.68381296	0.66570572
## 2019	0.68375249	0.66555856
## 1747	0.68286532	0.66417999
## 2128	0.68268884	0.66559173
## 2198	0.68237238	0.66553838
## 2016	0.68219707	0.66370353
## 2266	0.68160291	0.66179342
## 2489	0.68158356	0.66080856
## 2502	0.68137659	0.66321330
## 2269	0.68059394	0.66082938
## 2397	0.68053009	0.66139154
## 2127	0.68022766	0.66202379
## 2195	0.67954789	0.65971241
## 1680	0.67942190	0.66214794
## 2253	0.67940833	0.66129134
## 2025	0.67912396	0.66131350
## 1624	0.67881123	0.66119390
## 2268	0.67842423	0.65816831
## 2125	0.67833178	0.65856979
## 2252	0.67825173	0.65875475
## 2250	0.67811639	0.65671087
## 2378	0.67790524	0.65929208
## 2495	0.67748727	0.65709276
## 2403	0.67674511	0.65780244
## 2394	0.67661776	0.65687194
## 2499	0.67628501	0.65723267
## 2011	0.67623683	0.65788402
## 2389	0.67616455	0.65785868
## 2486	0.67598272	0.65460062
## 1886	0.67575673	0.65912383
## 2277	0.67566557	0.65629181
## 2445	0.67538834	0.65707646
## 2496	0.67525491	0.65494706
## 2459	0.67523799	0.65662632
## 2263	0.67522293	0.65586675

## 2404	0.67515199	0.65672768
## 2334	0.67486046	0.65789807
## 2138	0.67475392	0.65752015
## 2490	0.67465892	0.65393185
## 1876	0.67433643	0.65769638
## 2020	0.67431636	0.65579139
## 2454	0.67395966	0.65495495
## 2398	0.67393129	0.65503710
## 1730	0.67386814	0.65502230
## 1744	0.67371602	0.65403819
## 1946	0.67348313	0.65701447
## 1956	0.67346106	0.65652254
## 2023	0.67312689	0.65496798
## 1760	0.67310187	0.65684930
## 2026	0.67301463	0.65504504
## 2208	0.67261849	0.65492985
## 2460	0.67251541	0.65392312
## 2278	0.67240237	0.65298736
## 2001	0.67225211	0.65406633
## 2324	0.67097998	0.65407535
## 2379	0.67089209	0.65268175
## 2401	0.67029978	0.65082346
## 2395	0.66990953	0.65009424
## 2017	0.66972299	0.65043716
## 2014	0.66966813	0.65076886
## 2192	0.66931821	0.64830831
## 2435	0.66923083	0.65099581
## 2122	0.66902029	0.64799903
## 2451	0.66899406	0.64898329
## 2493	0.66882964	0.64734739
## 2487	0.66837072	0.64673953
## 2058	0.66793377	0.64970557
## 2006	0.66769577	0.64718380
## 1943	0.66769307	0.64868745
## 1873	0.66709990	0.64833147
## 1806	0.66697413	0.64967949
## 1998	0.66676227	0.64612178
## 1935	0.66651659	0.64744401
## 1881	0.66618049	0.64706314
## 1951	0.66601866	0.64723857
## 2009	0.66579895	0.64524381
## 1865	0.66578766	0.64677177
## 1755	0.66577062	0.64634856
## 1739	0.66563925	0.64575790
## 2275	0.66559461	0.64500645
## 2247	0.66555371	0.64290811
## 2457	0.66550359	0.64565510
## 1856	0.66538325	0.64660440
## 2448	0.66482032	0.64463826
## 1884	0.66472934	0.64601256
## 1815	0.66452257	0.64681139
## 2178	0.66438535	0.64512027
## 1926	0.66431509	0.64556650
## 1633	0.66404306	0.64606755

## 2484	0.66404011	0.64216167
## 2108	0.66383392	0.64440496
## 2313	0.66380421	0.64421838
## 1870	0.66370330	0.64401481
## 2432	0.66364350	0.64153725
## 2387	0.66364236	0.64207553
## 2321	0.66359418	0.64367263
## 1940	0.66355096	0.64356918
## 2376	0.66337991	0.64179274
## 2443	0.66323130	0.64131977
## 2392	0.66320614	0.64324282
## 2440	0.66305001	0.64091483
## 1758	0.66277406	0.64324118
## 1689	0.66274804	0.64441557
## 2261	0.66273845	0.64021117
## 1954	0.66267845	0.64378752
## 2187	0.66242157	0.64161742
## 2332	0.66225656	0.64242442
## 2136	0.66199019	0.64154064
## 2117	0.66048043	0.63985768
## 2384	0.66044021	0.63837560
## 2067	0.66043608	0.64126518
## 2258	0.66038357	0.63743372
## 2329	0.66030784	0.63986124
## 1995	0.66017571	0.63859995
## 2206	0.65956128	0.63885851
## 2203	0.65911010	0.63819522
## 2133	0.65899952	0.63770470
## 2318	0.65839994	0.63729109
## 2458	0.65821410	0.63857926
## 2024	0.65818811	0.63913177
## 2402	0.65790761	0.63807195
## 2494	0.65789221	0.63628808
## 2262	0.65741835	0.63531854
## 2373	0.65732983	0.63466449
## 1740	0.65731116	0.63810417
## 2207	0.65712462	0.63699483
## 2429	0.65627322	0.63305120
## 2276	0.65588121	0.63503430
## 2304	0.65573138	0.63629648
## 1690	0.65550195	0.63807138
## 1955	0.65541339	0.63633686
## 2010	0.65526629	0.63427402
## 2444	0.65503482	0.63322602
## 2137	0.65478284	0.63424711
## 2333	0.65457327	0.63500727
## 2388	0.65446539	0.63294975
## 2188	0.65402577	0.63474060
## 1936	0.65396327	0.63524648
## 2007	0.65389249	0.63238214
## 2259	0.65389159	0.63099955
## 2118	0.65373675	0.63394034
## 1866	0.65372212	0.63468776
## 1885	0.65370527	0.63437974

## 1634	0.65352800	0.63528377
## 1952	0.65306124	0.63332703
## 1816	0.65300538	0.63545408
## 1756	0.65298041	0.63246136
## 1759	0.65290959	0.63273359
## 2204	0.65229072	0.63132691
## 1882	0.65201887	0.63168867
## 2068	0.65181907	0.63357973
## 2004	0.65155851	0.63012366
## 2441	0.65087361	0.62824693
## 2385	0.65060547	0.62817838
## 1879	0.65056151	0.63085689
## 2314	0.65050208	0.63126852
## 1737	0.65046261	0.62838135
## 2134	0.65036998	0.62857627
## 1949	0.65029310	0.63065126
## 1753	0.65009334	0.62950987
## 2330	0.65000389	0.62914401
## 2256	0.64997185	0.62665824
## 1687	0.64811173	0.62780744
## 2131	0.64802838	0.62658572
## 2115	0.64792213	0.62492223
## 2185	0.64761397	0.62415203
## 2201	0.64744374	0.62587512
## 1734	0.64687459	0.62413942
## 1675	0.64686823	0.62688657
## 1619	0.64686629	0.62647777
## 1933	0.64675498	0.62474194
## 1631	0.64669810	0.62614723
## 1863	0.64664138	0.62505499
## 2382	0.64602984	0.62344386
## 2065	0.64561835	0.62429421
## 1813	0.64560090	0.62583367
## 2438	0.64545455	0.62212003
## 2327	0.64504631	0.62404380
## 1684	0.64362676	0.62259161
## 1592	0.64356553	0.62459591
## 2479	0.64340339	0.63143295
## 2311	0.64338675	0.62032515
## 1860	0.64312047	0.62078304
## 1801	0.64309924	0.62318785
## 2238	0.64304065	0.62960253
## 1930	0.64298120	0.62028403
## 2477	0.64272791	0.63003328
## 1628	0.64264951	0.62097503
## 1981	0.64208328	0.62995160
## 1810	0.64144770	0.62051079
## 2182	0.64007353	0.61548073
## 2112	0.64002078	0.61566127
## 2295	0.63954301	0.62475160
## 1714	0.63926672	0.62568217
## 2509	0.63813493	0.62557947
## 2062	0.63712495	0.61424731
## 2053	0.63686066	0.61573113

## 2308	0.63679974	0.61247814
## 2233	0.63613812	0.62172705
## 2217	0.63571590	0.62091968
## 2236	0.63535319	0.62075721
## 2092	0.63533980	0.62058606
## 2168	0.63488776	0.62032568
## 2364	0.63437314	0.62206020
## 1986	0.63431267	0.62270167
## 2470	0.63421692	0.62182628
## 2480	0.63356938	0.62128898
## 2298	0.63325530	0.61884724
## 2465	0.63207144	0.61830592
## 2043	0.63197325	0.61948168
## 1790	0.63181535	0.61841557
## 2359	0.63174813	0.61814205
## 2296	0.63133575	0.61745540
## 1783	0.63059771	0.61686550
## 1840	0.63007459	0.61734645
## 1658	0.62997604	0.61523126
## 1965	0.62975005	0.61678553
## 2297	0.62964813	0.61524768
## 1984	0.62899011	0.61649759
## 2288	0.62880174	0.61429873
## 2343	0.62788976	0.61411099
## 2166	0.62706193	0.61149147
## 2362	0.62677700	0.61328835
## 2468	0.62677314	0.61291805
## 1788	0.62675769	0.61239255
## 2423	0.62641359	0.61317279
## 2421	0.62461302	0.61056137
## 1916	0.62420429	0.61180999
## 2045	0.62385082	0.61188699
## 2286	0.62369540	0.60804650
## 2504	0.62320774	0.60901306
## 1785	0.62316773	0.60880451
## 2424	0.62287750	0.60967277
## 2231	0.62277535	0.60811858
## 2414	0.62273197	0.60953018
## 2147	0.62194792	0.60593176
## 1769	0.62181734	0.60708990
## 2163	0.62175912	0.60572567
## 2161	0.62154269	0.60661843
## 2167	0.62119424	0.60666806
## 1911	0.62100990	0.60778938
## 2508	0.62086843	0.60786585
## 1659	0.62033436	0.60667180
## 2281	0.62029287	0.60483791
## 2506	0.61933715	0.60606657
## 2046	0.61883538	0.60633468
## 2237	0.61865992	0.60435833
## 1656	0.61837421	0.60410105
## 1789	0.61832098	0.60477289
## 2507	0.61820570	0.60487064
## 2036	0.61819694	0.60573190

## 2287	0.61692471	0.60202905
## 1603	0.61675509	0.60226532
## 1914	0.61638485	0.60315732
## 1895	0.61624307	0.60269670
## 1712	0.61588712	0.60161558
## 2093	0.61564317	0.60112478
## 2433	0.61561239	0.60365330
## 2047	0.61540588	0.60482997
## 2038	0.61486424	0.60186288
## 2090	0.61480619	0.59949962
## 2425	0.61468924	0.60236212
## 1715	0.61447207	0.60152088
## 2474	0.61415928	0.60149506
## 2145	0.61371626	0.59782415
## 2148	0.61360429	0.59847851
## 1639	0.61349353	0.59820772
## 2164	0.61345660	0.59809542
## 2283	0.61338938	0.59742259
## 2472	0.61313066	0.59892079
## 1653	0.61309028	0.59787225
## 2215	0.61290300	0.59696296
## 2412	0.61289975	0.59829099
## 1767	0.61262713	0.59780734
## 2409	0.61156603	0.59666987
## 2290	0.61130649	0.59538808
## 2031	0.61113429	0.59788383
## 2299	0.61098366	0.59673195
## 2481	0.61089879	0.59869604
## 2034	0.61036481	0.59688132
## 1971	0.61010260	0.59730252
## 2040	0.60963417	0.59775175
## 1999	0.60940452	0.59561619
## 1695	0.60939620	0.59452576
## 1924	0.60876907	0.59640623
## 2218	0.60860231	0.59388780
## 1770	0.60806480	0.59416685
## 1786	0.60782025	0.59387004
## 2292	0.60778718	0.59301926
## 1918	0.60771342	0.59542202
## 1709	0.60769020	0.59280059
## 2377	0.60767806	0.59552519
## 1944	0.60764648	0.59467905
## 2416	0.60756372	0.59310709
## 2234	0.60752081	0.59261491
## 2488	0.60680887	0.59338788
## 2418	0.60644793	0.59307490
## 1792	0.60550602	0.59141939
## 2073	0.60548042	0.58928946
## 1988	0.60538445	0.59326469
## 2228	0.60528238	0.59081114
## 2087	0.60524607	0.58892948
## 1780	0.60390563	0.58982418
## 2475	0.60381918	0.59069033
## 2354	0.60380267	0.59077276

## 1976	0.60373852	0.59115910
## 2293	0.60348369	0.58845645
## 1990	0.60322882	0.59253017
## 2158	0.60321001	0.58816102
## 2142	0.60247524	0.58556262
## 1794	0.60224626	0.58924628
## 1920	0.60220849	0.59063991
## 2366	0.60217402	0.58845448
## 2322	0.60208243	0.58941182
## 2284	0.60207832	0.58650184
## 2223	0.60200561	0.58605589
## 2349	0.60178312	0.58702180
## 2170	0.60148911	0.58589508
## 2196	0.60103816	0.58740835
## 1906	0.60089813	0.58801713
## 2041	0.60074365	0.58793628
## 1775	0.60074205	0.58599863
## 2449	0.60061560	0.58468891
## 2419	0.60047837	0.58711666
## 2452	0.60019721	0.58584650
## 2251	0.60014521	0.58706441
## 1901	0.59962356	0.58618368
## 1704	0.59960472	0.58430548
## 2368	0.59956891	0.58690122
## 2485	0.59952654	0.58448117
## 1938	0.59909976	0.58142481
## 1854	0.59896916	0.58599413
## 2242	0.59889641	0.58487753
## 1764	0.59865456	0.58315359
## 2212	0.59843356	0.58171362
## 2172	0.59815578	0.58300540
## 1974	0.59802213	0.58423040
## 1830	0.59799700	0.58392087
## 1804	0.59776603	0.58496501
## 2226	0.59763253	0.58134659
## 2082	0.59763104	0.58142139
## 2240	0.59759331	0.58194540
## 1678	0.59702222	0.58318243
## 1778	0.59677768	0.58134635
## 2352	0.59634835	0.58169856
## 1648	0.59632165	0.58065657
## 2430	0.59581337	0.58154278
## 2022	0.59492619	0.57611275
## 2156	0.59491344	0.57854792
## 1950	0.59449995	0.57648515
## 2492	0.59446162	0.57896156
## 2249	0.59405709	0.57943500
## 1941	0.59397876	0.57935507
## 2153	0.59394252	0.57720746
## 2422	0.59369156	0.58093251
## 1996	0.59357189	0.57995745
## 2302	0.59346859	0.58039334
## 1904	0.59340717	0.57956605
## 2044	0.59318497	0.58182049

## 1846	0.59312319	0.58043388
## 2456	0.59286157	0.57753313
## 1720	0.59269623	0.57874134
## 1909	0.59194950	0.57936353
## 2005	0.59192985	0.57333035
## 1855	0.59188895	0.57698601
## 2478	0.59187932	0.57938613
## 1874	0.59138712	0.57696542
## 1934	0.59115665	0.57755174
## 2291	0.59112283	0.57612070
## 1669	0.59097215	0.57647247
## 1979	0.59083137	0.57849864
## 1664	0.59081693	0.57573572
## 1921	0.59077667	0.57871314
## 1851	0.59073613	0.57826492
## 2173	0.59070502	0.57563881
## 2103	0.59070110	0.57589296
## 2369	0.59052445	0.57760032
## 1991	0.59021541	0.57817620
## 1725	0.59018885	0.57631838
## 1795	0.59018407	0.57616207
## 2008	0.59011609	0.57447813
## 2427	0.59003775	0.57425620
## 2176	0.59003298	0.57609694
## 1841	0.59002801	0.57836362
## 2243	0.58993242	0.57511669
## 1864	0.58982355	0.57599829
## 1738	0.58946294	0.57493293
## 1915	0.58926576	0.57719271
## 1773	0.58920477	0.57437194
## 1728	0.58885096	0.57442585
## 2505	0.58881093	0.57563634
## 2363	0.58848213	0.57547558
## 1912	0.58834945	0.57598678
## 1814	0.58831648	0.57492700
## 1953	0.58825821	0.57298551
## 1688	0.58823993	0.57429720
## 1729	0.58790960	0.57163309
## 1896	0.58770442	0.57536697
## 2413	0.58712378	0.57351901
## 1947	0.58699337	0.57037950
## 2375	0.58661359	0.57152359
## 1997	0.58661346	0.57050747
## 2374	0.58661293	0.57255197
## 2442	0.58652672	0.57180207
## 2446	0.58651339	0.57073615
## 1993	0.58644636	0.56983731
## 2357	0.58633445	0.57255831
## 2274	0.58626427	0.56974424
## 1838	0.58611853	0.57317663
## 1614	0.58605020	0.57085365
## 2439	0.58592879	0.56969645
## 2186	0.58588717	0.57233867
## 2344	0.58575280	0.57230452

## 1727	0.58572291	0.57092983
## 2260	0.58567684	0.57080478
## 2482	0.58565163	0.57117417
## 2386	0.58562902	0.57091651
## 2029	0.58550720	0.57245288
## 2360	0.58543530	0.57174577
## 1880	0.58542803	0.56614948
## 2098	0.58538875	0.56906443
## 2248	0.58531954	0.57154520
## 1835	0.58527447	0.57173813
## 2312	0.58510702	0.57227001
## 1821	0.58501503	0.57144730
## 2400	0.58501005	0.56895467
## 2497	0.58499435	0.56911998
## 2107	0.58476976	0.57104118
## 2002	0.58453256	0.56779794
## 2396	0.58439767	0.56933949
## 2407	0.58385004	0.56938476
## 2126	0.58378313	0.56930380
## 1893	0.58370272	0.57014154
## 1883	0.58348325	0.56713090
## 2116	0.58343544	0.56985786
## 1632	0.58340247	0.56876964
## 1612	0.58336145	0.56796292
## 1667	0.58335331	0.56798076
## 2270	0.58331394	0.56820236
## 1849	0.58324348	0.56989035
## 2202	0.58323771	0.56706723
## 1985	0.58319808	0.57116780
## 2383	0.58313318	0.56695855
## 2410	0.58310956	0.56900300
## 2463	0.58305651	0.56867032
## 2328	0.58297688	0.56700540
## 2331	0.58295489	0.56846158
## 2205	0.58295101	0.56815459
## 2193	0.58292986	0.56778295
## 2483	0.58278077	0.56700857
## 1723	0.58276352	0.56764350
## 2257	0.58259686	0.56624075
## 1748	0.58228793	0.56610886
## 1757	0.58226555	0.56558650
## 2151	0.58219943	0.56616647
## 2319	0.58218765	0.56701466
## 2066	0.58204239	0.56860450
## 2469	0.58197661	0.56833898
## 2101	0.58191882	0.56556115
## 2018	0.58189332	0.56573530
## 2341	0.58187357	0.56706963
## 2221	0.58183150	0.56518053
## 1925	0.58179935	0.56638136
## 1623	0.58169026	0.56516326
## 2431	0.58160991	0.56653381
## 1890	0.58113589	0.56715520
## 2056	0.58042031	0.56556316

## 2372	0.58041699	0.56371326
## 2393	0.58038933	0.56397120
## 1853	0.58028070	0.56477600
## 1754	0.57956662	0.55961648
## 2035	0.57950464	0.56676473
## 1982	0.57946546	0.56737340
## 1966	0.57938310	0.56744378
## 2316	0.57914057	0.56272400
## 2371	0.57911778	0.56379090
## 1963	0.57859594	0.56475222
## 1796	0.57845903	0.56404598
## 1622	0.57845677	0.56297366
## 2135	0.57841496	0.56306624
## 1779	0.57834208	0.56368734
## 2227	0.57800220	0.56227906
## 2303	0.57769507	0.56418368
## 1928	0.57765973	0.55985018
## 2157	0.57744947	0.56200680
## 2124	0.57736392	0.56121616
## 2015	0.57731285	0.55780577
## 2246	0.57730177	0.56063308
## 1751	0.57730033	0.55943491
## 2105	0.57725283	0.56209193
## 1670	0.57722104	0.56164408
## 1994	0.57692036	0.55749451
## 2338	0.57673040	0.56114541
## 1746	0.57651772	0.55956003
## 1679	0.57648578	0.56017599
## 2241	0.57643627	0.56161828
## 1682	0.57641136	0.55893009
## 1808	0.57635084	0.55905740
## 2194	0.57632163	0.56056853
## 1877	0.57605469	0.55868906
## 2190	0.57600576	0.55941406
## 1587	0.57562334	0.56001261
## 1931	0.57546339	0.56033015
## 2106	0.57544935	0.56127685
## 1649	0.57544578	0.56098070
## 1992	0.57536869	0.55833071
## 1852	0.57533427	0.55728296
## 1673	0.57518098	0.56122279
## 2039	0.57508631	0.56329853
## 1776	0.57498822	0.56069866
## 2466	0.57484215	0.56072759
## 1799	0.57482813	0.56151969
## 1871	0.57466760	0.55925375
## 2175	0.57464283	0.55926986
## 2177	0.57460596	0.56055982
## 2132	0.57455882	0.55747043
## 1923	0.57453488	0.55893483
## 2012	0.57439783	0.55719380
## 1705	0.57436463	0.56051217
## 2265	0.57405508	0.55692045
## 2244	0.57330996	0.55749353

## 1702	0.57330413	0.55714509
## 1960	0.57327132	0.55917609
## 1861	0.57326216	0.55823455
## 1646	0.57323204	0.55745480
## 1811	0.57319947	0.55842177
## 1685	0.57308093	0.55807762
## 1621	0.57304505	0.55668074
## 1677	0.57293776	0.55694577
## 1590	0.57290384	0.55919085
## 1735	0.57281054	0.55781737
## 1805	0.57260893	0.55730756
## 1868	0.57258561	0.55475193
## 1858	0.57232393	0.55478352
## 2083	0.57224097	0.55654451
## 2154	0.57218074	0.55597934
## 1752	0.57207137	0.55204769
## 1718	0.57190092	0.55732062
## 2032	0.57171122	0.55902022
## 2171	0.57160986	0.55734741
## 1617	0.57158218	0.55745181
## 1793	0.57157301	0.55880467
## 2417	0.57156986	0.55847230
## 1745	0.57151539	0.55633813
## 2473	0.57144885	0.55799931
## 2080	0.57111364	0.55397852
## 2003	0.57090547	0.55170567
## 2224	0.57081212	0.55479755
## 2428	0.57076938	0.55368520
## 2436	0.57034706	0.55397132
## 2267	0.56995588	0.55302741
## 1741	0.56989877	0.55136266
## 1732	0.56981644	0.55210683
## 2057	0.56934066	0.55446453
## 1643	0.56930192	0.55320435
## 1726	0.56893718	0.55068965
## 1598	0.56891027	0.55281294
## 2245	0.56882660	0.55356304
## 1872	0.56860971	0.55114824
## 1899	0.56858250	0.55555750
## 1662	0.56854873	0.55459013
## 1969	0.56839135	0.55500112
## 2325	0.56803597	0.55229910
## 2199	0.56770562	0.55151195
## 1699	0.56757394	0.55157457
## 1629	0.56725335	0.55170593
## 2254	0.56713202	0.55098168
## 2121	0.56712350	0.54900811
## 2380	0.56712329	0.55144159
## 1736	0.56703092	0.54983170
## 1989	0.56685246	0.55578169
## 2123	0.56618661	0.55043387
## 2301	0.56618506	0.55045727
## 2096	0.56602703	0.54967971
## 2104	0.56540499	0.54846701

## 1922	0.56534415	0.54656998
## 2255	0.56529695	0.54779671
## 1626	0.56520794	0.54683609
## 2183	0.56513029	0.54950562
## 1942	0.56502846	0.54803178
## 1869	0.56497702	0.54475669
## 2309	0.56487489	0.54934652
## 1620	0.56485346	0.54534807
## 1862	0.56477149	0.54739156
## 2370	0.56452547	0.54888941
## 1919	0.56439953	0.55371913
## 1932	0.56438035	0.54717126
## 2320	0.56431676	0.54804120
## 1630	0.56415579	0.54653981
## 1878	0.56380613	0.54416585
## 2367	0.56352430	0.55061993
## 1724	0.56341080	0.54886859
## 1618	0.56322131	0.54720273
## 1686	0.56286896	0.54592595
## 2102	0.56284971	0.54719953
## 2264	0.56284026	0.54651750
## 1948	0.56283393	0.54350752
## 1905	0.56277526	0.55020240
## 2113	0.56252280	0.54723710
## 2347	0.56239936	0.54739213
## 1902	0.56228170	0.54977949
## 2184	0.56216519	0.54611614
## 2437	0.56210179	0.54498029
## 2055	0.56209813	0.54562485
## 1803	0.56203570	0.54549654
## 2353	0.56201851	0.54820389
## 2077	0.56201619	0.54389199
## 2063	0.56177247	0.54639125
## 2381	0.56170199	0.54468001
## 1800	0.56159655	0.54595838
## 2013	0.56157096	0.54197570
## 1975	0.56139093	0.54841868
## 1859	0.56138359	0.54104881
## 2390	0.56132558	0.54525638
## 2426	0.56130640	0.54492329
## 2114	0.56130234	0.54485870
## 2191	0.56127929	0.54320998
## 1831	0.56116627	0.54872758
## 2130	0.56115967	0.54359596
## 2200	0.56093081	0.54368526
## 1676	0.56092661	0.54124653
## 1733	0.56084827	0.54031062
## 1674	0.56069707	0.54458222
## 2051	0.56053569	0.54576592
## 2180	0.56047015	0.54343907
## 1743	0.56025157	0.53938013
## 2391	0.56024372	0.54330574
## 2310	0.55974698	0.54358165
## 1591	0.55971019	0.54382842

## 2447	0.55962520	0.54221539
## 1627	0.55959269	0.53860623
## 2306	0.55931340	0.54235797
## 1613	0.55930193	0.54495567
## 1731	0.55923216	0.54073588
## 1721	0.55918460	0.54530315
## 1844	0.55911890	0.54638766
## 2317	0.55898877	0.54092615
## 2189	0.55896674	0.54164178
## 2300	0.55893777	0.54167415
## 1802	0.55886942	0.53960760
## 1812	0.55873877	0.54161782
## 2129	0.55862671	0.54212778
## 1972	0.55858384	0.54609485
## 2350	0.55855975	0.54410188
## 1939	0.55827415	0.53773763
## 1929	0.55822618	0.53785759
## 1937	0.55785076	0.53925297
## 1742	0.55778130	0.53933418
## 1828	0.55758746	0.54337555
## 2060	0.55744535	0.54066915
## 2064	0.55736274	0.54128734
## 1610	0.55673085	0.54089493
## 2174	0.55655848	0.53916216
## 2099	0.55636857	0.54004911
## 1668	0.55625452	0.54213680
## 1867	0.55618122	0.53817813
## 1625	0.55607922	0.53760313
## 1681	0.55600644	0.53765320
## 1665	0.55593022	0.54172585
## 2119	0.55561216	0.53853946
## 1683	0.55559625	0.53523731
## 1809	0.55554284	0.53530446
## 2120	0.55547122	0.53823986
## 1825	0.55546181	0.54101864
## 2048	0.55521124	0.54022843
## 2110	0.55520241	0.53837189
## 1857	0.55489401	0.53691020
## 1927	0.55436174	0.53591445
## 2326	0.55376176	0.53660476
## 1850	0.55360459	0.54128602
## 2111	0.55338252	0.53481060
## 1616	0.55284521	0.53633534
## 2307	0.55244522	0.53433345
## 1672	0.55234085	0.53589848
## 1847	0.55196604	0.53965014
## 1607	0.55133525	0.53518891
## 2181	0.55129178	0.53307874
## 2054	0.55117476	0.53285898
## 1798	0.55031684	0.53370521
## 2052	0.55030679	0.53547374
## 1589	0.54978477	0.53355821
## 1807	0.54898158	0.53091421
## 2061	0.54874111	0.53040564

## 1615	0.54640416	0.52680716
## 1586	0.54589649	0.53020693
## 1797	0.54465055	0.52522892
## 2315	0.54452366	0.52733902
## 1588	0.54335227	0.52398259
## 1671	0.54291078	0.52324027
## 2179	0.54235687	0.52466734
## 2109	0.54228471	0.52501448
## 2050	0.54093322	0.52427662
## 2305	0.53900170	0.52166425
## 2059	0.53797162	0.52067766
## 2049	0.52968415	0.51093721
## 1977	0.44408509	0.42850263
## 1833	0.43928015	0.42338227
## 1601	0.43288092	0.41793792
## 2476	0.43038365	0.41754223
## 1980	0.43008693	0.41455231
## 1819	0.42779670	0.41473573
## 2091	0.42610307	0.41145297
## 2342	0.42597540	0.41318433
## 1958	0.42486641	0.40839015
## 1839	0.42434531	0.41254414
## 1707	0.42395809	0.40611223
## 2358	0.42368208	0.41043955
## 1987	0.42104477	0.40754310
## 2229	0.42053637	0.40492801
## 1836	0.41836478	0.40502349
## 1713	0.41768195	0.40402291
## 2461	0.41764410	0.40273125
## 1693	0.41721825	0.40225933
## 2071	0.41639070	0.39993020
## 1964	0.41564154	0.40341170
## 2355	0.41546695	0.40082052
## 2216	0.41406199	0.39945492
## 2464	0.41382739	0.40038547
## 2361	0.41373509	0.40088236
## 1637	0.41368917	0.39687579
## 2336	0.41073135	0.39560606
## 1894	0.41061888	0.39658548
## 2088	0.41029584	0.39425981
## 2146	0.40970256	0.39418693
## 2339	0.40895246	0.39424641
## 2232	0.40875115	0.39389651
## 1710	0.40845453	0.39337811
## 2085	0.40831775	0.39174049
## 1716	0.40743326	0.39127137
## 1842	0.40658350	0.39230084
## 1657	0.40656554	0.38939843
## 2235	0.40638322	0.39164400
## 2467	0.40610821	0.39254038
## 1967	0.40553756	0.39016502
## 1961	0.40509834	0.39109962
## 1983	0.40262568	0.38991276
## 2239	0.40144427	0.38733256

## 1888	0.40137468	0.38455946
## 1845	0.40090130	0.38709942
## 2213	0.40076296	0.38433991
## 2365	0.40059981	0.38832364
## 2471	0.40014693	0.38687632
## 2411	0.39925993	0.38556066
## 1791	0.39868470	0.38015566
## 1917	0.39845918	0.38213843
## 2408	0.39789994	0.38356162
## 1891	0.39661821	0.38243580
## 2037	0.39646781	0.37925237
## 1654	0.39547923	0.37908204
## 2143	0.39493274	0.37884192
## 1638	0.39416578	0.37861954
## 2165	0.39406709	0.37804855
## 1651	0.39379597	0.37414682
## 2503	0.39331442	0.37844595
## 1719	0.39330579	0.37739253
## 1970	0.39324564	0.37863211
## 1593	0.39261252	0.37738774
## 2210	0.39203798	0.37535817
## 1907	0.39154875	0.37417334
## 1636	0.39151525	0.37717125
## 1910	0.39135772	0.37367466
## 1650	0.39128716	0.37398697
## 2027	0.39071574	0.37333702
## 1602	0.39067875	0.37646486
## 1781	0.39001277	0.37056241
## 1660	0.38985660	0.37214810
## 2405	0.38801310	0.37225772
## 1600	0.38751392	0.37338170
## 2420	0.38699791	0.37187966
## 2169	0.38676811	0.37099154
## 1897	0.38650555	0.37036755
## 2294	0.38632911	0.36956158
## 2415	0.38612163	0.37196648
## 2162	0.38526702	0.36812337
## 1823	0.38520716	0.36975348
## 2289	0.38514515	0.36906735
## 1605	0.38512537	0.36808285
## 2144	0.38486497	0.37108761
## 1771	0.38484660	0.36669473
## 2159	0.38420932	0.36647763
## 2279	0.38344074	0.36648236
## 1655	0.38281478	0.36803905
## 1913	0.38266950	0.36782541
## 1900	0.38217555	0.36591286
## 1599	0.38208151	0.36443363
## 1706	0.38146045	0.36435587
## 1663	0.38081234	0.36211154
## 1635	0.38071345	0.36275191
## 2285	0.38068024	0.36496845
## 2140	0.38027728	0.36289822
## 2348	0.37951063	0.36617431

## 2097	0.37945668	0.36443498
## 1611	0.37914825	0.36492775
## 1848	0.37860658	0.36693669
## 1829	0.37799333	0.36560578
## 2094	0.37708584	0.36054207
## 1697	0.37628844	0.35867975
## 2219	0.37609645	0.35880222
## 2345	0.37596579	0.36043786
## 2089	0.37560720	0.36205655
## 2160	0.37529337	0.36034757
## 2042	0.37460748	0.35606865
## 1761	0.37460209	0.35677808
## 1652	0.37416453	0.35542960
## 1768	0.37396389	0.35628696
## 1765	0.37302595	0.35731563
## 2070	0.37285055	0.35808308
## 2139	0.37255129	0.35725460
## 1647	0.37205651	0.35611032
## 1703	0.37162499	0.35715129
## 1722	0.37146936	0.35717986
## 2222	0.37142695	0.35600639
## 2100	0.37123810	0.35633320
## 2081	0.37104900	0.35544816
## 2351	0.37062952	0.35741708
## 1666	0.37061700	0.35493254
## 2072	0.37046809	0.35702974
## 1973	0.37025096	0.35725648
## 1903	0.36947957	0.35592464
## 1608	0.36825052	0.35296834
## 1596	0.36824937	0.35223668
## 1826	0.36745750	0.35386722
## 2084	0.36735480	0.35203793
## 2141	0.36671354	0.35129917
## 2033	0.36556930	0.35029571
## 2280	0.36474005	0.34979186
## 2225	0.36466673	0.34884857
## 1641	0.36458891	0.34603643
## 1782	0.36440540	0.34564371
## 2155	0.36411638	0.34827013
## 2152	0.36385649	0.34723654
## 2149	0.36208551	0.34448572
## 2230	0.36127994	0.34697059
## 2030	0.36076296	0.34230379
## 2086	0.36019820	0.34503198
## 1700	0.36003995	0.34387369
## 1644	0.35889279	0.34289233
## 1692	0.35798305	0.34332979
## 1787	0.35788324	0.34052675
## 1777	0.35558750	0.33922399
## 1774	0.35467947	0.33542242
## 2209	0.35450975	0.33889086
## 2075	0.35384038	0.33575035
## 2078	0.35381214	0.33605369
## 2214	0.35332592	0.33932023

## 2282	0.35329304	0.33685030
## 2069	0.35306168	0.33676382
## 1820	0.35265716	0.34095321
## 1711	0.35182048	0.33814244
## 1766	0.35170030	0.33666483
## 1762	0.34920251	0.32996629
## 1892	0.34898247	0.33650757
## 1887	0.34878859	0.33420143
## 1661	0.34720695	0.33166402
## 1818	0.34621415	0.33383401
## 1889	0.34545019	0.33014913
## 1817	0.34362014	0.32869633
## 1694	0.34261044	0.32730159
## 1832	0.33851177	0.32453435
## 2406	0.33840293	0.32587978
## 1717	0.33804219	0.32301055
## 2340	0.33781901	0.32623583
## 1772	0.33762123	0.32075816
## 1784	0.33703705	0.31562481
## 1604	0.33469614	0.31929619
## 1640	0.33459113	0.31821244
## 1834	0.33444625	0.32019048
## 1837	0.33439563	0.32311064
## 1908	0.33124567	0.31659932
## 1691	0.32894010	0.31110477
## 2337	0.32869059	0.31595057
## 1708	0.32715824	0.30970691
## 2150	0.32569682	0.31078157
## 2095	0.32543398	0.31161134
## 1696	0.32504866	0.30866523
## 2335	0.32447778	0.31086489
## 1609	0.32256229	0.30931920
## 1645	0.32243568	0.30815825
## 2356	0.32115905	0.30897793
## 1898	0.31740152	0.30383048
## 1606	0.31698145	0.30086010
## 1642	0.31690285	0.29943588
## 2220	0.31656348	0.30203991
## 1597	0.31617884	0.30162025
## 1957	0.31537811	0.30061750
## 1843	0.31462949	0.30239974
## 2211	0.31280816	0.29809832
## 1595	0.31267694	0.29792498
## 2079	0.31151592	0.29712394
## 1763	0.30967594	0.29063389
## 2028	0.30937126	0.29373311
## 1822	0.30575745	0.29211388
## 2074	0.30432253	0.28782698
## 1594	0.30411931	0.28676999
## 2462	0.30378482	0.29133638
## 1701	0.30309278	0.28896228
## 1978	0.30194350	0.28794300
## 1827	0.30050808	0.28933465
## 1962	0.29902411	0.28718483

## 2346	0.29796693	0.28581191
## 1824	0.29758786	0.28400069
## 1968	0.29711669	0.28358704
## 2076	0.29538649	0.27968154
## 1698	0.28216774	0.26603336
## 1959	0.27930310	0.26513865
## 3284	0.70454054	0.68627259
## 3127	0.70453290	0.68700119
## 2917	0.70271416	0.68623183
## 3300	0.70181549	0.68355050
## 3275	0.70127924	0.68334602
## 3285	0.70087524	0.68272952
## 3211	0.70087364	0.68424239
## 2912	0.69967988	0.68118801
## 2735	0.69927656	0.68193647
## 3173	0.69915800	0.68002377
## 2659	0.69837165	0.68052751
## 3071	0.69720174	0.67950819
## 3163	0.69712307	0.67804907
## 3282	0.69619797	0.67720865
## 2962	0.69587039	0.67737733
## 2953	0.69583598	0.67761077
## 3172	0.69578867	0.67633144
## 3171	0.69505779	0.67576083
## 2861	0.69484739	0.67807074
## 3298	0.69482838	0.67467227
## 3247	0.69440007	0.67626472
## 2896	0.69417390	0.67571989
## 2963	0.69407304	0.67572024
## 2785	0.69399691	0.67686561
## 2915	0.69394044	0.67559824
## 3297	0.69383299	0.67340316
## 3257	0.69329841	0.67473659
## 3125	0.69323958	0.67337626
## 3256	0.69318055	0.67429189
## 2960	0.69311529	0.67473156
## 3170	0.69227972	0.67230897
## 3122	0.69120239	0.67096417
## 2995	0.69109082	0.67240762
## 2734	0.69108817	0.67221589
## 3106	0.69098697	0.67089745
## 2728	0.69051416	0.67130371
## 2733	0.69034974	0.67116875
## 3126	0.68975020	0.67045815
## 3162	0.68942425	0.66846720
## 3070	0.68934443	0.66995937
## 2589	0.68923405	0.67105590
## 3273	0.68922126	0.66805850
## 3209	0.68904063	0.66976668
## 3206	0.68898379	0.66924014
## 3270	0.68897267	0.66747199
## 2590	0.68871504	0.67117314
## 2660	0.68844017	0.67134619
## 3190	0.68836978	0.66932059

## 2714	0.68765140	0.66812606
## 3258	0.68655880	0.66801520
## 3161	0.68655480	0.66475517
## 2730	0.68655463	0.66693485
## 3295	0.68618270	0.66500649
## 3069	0.68617122	0.66597190
## 2715	0.68581068	0.66706586
## 2840	0.68499814	0.66629199
## 2951	0.68472222	0.66443470
## 2731	0.68472086	0.66496522
## 3254	0.68461300	0.66507637
## 2964	0.68447607	0.66628079
## 2856	0.68435660	0.66529132
## 2657	0.68432095	0.66501542
## 2859	0.68399128	0.66529596
## 2996	0.68370275	0.66598646
## 3299	0.68368006	0.66316922
## 2948	0.68338700	0.66274800
## 2587	0.68325899	0.66401247
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## 3120	0.68254695	0.66217025
## 2712	0.68251693	0.66168192
## 3123	0.68239177	0.66203948
## 3051	0.68238559	0.66336405
## 3107	0.68156494	0.66272073
## 2520	0.68127599	0.66312766
## 3245	0.68106850	0.65979801
## 3156	0.68098609	0.65898241
## 3064	0.68070654	0.66044147
## 3286	0.68062224	0.66178583
## 3174	0.68055990	0.66077920
## 3159	0.68054131	0.65858930
## 2957	0.68022996	0.65987249
## 3050	0.68008711	0.65980699
## 3066	0.67995013	0.65899420
## 2961	0.67933165	0.66037969
## 2865	0.67929827	0.66025782
## 2993	0.67882736	0.65849567
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## 3158	0.67851982	0.65601029
## 2640	0.67846411	0.65909849
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## 2921	0.67809471	0.65945390
## 2584	0.67785815	0.65742904
## 3279	0.67775153	0.65674632
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## 3296	0.67726898	0.65602841
## 3242	0.67710921	0.65524310
## 3251	0.67686849	0.65585843
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## 3215	0.67651579	0.65712546
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## 3255	0.67579394	0.65639265
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## 3252	0.67556345	0.65470256
## 2952	0.67555167	0.65480028
## 2841	0.67531086	0.65656195
## 2955	0.67530796	0.65469492
## 2907	0.67525465	0.65620254
## 2725	0.67522273	0.65512838
## 2860	0.67521146	0.65635011
## 2958	0.67517154	0.65460772
## 3061	0.67516483	0.65502685
## 2786	0.67511100	0.65797634
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## 2796	0.67473259	0.65704742
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## 3076	0.67406411	0.65418039
## 3006	0.67386094	0.65541012
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## 2740	0.67229975	0.65260227
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## 2919	0.67203204	0.65301684
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## 3132	0.67153210	0.65155714
## 2949	0.67122363	0.64962843
## 3191	0.67097483	0.65206137
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## 2579	0.66486239	0.64408186
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## 3196	0.66326215	0.64040284
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## 2985	0.66268356	0.64115489
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## 3112	0.66200179	0.63837275
## 2668	0.66165744	0.64135411
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## 3056	0.65934355	0.63568871
## 2738	0.65864462	0.63793086
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## 3250	0.65822296	0.63632429
## 3214	0.65816509	0.63792968
## 3185	0.65798952	0.63433156
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## 2792	0.65190455	0.63105317
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## 2577	0.65014652	0.62752502
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## 2574	0.64569139	0.62211795
## 2773	0.64565296	0.62305764
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## 3142	0.64334025	0.62862895
## 3235	0.64320528	0.62995672
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## 3137	0.63716719	0.62130271
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## 3095	0.63530454	0.61964789
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## 2693	0.63340870	0.61893172
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## 2875	0.58790102	0.57445468
## 3238	0.58766189	0.57263852
## 2707	0.58758797	0.57001310
## 2893	0.58756573	0.57071868
## 3225	0.58732732	0.57278539
## 2898	0.58717905	0.56935136
## 2872	0.58697423	0.57326364
## 2528	0.58694544	0.57235878
## 2793	0.58694364	0.57097993
## 2667	0.58687844	0.57064579
## 2727	0.58686101	0.56639085

## 3239	0.58652957	0.57045547
## 2586	0.58626016	0.56828815
## 2787	0.58607211	0.56906900
## 2975	0.58602068	0.57167066
## 3202	0.58587688	0.56970903
## 3187	0.58582353	0.57012806
## 3111	0.58573991	0.56877746
## 2661	0.58561189	0.56806061
## 2566	0.58560484	0.56643358
## 3114	0.58545967	0.56994537
## 3219	0.58531873	0.56989716
## 3198	0.58520829	0.56990254
## 3072	0.58514225	0.56853440
## 2803	0.58505006	0.57046784
## 3195	0.58454365	0.56776520
## 2984	0.58449985	0.57044027
## 2656	0.58438172	0.56719030
## 2594	0.58438002	0.56421225
## 3222	0.58436275	0.56913101
## 3058	0.58431618	0.56885219
## 2800	0.58431460	0.56915122
## 2726	0.58407373	0.56575337
## 2991	0.58393582	0.56792247
## 2716	0.58326093	0.56547025
## 2842	0.58313838	0.56593932
## 3267	0.58304416	0.56646057
## 3065	0.58297964	0.56548018
## 2597	0.58273694	0.56563211
## 3055	0.58221502	0.56521004
## 2931	0.58203772	0.56838309
## 2563	0.58201085	0.56552046
## 3000	0.58200171	0.56524064
## 2651	0.58193502	0.56256252
## 2832	0.58183581	0.56433730
## 3003	0.58156252	0.56624563
## 2585	0.58134751	0.56487236
## 2763	0.58105960	0.56461615
## 2729	0.58097502	0.56036820
## 2852	0.58094899	0.56319204
## 3019	0.58084851	0.56329188
## 2890	0.58069438	0.56038614
## 2992	0.58060032	0.56405378
## 2583	0.58044074	0.55903604
## 3119	0.58037856	0.56275853
## 3100	0.58020761	0.56262159
## 3184	0.58009238	0.56266937
## 2517	0.57952719	0.56252491
## 3043	0.57946703	0.56321149
## 2988	0.57922015	0.56193658
## 2703	0.57893244	0.56452603
## 3063	0.57887887	0.56135326
## 2888	0.57874347	0.56043870
## 2928	0.57842907	0.56469855
## 2973	0.57782110	0.56167277

## 2581	0.57760755	0.55854643
## 2689	0.57739488	0.56140758
## 2762	0.57730854	0.55815043
## 2642	0.57714225	0.55850081
## 2582	0.57706540	0.55781584
## 2636	0.57704234	0.55734840
## 2619	0.57694801	0.56127123
## 3042	0.57678493	0.56048700
## 2591	0.57672014	0.55873962
## 3025	0.57666596	0.55984980
## 2768	0.57635876	0.55790903
## 3039	0.57606956	0.56024298
## 3098	0.57561238	0.55865245
## 2522	0.57533291	0.55717515
## 2616	0.57522960	0.55951017
## 2653	0.57520780	0.55397453
## 2633	0.57437544	0.56064005
## 2516	0.57429319	0.55396500
## 2645	0.57424330	0.55824348
## 2545	0.57415958	0.55855428
## 2771	0.57404163	0.55816189
## 2717	0.57401312	0.55381288
## 2879	0.57386655	0.56126171
## 2513	0.57383558	0.55928715
## 2686	0.57369207	0.55816040
## 2935	0.57367001	0.56072827
## 2782	0.57305295	0.55529903
## 2542	0.57202187	0.55476515
## 2989	0.57202121	0.55338213
## 2575	0.57183438	0.55598193
## 2525	0.57177590	0.55609666
## 2558	0.57133600	0.55568460
## 2779	0.57120752	0.55043548
## 2572	0.57105872	0.55254980
## 2853	0.57100063	0.55122448
## 2909	0.57097969	0.55085614
## 2592	0.57089501	0.55067193
## 3022	0.57080608	0.55319455
## 2662	0.57071228	0.55073549
## 3229	0.57016141	0.55567469
## 2899	0.56969896	0.54968634
## 3192	0.56968030	0.55308453
## 2843	0.56960254	0.54994943
## 3108	0.56911266	0.55200083
## 2539	0.56789415	0.55029010
## 3062	0.56739168	0.55045397
## 2809	0.56719538	0.55274442
## 2972	0.56697626	0.54898027
## 2997	0.56658953	0.55017000
## 2646	0.56625912	0.54842964
## 2576	0.56580599	0.54777597
## 3052	0.56568551	0.54932665
## 2829	0.56539948	0.55297547
## 3182	0.56496356	0.54833213

## 3109	0.56483598	0.54701696
## 3203	0.56411226	0.54659988
## 2772	0.56406488	0.54609764
## 2777	0.56402333	0.54523974
## 3053	0.56388737	0.54616584
## 2981	0.56369736	0.54750219
## 2788	0.56290345	0.54323762
## 2526	0.56271053	0.54506399
## 2514	0.56206251	0.54545848
## 2564	0.56194804	0.54606574
## 2987	0.56190330	0.54417109
## 2573	0.56175574	0.54040085
## 2815	0.56143944	0.54751623
## 2982	0.56103675	0.54436497
## 3193	0.56090536	0.54346816
## 2812	0.56083396	0.54691103
## 2769	0.56014027	0.53913156
## 2998	0.55968780	0.54213734
## 2643	0.55937701	0.53810727
## 2978	0.55916649	0.54152547
## 2561	0.55859912	0.54271619
## 2523	0.55823322	0.53718493
## 2641	0.55780440	0.53848916
## 2571	0.55779354	0.53898527
## 2521	0.55485493	0.53619071
## 2767	0.55342171	0.53461030
## 2979	0.55242072	0.53350383
## 2512	0.55161300	0.53443312
## 2511	0.54488437	0.52451199
## 2977	0.54092422	0.52297550
## 2691	0.45981226	0.44179246
## 2938	0.45605538	0.43984307
## 2923	0.45240767	0.43528294
## 2817	0.45166187	0.43506274
## 2820	0.45028087	0.43367347
## 2547	0.44778899	0.42885461
## 2798	0.44637681	0.42900856
## 3148	0.44323456	0.42826319
## 3287	0.44086227	0.42671878
## 2533	0.43975695	0.42355503
## 2553	0.43938522	0.42423161
## 2926	0.43880013	0.42145158
## 2694	0.43713330	0.41844314
## 3232	0.43649395	0.42260203
## 2804	0.43456280	0.42117714
## 3014	0.43430919	0.41861752
## 3220	0.43286119	0.41839279
## 2550	0.43106320	0.41485381
## 2672	0.43042495	0.41113151
## 3030	0.42999622	0.41395715
## 3133	0.42827217	0.41155296
## 3027	0.42729414	0.41050915
## 2801	0.42713863	0.41232811
## 2608	0.42644622	0.40907044

## 2678	0.42637166	0.41112756
## 2823	0.42545089	0.41177035
## 3033	0.42477238	0.40916681
## 3217	0.42452089	0.40870330
## 3223	0.42406751	0.40993512
## 2701	0.42108621	0.40427722
## 2621	0.42043315	0.40056302
## 2827	0.41986969	0.40502479
## 2933	0.41921263	0.40327978
## 2867	0.41854790	0.40077846
## 2870	0.41837576	0.39988037
## 3011	0.41803626	0.40092474
## 3136	0.41748674	0.40142750
## 2741	0.41716910	0.39768779
## 2675	0.41663094	0.40013957
## 2697	0.41610448	0.40056073
## 3139	0.41602434	0.40006167
## 3008	0.41532917	0.39769257
## 3259	0.41497314	0.39978648
## 2602	0.41477903	0.39491789
## 2605	0.41468376	0.39801665
## 3083	0.41449141	0.39842715
## 3175	0.41438731	0.39787503
## 2929	0.41374382	0.39922019
## 2965	0.41161944	0.39240914
## 3092	0.41092147	0.39370575
## 2624	0.40998852	0.38873790
## 2756	0.40976543	0.38864495
## 2873	0.40865361	0.39314490
## 2601	0.40823357	0.39050130
## 2882	0.40806809	0.38933849
## 3080	0.40784312	0.39081043
## 2546	0.40670444	0.38916814
## 2627	0.40639379	0.38870755
## 2556	0.40613926	0.38860184
## 2631	0.40591617	0.38696194
## 3077	0.40555165	0.38811410
## 2681	0.40547423	0.38711551
## 2807	0.40459220	0.38810987
## 2877	0.40313253	0.38580825
## 2751	0.40303221	0.38351439
## 2622	0.40237080	0.38377889
## 2534	0.40052984	0.38512521
## 3037	0.40006383	0.38461774
## 2606	0.39974521	0.38430125
## 3143	0.39960486	0.38341670
## 2559	0.39892678	0.38123725
## 3227	0.39891451	0.38457671
## 2810	0.39890630	0.38287274
## 2532	0.39701069	0.38175322
## 3078	0.39352628	0.37847469
## 2551	0.39302226	0.37843207
## 2603	0.39233681	0.37296154
## 2671	0.39223126	0.37410555

## 2684	0.39131557	0.37309011
## 2531	0.39096597	0.37228467
## 2692	0.39068006	0.37280566
## 2611	0.39008104	0.37127462
## 2548	0.39006722	0.37153799
## 2742	0.38901581	0.36977274
## 3087	0.38830626	0.37151929
## 3012	0.38719884	0.37286063
## 2747	0.38718396	0.36964878
## 3028	0.38494558	0.37004223
## 2537	0.38318895	0.36405445
## 2614	0.38165302	0.36177878
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## 3020	0.37743126	0.36044511
## 2562	0.37736158	0.36156990
## 2543	0.37706830	0.36083780
## 2813	0.37657837	0.36259140
## 3017	0.37502387	0.35652883
## 3134	0.37487763	0.35990310
## 2744	0.37387446	0.35237358
## 3009	0.37173724	0.35590015
## 2617	0.37011314	0.35300952
## 2687	0.36956070	0.35292507
## 3023	0.36920691	0.35226582
## 2540	0.36614669	0.34873182
## 2676	0.36501039	0.34989770
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## 2797	0.35553807	0.34041175
## 2802	0.35235804	0.33960832
## 2799	0.35167925	0.33604864
## 2818	0.34540271	0.33091130
## 2612	0.34504453	0.32780738
## 2557	0.34501694	0.32884890
## 3218	0.34106663	0.32818584
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## 2682	0.33623518	0.31917013
## 2536	0.33246456	0.31516102
## 2924	0.32502587	0.30966635
## 3018	0.32354630	0.30798029
## 2541	0.32036094	0.30510108
## 2808	0.31525487	0.30107195
## 2538	0.31470766	0.29662771
## 3794	0.71021676	0.69207308
## 3614	0.70998924	0.69172305
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## 3457	0.70637948	0.68861267
## 3612	0.70600010	0.68763749
## 3734	0.70590263	0.68651064
## 3630	0.70553996	0.68716652
## 3735	0.70397544	0.68472351
## 3791	0.70375510	0.68326565
## 3725	0.70369261	0.68412776
## 3661	0.70355954	0.68541673
## 3770	0.70354929	0.68467367

## 3796	0.70277223	0.68253177
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## 3615	0.70194669	0.68372560
## 3541	0.70171718	0.68464381
## 3452	0.70168642	0.68201040
## 3500	0.70138750	0.68203282
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## 3501	0.70014000	0.68083713
## 3503	0.69996994	0.68062618
## 3732	0.69988548	0.67991084
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## 3502	0.69985887	0.68024048
## 3401	0.69983575	0.68169057
## 3493	0.69970979	0.68014346
## 3748	0.69928500	0.67807222
## 3536	0.69880447	0.67966142
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## 3707	0.69852625	0.67886254
## 3455	0.69761066	0.67818405
## 3325	0.69752053	0.67899047
## 3436	0.69740821	0.67747117
## 3697	0.69736318	0.67761820
## 3627	0.69734617	0.67672108
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## 3706	0.69641761	0.67632362
## 3747	0.69622855	0.67468116
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## 3768	0.69580104	0.67643771
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## 3492	0.69090209	0.66992805
## 3491	0.69032992	0.66902700
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## 3326	0.68961314	0.67165057
## 3380	0.68919182	0.66892343
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## 3724	0.68907926	0.66743621
## 3696	0.68896817	0.66751353
## 3396	0.68884822	0.66849283
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## 3759	0.68817487	0.66652482
## 3756	0.68799110	0.66584571
## 3397	0.68771442	0.66722789
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## 3629	0.68672336	0.66628925
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## 3708	0.68569529	0.66594847
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## 3781	0.68514983	0.66356522
## 3489	0.68479784	0.66283656
## 3575	0.68473816	0.66397733
## 3323	0.68406397	0.66426020
## 3616	0.68358168	0.66469510
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## 3434	0.68345180	0.66174606
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## 3654	0.68148849	0.66065372
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## 3497	0.67917307	0.65721105
## 3585	0.67914120	0.65982657
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## 3570	0.67063176	0.64915347
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## 3743	0.66312172	0.64891716
## 3334	0.66272284	0.64186056
## 3728	0.66245360	0.63913121
## 3664	0.66241684	0.64134264
## 3646	0.66219090	0.63785127
## 3623	0.66044813	0.64817644
## 3580	0.66039580	0.63867552
## 3544	0.66010088	0.63987960
## 3608	0.66004957	0.63767916
## 3511	0.65874071	0.64422760
## 3446	0.65839652	0.63549069
## 3390	0.65783683	0.63518591
## 3650	0.65778833	0.63453719
## 3764	0.65757913	0.63470577
## 3384	0.65720203	0.63458847
## 3335	0.65682824	0.63583986
## 3443	0.65571058	0.63216480
## 3440	0.65565785	0.63225224
## 3316	0.65560283	0.63463367
## 3481	0.65545320	0.64126647
## 3387	0.65538200	0.63192965
## 3530	0.65408440	0.63158775
## 3329	0.65406934	0.63286099
## 3795	0.65369181	0.64001884
## 3332	0.65329818	0.63120468
## 3618	0.65321973	0.63932152
## 3779	0.65284809	0.63951978
## 3738	0.65248736	0.63659027
## 3647	0.65214731	0.62759041
## 3715	0.65213528	0.63671494
## 3563	0.65205733	0.63853773
## 3751	0.65190355	0.63632289
## 3527	0.65177046	0.62845370
## 3683	0.65063821	0.63516412
## 3644	0.65037967	0.62586898
## 3524	0.65001116	0.62703130
## 3565	0.64985148	0.63665105
## 3620	0.64981443	0.63654778
## 3313	0.64939553	0.62582338
## 3423	0.64919600	0.63364340
## 3467	0.64872326	0.63291936
## 3740	0.64871934	0.63321708
## 3361	0.64853770	0.63286982

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## 3685	0.64819697	0.63278048
## 3310	0.64452397	0.61981532
## 3366	0.64434236	0.62944175
## 3472	0.64430960	0.62935124
## 3676	0.64335357	0.62737617
## 3776	0.64316941	0.62851518
## 3482	0.64287906	0.62814000
## 3551	0.64269393	0.62777624
## 3741	0.64239846	0.62652268
## 3595	0.64216609	0.62863061
## 3686	0.64204533	0.62645919
## 3774	0.64163943	0.62646914
## 3425	0.64104975	0.62536249
## 3631	0.64093086	0.62725052
## 3345	0.64026581	0.62390965
## 3480	0.63896755	0.62461890
## 3470	0.63870631	0.62253938
## 3364	0.63863991	0.62295575
## 3424	0.63808272	0.62340512
## 3710	0.63801112	0.62102832
## 3671	0.63743343	0.62023823
## 3787	0.63664327	0.62193076
## 3507	0.63656997	0.62146181
## 3426	0.63621201	0.62053924
## 3416	0.63580557	0.61990695
## 3674	0.63562442	0.61855183
## 3713	0.63444234	0.61780640
## 3566	0.63421808	0.62072090
## 3712	0.63418579	0.61744452
## 3465	0.63368105	0.61761312
## 3556	0.63361586	0.61940237
## 3359	0.63345267	0.61799549
## 3621	0.63342966	0.61949332
## 3777	0.63321345	0.61847801
## 3508	0.63301727	0.61740743
## 3509	0.63213625	0.61621447
## 3739	0.63204267	0.61603737
## 3684	0.63164528	0.61620250
## 3590	0.63143330	0.61659929
## 3409	0.63104720	0.61495351
## 3711	0.63086827	0.61476633
## 3411	0.63053893	0.61362228
## 3592	0.62954723	0.61524020
## 3554	0.62932579	0.61428238
## 3414	0.62920055	0.61250691
## 3599	0.62795076	0.60876646
## 3622	0.62774944	0.61465995
## 3510	0.62681244	0.61174684
## 3778	0.62608932	0.61179286
## 3788	0.62436847	0.60887758
## 3742	0.62427276	0.60833361
## 3611	0.62388135	0.60510868
## 3624	0.62383259	0.60539524

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## 3519	0.62368965	0.61007378
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## 3415	0.62204885	0.60628849
## 3558	0.62201019	0.60751283
## 3593	0.62168528	0.60708259
## 3596	0.62153274	0.60386416
## 3362	0.62149196	0.60553850
## 3346	0.62141111	0.60572971
## 3602	0.62128580	0.60548753
## 3474	0.62097766	0.60492752
## 3675	0.62083942	0.60413539
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## 3343	0.61921150	0.60249214
## 3412	0.61883277	0.60233738
## 3379	0.61805661	0.60241024
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## 3476	0.61716423	0.60223769
## 3571	0.61706285	0.59785875
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## 3758	0.61614291	0.60134553
## 3678	0.61589754	0.59867409
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## 3719	0.61448505	0.59805357
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## 3687	0.61395116	0.59835925
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## 3448	0.61293464	0.59434788
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## 3538	0.60829588	0.59178603
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## 3368	0.60785009	0.59221548
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## 3583	0.59966860	0.58017351
## 3373	0.59959514	0.58100238
## 3752	0.59950222	0.58357537
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## 3637	0.59737773	0.58127763
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## 3591	0.59616963	0.58243757
## 3395	0.59570337	0.57461973
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## 3449	0.59506614	0.57422026
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## 3619	0.59458932	0.58089750
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## 3319	0.58690000	0.56506996
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## 3559	0.57243578	0.55847239
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## 3523	0.56857221	0.54823415
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## 3547	0.45931189	0.44129464
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## 3839	0.63905050	0.62186614
## 3904	0.63897906	0.62316496
## 3849	0.63884746	0.62352746
## 3876	0.63733583	0.62136008
## 3953	0.63717548	0.61823744
## 3878	0.63516571	0.61835239
## 3942	0.63381534	0.61890564
## 3834	0.63366473	0.61664186
## 3985	0.63159556	0.61464971
## 3943	0.62985297	0.61592439
## 3920	0.62948779	0.60984399
## 3907	0.62838377	0.61283811
## 3909	0.62811452	0.60863634
## 3884	0.62781551	0.60768588
## 3896	0.62746880	0.60762914
## 3988	0.62719876	0.61065023
## 3879	0.62711856	0.61142564
## 3998	0.62546833	0.60925524
## 3945	0.62504174	0.60622407
## 3804	0.62492769	0.60952154

## 3881	0.62390279	0.60522486
## 3843	0.62333848	0.60657742
## 4007	0.62326634	0.60749659
## 3932	0.62308480	0.60392678
## 3840	0.62270616	0.60612909
## 3923	0.62249653	0.60583621
## 3887	0.62241246	0.60575428
## 3837	0.62152712	0.60411925
## 3917	0.62083196	0.60277421
## 3856	0.61835229	0.59794377
## 3859	0.61792638	0.60054557
## 3820	0.61789972	0.59725353
## 3852	0.61714892	0.60182066
## 3990	0.61696170	0.60094047
## 3968	0.61678562	0.60114847
## 3845	0.61615580	0.59978635
## 3965	0.61586912	0.59887269
## 3798	0.61417409	0.59469404
## 3817	0.61242451	0.59327287
## 3854	0.61237305	0.59201862
## 3977	0.61103921	0.59410826
## 3801	0.61099701	0.59436675
## 3882	0.61097172	0.59021778
## 3853	0.61087520	0.59264041
## 3823	0.61069482	0.59310069
## 3868	0.60734166	0.58663686
## 3802	0.60582615	0.58764819
## 3927	0.60381018	0.58446874
## 3891	0.60258845	0.58258290
## 3846	0.60216503	0.58456522
## 3799	0.60201866	0.58023856
## 3827	0.60125060	0.58213725
## 3863	0.60069462	0.58105306
## 3962	0.60049439	0.58379238
## 3963	0.59918550	0.58181331
## 3797	0.59910170	0.57941212
## 3818	0.59764851	0.57640094
## 3940	0.59723068	0.58260148
## 3918	0.59650955	0.57652031
## 3810	0.59341485	0.57285184
## 3972	0.59321393	0.57621046
## 3844	0.59282884	0.57626023
## 3813	0.58735160	0.56948257
## 3807	0.58526583	0.56640006
## 3808	0.57182350	0.55071454
## 3902	0.47836733	0.45813157
## 3847	0.47712758	0.45716014
## 3832	0.47213857	0.45173965
## 3938	0.47084523	0.45205050
## 3835	0.46487087	0.44372898
## 3983	0.45637941	0.43924878
## 3874	0.45549381	0.43398149
## 3838	0.44539557	0.42728450
## 3833	0.42421486	0.40484725

## 3842	0.41763056	0.39754950
## 4059	0.72041776	0.70116064
## 4068	0.71553912	0.69699010
## 4071	0.71511574	0.69475209
## 4078	0.71396550	0.69451091
## 4061	0.71321727	0.69184497
## 4081	0.71305346	0.69168343
## 4051	0.71214511	0.69237339
## 4035	0.71105143	0.69090187
## 4056	0.71103802	0.68932981
## 4033	0.71033328	0.69048940
## 4054	0.70982801	0.68813270
## 4082	0.70942015	0.68868011
## 4065	0.70826772	0.68713357
## 4080	0.70723232	0.68573853
## 4070	0.70574481	0.68496644
## 4026	0.70462802	0.68412458
## 4057	0.70459319	0.68297265
## 4063	0.70456551	0.68349216
## 4036	0.70443901	0.68457260
## 4075	0.70401722	0.68170210
## 4076	0.70215375	0.68010424
## 4048	0.70135187	0.67902034
## 4066	0.70040752	0.67940943
## 4046	0.70027222	0.67841621
## 4055	0.69997068	0.67793379
## 4021	0.69990528	0.67720043
## 4049	0.69973306	0.67780474
## 4034	0.69972613	0.67950954
## 4047	0.69892019	0.67712648
## 4073	0.69855685	0.67582290
## 4024	0.69570725	0.67339099
## 4074	0.69325462	0.67077794
## 4067	0.69078907	0.66963663
## 4025	0.69047997	0.66840318
## 4019	0.69033543	0.66766777
## 4050	0.68892207	0.66701232
## 4037	0.68812754	0.66801700
## 4022	0.68807944	0.66471770
## 4077	0.68685895	0.66437206
## 4058	0.68531201	0.66285889
## 4030	0.68052239	0.65748227
## 4064	0.67986920	0.65762188
## 4028	0.67879622	0.65595972
## 4031	0.67390224	0.65055892
## 4060	0.67135781	0.65585627
## 4044	0.66993050	0.65468086
## 4029	0.66601245	0.64254472
## 4039	0.66343747	0.64661101
## 4079	0.66253821	0.64605672
## 4069	0.65909714	0.64446514
## 4052	0.65713484	0.64058049
## 4041	0.65637777	0.63958950
## 4042	0.64336385	0.62627032

```

## 4053    0.63934214  0.61938086
## 4040    0.63881044  0.62204663
## 4062    0.63620566  0.61692721
## 4043    0.63120450  0.61499404
## 4020    0.62964629  0.60888894
## 4045    0.62899389  0.60904265
## 4032    0.62663836  0.60629473
## 4072    0.62435126  0.60779031
## 4023    0.62367232  0.60599786
## 4017    0.62317589  0.60400012
## 4018    0.61260199  0.59150752
## 4027    0.60249932  0.58239650
## 4038    0.48344007  0.46215737
## 4089    0.72023295  0.70061350
## 4092    0.71953567  0.69808061
## 4093    0.71483651  0.69405464
## 4094    0.71306772  0.69135216
## 4091    0.71225420  0.69050700
## 4086    0.71014180  0.68773802
## 4084    0.70935227  0.68721524
## 4087    0.70362789  0.68147363
## 4085    0.69896503  0.67645082
## 4088    0.69007704  0.66768080
## 4090    0.67033803  0.65381409
## 4083    0.63835780  0.61796280
## 4095    0.71934302  0.69749711

```

When looking at the statistics for the different models, we are only allowed to currently look at a few statistics, but in part e, I'll look into more statistics. For the models with one to two predictors, I'm not going to go into much detail about them as their R^2 , R^2_{adj} are significantly lower than the models with a higher number of predictors (and consequently this means their MSE is much higher). Additionally, all of their Mallow's CP values are astronomically higher than the value they should be around (value they should be around is p where p represents the number of predictors in the model). Moving on to the 3 variable models, it seems that the model with the predictors X_2 , X_3 , and X_4 has the highest R^2 value of around 87.4% and a R^2_{adj} value of 85.9%. It seems that for this model the Mallow's CP value has become much closer to the desired value (it is around 7.596), which for the case of a model with 3 predictors would be 3. Fortunately, for the 4 predictor models, the best model based on R^2 has an R^2 value of around 89.1% and an R^2_{adj} value of around 87.3% (MSE of 1945.334), with the predictors X_1 , X_2 , X_3 , and X_4 in the model. Now, the Mallow's CP value is pretty close to its target value of $p=4$ for this model, but still is around 1.79 higher than 4. In comparison to the full model with all the predictors present, the full model has a Mallow's CP value closer to the desired value of $p=5$, coming in at exactly 1 above the desired value. In terms of R^2 and R^2_{adj} , it seems that these values are barely higher than the 4 predictor model, indicating that adding X_5 to the model doesn't add much predictive power (MSE of 1887.116 and R^2_{adj} value of around 87.7%). Even though the Mallow's CP value is closer to its desired value for the full model with 5 predictors, I think the benefit of having one less variable with approximately the same R^2_{adj} value outweighs the disadvantage. So, if favoring simplicity, I would choose the 4 predictor model with predictors X_1 , X_2 , X_3 , and X_4 , but if wanting the best absolute R^2_{adj} value and closest Mallow's CP value to the line, then the full model with 5 predictors would be a better choice. I have to further analyze the significance of adding X_5 to the best 4 predictor model, such as using the partial F-test to determine whether it should be added. I can also see the values for AIC and SBC even though technically we aren't allowed to look at them yet, and they further indicate that the best 4 predictor model without X_5 as a predictor is as good if not better than the full model. But using just this information of R^2 , R^2_{adj} , and Mallow's CP, at first glance it seems the five predictor model is better (but we will show it is probably not).

```
full_model=lm(train_set_dataset$MEDV ~ .,data=train_set_dataset)

anova(full_model)
```

```
## Analysis of Variance Table
##
## Response: train_set_dataset$MEDV
##           Df Sum Sq Mean Sq  F value    Pr(>F)
## CRIM       1 3620.7   3620.7  160.0139 < 2.2e-16 ***
## ZN         1 2510.3   2510.3  110.9414 < 2.2e-16 ***
## INDUS      1 1666.5   1666.5   73.6500 5.549e-16 ***
## NX         1   13.8    13.8    0.6099 0.4354431
## RM         1 5761.3   5761.3  254.6178 < 2.2e-16 ***
## AGE        1   70.6    70.6    3.1203 0.0783650 .
## DIS        1 1082.9   1082.9  47.8604 2.881e-11 ***
## RAD         1    5.0     5.0    0.2193 0.6399534
## TAX        1  291.6    291.6   12.8882 0.0003875 ***
## PTRATIO    1  604.9    604.9   26.7329 4.334e-07 ***
## B          1  390.2    390.2   17.2463 4.311e-05 ***
## LSTAT      1 1942.2   1942.2   85.8354 < 2.2e-16 ***
## Residuals 293 6629.8    22.6
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
summary(full_model)
```

```
##
## Call:
## lm(formula = train_set_dataset$MEDV ~ ., data = train_set_dataset)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -11.0346  -2.6668  -0.7731   1.5473  25.7176
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  32.044484   6.856733   4.673 4.52e-06 ***
## CRIM         -0.121517   0.044156  -2.752 0.006292 **
## ZN           0.042545   0.017788   2.392 0.017396 *
## INDUS        0.066926   0.074910   0.893 0.372368
## NX          -13.994681   4.821217  -2.903 0.003980 **
## RM           4.021977   0.555961   7.234 4.11e-12 ***
## AGE         -0.004531   0.017408  -0.260 0.794815
## DIS         -1.469667   0.261205  -5.626 4.30e-08 ***
## RAD          0.343192   0.082127   4.179 3.87e-05 ***
## TAX         -0.014404   0.004416  -3.262 0.001238 **
## PTRATIO     -0.855679   0.181010  -4.727 3.54e-06 ***
## B           0.011628   0.003434   3.386 0.000806 ***
## LSTAT       -0.629198   0.067913  -9.265 < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 4.757 on 293 degrees of freedom
## Multiple R-squared:  0.7304, Adjusted R-squared:  0.7193
```

```
## F-statistic: 66.14 on 12 and 293 DF,  p-value: < 2.2e-16
RSS <- residuals(full_model)^2

training_MSE <- mean(RSS)

cat("Training MSE:", training_MSE, "\n")

## Training MSE: 21.66596

test_MSE <- mean((test_set_dataset$MEDV - predict(full_model, newdata=test_set_dataset))^2)

cat("Test MSE:", test_MSE)

## Test MSE: 24.70457
```

First off, we can see that the test for significance of regression would allow us to reject the null hypothesis that all predictors in the model don't have a linear relationship in the current model with the response variable, indicating significance of this model in explaining/predicting the response Y. We can see that for the t-tests that each coefficient of the predictor is 0 and that the predictor doesn't add significantly to the current model, we can note that X_1 , X_3 , and X_4 have small p-values for this test where we would reject the null hypotheses at a significance level of 5% that their coefficients are equal to 0 and that they don't significantly improve the model given the other predictors present in the model. Now, X_2 's t-test's p-value would not allow us to reject the null hypothesis that it does not significantly improve the model, but I still believe that it has some statistical power, but it is toeing the line. On the other hand, X_5 has a very large p-value of 19.4% for the t-test, indicating that it does not improve the model significantly. As forward and backwards stepwise regression both use a p-value of 30% to add or remove a variable from the model using the partial F test/t-test for the predictor, they tend to add too many variables, at least in this case. Now, the models that I chose for part c. and d. were the 4 predictor model with the predictors X_1 , X_2 , X_3 , and X_4 . We will look at the summary of the model below:

```
#reduced_model = lm(y~x1+x2+x3+x4,data=thermalData)

#anova(reduced_model)

#summary(reduced_model)

#cat("MSE: ", mean((thermalData$y - predict(reduced_model, newdata=thermalData))^2))
```

Strangely enough, in this 4 predictor model, we get that X_1 does not significantly improve the model given the other predictors in the model (using a significance level of 5% based on the t-tests), while the other predictors do. We can note that the model with 1 predictor with X_1 alone had a very large R^2 value, so this predictor alone did have a lot of predictive power on Y. I won't go over again my discussion about the other statistics such as Mallows' CP as I did in part d., but we concluded then that the model with 4 predictors is probably better. I still stick with this statement as when looking at the t-test for the significance of X_5 in the full model, we pretty resoundingly don't reject the null hypothesis that it has no predictive/explanative power on Y in the model given the other predictors already in it.

Using the information given here, I would choose the best model as the one with 4 predictors. For the 4 predictor models, the best model based on R^2 has an R^2 value of around 89.1% and an R^2_{adj} value of around 87.3%, with the predictors X_1 , X_2 , X_3 , and X_4 in the model. Now, the Mallows' CP value is pretty close to its target value of $p=4$ for this model, but still is around 1.79 higher than 4. In comparison to the full model with all the predictors present, the full model has a Mallows' CP value closer to the desired value of $p=5$, coming in at exactly 1 above the desired value. In terms of R^2 and R^2_{adj} , it seems that these values are barely higher than the 4 predictor model, indicating that adding X_5 to the model doesn't add much predictive power. Even though the Mallows' CP value is closer to its desired value for the full model with 5 predictors, I think the benefit of having one less variable with approximately the same R^2_{adj} value outweighs

the disadvantage. Looking at the AIC and SBC values, which are somewhat similar metrics, the 4 predictor model has a slightly higher AIC value than the 5 predictor model, but a lower SBIC value. This indicates it is probably the better model to pick. So I would pick this 4 predictor model.

Note that the 4 and 5 predictor models both have issues with the residuals that estimate the error terms indicating that normality is violated in both models.

Bayesian Linear Regression Model

```
import numpy as np
import pandas as pd
from matplotlib import pyplot as plt
from matplotlib.colors import LinearSegmentedColormap
from tabulate import tabulate

#Load the data from a text file make the first row the header and use tab as the separator
data = pd.read_csv('~Downloads/Boston.csv', header=0, sep=',')

training_indices = pd.read_csv('train_set_indices.csv', header=0, sep=',')['Resample1'].tolist()

print(len(training_indices))

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# data = pd.read_csv('Boston.csv', header=0, sep=',')

#Delete rows with missing values
data = data.dropna()

data.insert(0, 'Intercept', 1)

num_predictors = len(data.columns) - 1

#Set sampling size
sampling_size = 10000

#Set the parameters for the prior distribution for sigma2 (inverse gamma) (non-informative)
a = 0.001
b = 0.001

#Set the parameters for the prior distribution for mu (normal) (non-informative)

#Create the matrix for V
V = np.eye(num_predictors)
m = np.zeros(num_predictors)

X_training_set = data.iloc[training_indices, 0:num_predictors].to_numpy()
y_training_set = data.iloc[training_indices, num_predictors].to_numpy()

X_test_set = data.drop(training_indices, axis=0).iloc[:, 0:num_predictors].to_numpy()
y_test_set = data.drop(training_indices, axis=0).iloc[:, num_predictors].to_numpy()

#Compute the inverse of V
V_inv = np.linalg.inv(V)
```

```

#Compute the mean of the posterior distribution of beta given sigma2 (normal)
mu_post = np.linalg.inv(X_training_set.T @ X_training_set + V_inv) @ (X_training_set.T @ y_training_set)

#Compute the lambda matrix of the posterior distribution of beta given sigma2 (normal)
lambda_post = np.linalg.inv(X_training_set.T @ X_training_set + V_inv)

#Compute alpha paramater of sigma2 posterior distribution (inverse gamma)
alpha_post = a + len(y_training_set) / 2
r_post = (m.T @ V_inv @ m - mu_post.T @ np.linalg.inv(lambda_post) @ mu_post + 2*b + y_training_set.T @

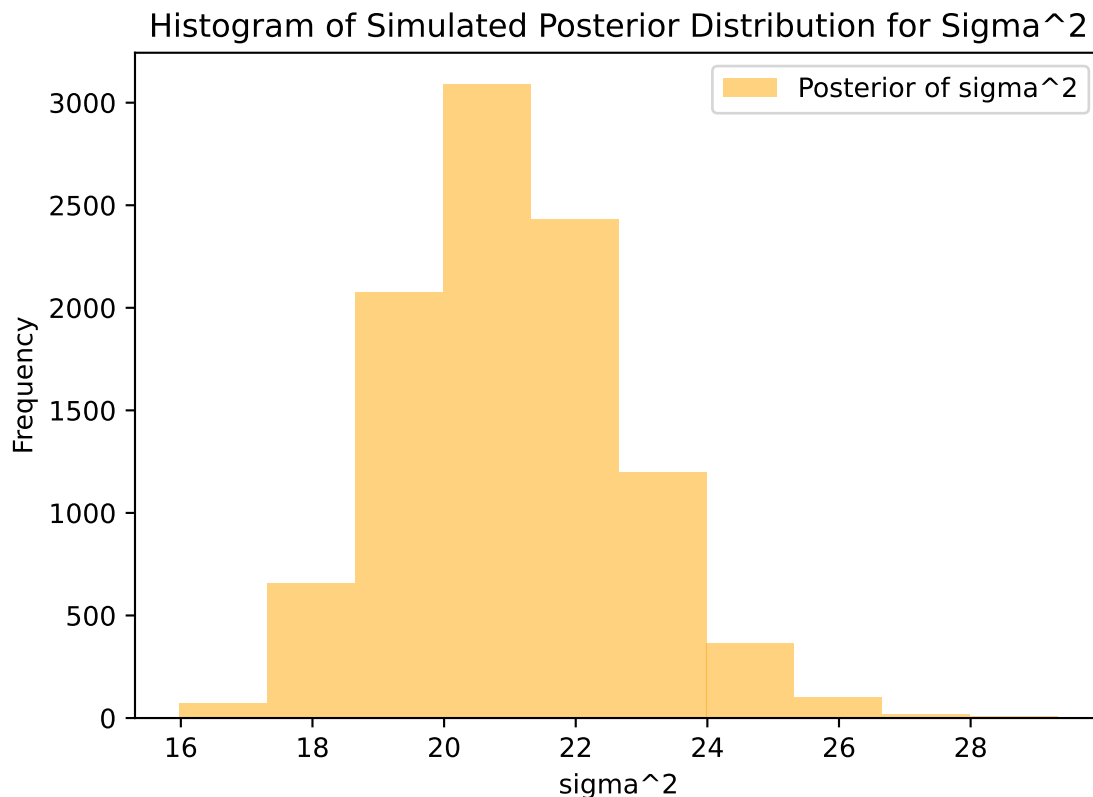
# Step 4: Drawing sigma2 from the inverse gamma distribution
sigma2 = 1 / np.random.gamma(shape=alpha_post, scale=1/r_post, size=sampling_size)

#Create the vector for beta_hat
beta_hat = np.zeros((sampling_size, num_predictors))

for i in range(sampling_size):
    beta_hat[i, :] = np.random.multivariate_normal(mu_post, lambda_post * sigma2[i])

plt.hist(sigma2, bins=int(sampling_size/1000), alpha=0.5, color='orange', label='Posterior of sigma^2')
plt.xlabel('sigma^2')
plt.ylabel('Frequency')
plt.title('Histogram of Simulated Posterior Distribution for Sigma^2')
plt.legend()
plt.show()

```




```

colors = LinearSegmentedColormap.from_list("gradient", ["red", "purple", "blue"], N=num_predictors)
print(len(data.columns[1:num_predictors]))

## 13
#Create new dataframe
beta_estimates = pd.DataFrame(index=data.columns[0:num_predictors], columns=["Beta Estimate", "Estimate

for i in range(num_predictors):

    sorted_beta_hat_i = np.sort(beta_hat[:, i])

    value_at_975 = sorted_beta_hat_i[np.floor(0.975 * sampling_size).astype(int)]
    value_at_25 = sorted_beta_hat_i[np.floor(0.025 * sampling_size).astype(int)]
    beta_estimates.iloc[i, 0] = mu_post[i]
    beta_estimates.iloc[i, 1] = lambda_post[i][i] * sigma2[i]
    beta_estimates.iloc[i, 2] = f"[{value_at_25}, {value_at_975}]"

    # print(f"Best Estimate for Beta (Beta Hat) (mean/mode/median of posterior normal distribution for
    # print(f"Best Estimate for Standard Deviation of Beta {i}: {lambda_post[i][i] * sigma2[i]}")
    # #Print the 95% credible region for beta_hat_i
    # print(f"95% credible region for Beta Hat {i}: ({value_at_25}, {value_at_975})")

    #Create histograms for beta_hat_i
    plt.hist(beta_hat[:, i], bins=int(sampling_size/1000), color=colors(i), alpha=0.5, label=f'Density of {data.columns[i]}')
    plt.axvline(x=value_at_25, color='r', linestyle='--', label='Lower 95% CR Bound for Estimate')
    plt.axvline(x=value_at_975, color='darkred', linestyle='--', label='Upper 95% CR Bound for Estimate')
    plt.axvline(x=mu_post[i], color='b', linestyle='--', label='Posterior Predictor Estimate')

    plt.xlabel(f'idk what to put here')
    plt.ylabel('Frequency')
    plt.title(f'Histogram of Simulated Marginal Posterior Distribution and Confidence Regions for {data.columns[i]}')
    plt.legend()
    plt.figure(figsize=(4, 3))
    plt.show()

```



```
# Get the headers of the DataFrame slice
```

```
print(tabulate(beta_estimates, headers='keys', tablefmt='grid'))
```

```
## +-----+-----+-----+-----+
## |          | Beta Estimate | Estimate for Standard Deviation of Beta | 95% Credible Region
## +-----+-----+-----+-----+
## | Intercept |      11.0318  |                               14.5646  | [3.946606878115984, 18.
## +-----+-----+-----+-----+
## | CRIM      |    -0.0616056 |                               0.00232129 | [-0.15469116697487056, 0.
## +-----+-----+-----+-----+
## | ZN        |     0.0572568 |                               0.000257963 | [0.02658596700236457, 0.
## +-----+-----+-----+-----+
## | INDUS     |    -0.0330521 |                               0.00560885  | [-0.17237520424679378, 0.
## +-----+-----+-----+-----+
## | CHAS      |     3.16254   |                               1.2687     | [1.1610155251465355, 5.1
## +-----+-----+-----+-----+
```

```
## | NX          |      -4.93118      |      8.25029      | [-11.037363333844056, 0.0]
## +-----+-----+-----+-----+
## | RM          |       5.182        |     0.196751     | [4.2951391579171645, 6.0]
## +-----+-----+-----+-----+
## | AGE         |    -0.019571      | 0.000284923     | [-0.05263182751846913, 0.0]
## +-----+-----+-----+-----+
## | DIS         |    -1.05709       |     0.0478072    | [-1.5104479693881239, -0.0]
## +-----+-----+-----+-----+
## | RAD         |     0.139306      |     0.00636567   | [-0.010205753441058563, 0.0]
## +-----+-----+-----+-----+
## | TAX         |   -0.00899644     | 1.92853e-05     | [-0.01744135271660876, -0.0]
## +-----+-----+-----+-----+
## | PTRATIO     |    -0.60559       |     0.0223151    | [-0.8946582982063351, -0.0]
## +-----+-----+-----+-----+
## | B           |     0.0123797     | 1.35205e-05     | [0.0059724981710368216, 0.0]
## +-----+-----+-----+-----+
## | LSTAT       |    -0.344678      |     0.00383218   | [-0.4655930900479551, -0.0]
## +-----+-----+-----+-----+
```

```
#Compute MSE
```

```
training_MSE = np.mean((y_training_set - X_training_set @ mu_post)**2)
```

```
print(f"Training Set Bayesian MSE: {training_MSE}")
```

```
## Training Set Bayesian MSE: 20.272572236526727
```

```
test_MSE = np.mean((y_test_set - X_test_set @ mu_post)**2)
```

```
print(f"Test Set Bayesian MSE: {test_MSE}")
```

```
## Test Set Bayesian MSE: 28.81188423445606
```

