MISSING DATA ANALYSIS IN CLASSIFICATION AND REGRESSION PROBLEMS

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Orientador: Carlos Eduardo Pedreira

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Resumo da Dissertação apresentada à COPPE/UFRJ como parte dos requisitos necessários para a obtenção do grau de Mestre em Ciências (M.Sc.)

ANÁLISE DE DADOS FALTANTES EM PROBLEMAS DE CLASSIFICAÇÃO REGRESSÃO

Pedro Celes Paula Pinto

Novembro/2016

Orientador: Carlos Eduardo Pedreira

Programa: Engenharia de Sistemas e Computação

Em bancos de dados reais a falta de dados é um problema inerente. Vários estudos forneceram ferramentas para melhorar a imputar tais dados com melhor qualidade. Algoritmos de classificação e regressão geralmente esperam que os dados fornecidos a eles estejam completos, o que não é o caso de vários bancos de dados atuais. Por isso este estudo investigou o efeito de dados faltantes na estimação de dados. Para realizar esta pesquisa dezoito bancos disponíveis publicamente foram escolhidos. Cada um teve parte de seus dados retirados artificialmente. Eles foram posteriormente tratados de quatro maneiras diferentes: com imputação por k vizinhos mais próximos, imputação ingênua, e remoção de linhas ou colunas com dados faltantes. Depois disso cada base tratada foi estimada com quatro algoritmos diferentes. Os resultados das estimações depois do tratamento de dados faltantes foram comparados com os da estimação utilizando a base de dados original. Esses mostraram que qual tratamento escolher depende de uma série de fatores como quantidade de dados faltantes, quais atributos tem dados faltantes e se o objetivo da estimação é classificação ou regressão. Em mais de 50% dos casos os métodos mais simples (que removem dados) desempenharam melhor do que os computacionalmente mais complexos. Outro objeto de estudo foi como os dados estão faltando tinham efeito na classificação ou regressão. Os dados foram simulados em estar faltando de duas maneiras, uma enviesada e outra completamente randômica. O resultados mostraram que, ainda que houvesse um grande viés introduzido nas bases de dados, a diferença entre os resultados das estimações desses bancos foram menor que 3% em mais da metade dos casos. Este estudo então conclui com um passo-a-passo sugerido em como abordar dados faltantes em bases de dados a serem utilizadas para regressão ou classificação, baseado nos resultados aqui encontrados.

Abstract of Dissertation presented to COPPE/UFRJ as a partial fulfillment of the requirements for the degree of Master of Science (M.Sc.)

MISSING DATA ANALYSIS IN CLASSIFICATION AND REGRESSION PROBLEMS

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Incomplete databases with missing data is a problem inherent to real world databases. A large set of studies has provided tools to better input data with better quality. Regression and classification algorithms usually expect data to be be fully filled which is not often the case in many of nowadays databases. Therefore this study investigates the effects of missing data in data estimation. To perform such research eighteen publicly available databases were chosen. Each had data artificially missing. The missing data was then treated in four different manners: with k nearest neighbors imputation, naïve imputation, row with missing data removal and columns with missing data removal. After treatment each of the database was estimated with four estimation algorithms 3 decision tree based ones and k nearest neighbor estimator. The results of the estimations after missing data treatment were compared to the results of estimation with the full database. Results show that the treatment method of choice depends on a series of factors as amount of data missing, which attributes have missing data and if the goal is classification or regression. In more than 50% of the cases simplest methods (data removal ones) were prefered than the more computationally expensive one (k nearest neighbors imputation). Another object of study is the difference of how data is missing had on classification or regression. Data was simulated to be missing in a biased and completely random way and results showed that even though great bias was introduced in the training dataset the difference in estimation between both was in more than half the cases lower than 3%. The study then concludes with a suggested step by step approach in how to handle missing data for estimation based on the results presented and suggests further analysis on the topic.

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Chapter 1

Introduction

A number of algorithms for regression and classification have been studied for decades and many of those are quite effective, going from simple ones as the Perceptrons to more complex as the recently popular deep learning neural networks [6, 7]. Most of the successful schemes intrinsically suppose almost perfect datasets that are very infrequent in real world applications. In this paper we approach the effects and possible solutions to incomplete databases trying to contribute in bridging the gap between the design of 'ideal' algorithms and their real world applications.

Missing data has been object of study of many contributions which provided us with different methods to deal with this problem, specially on the area of database and data integrity [8]. The focus of the majority of these contributions is in inputting the missing values trying preserve the supposed original values.

Not enough effort has been done however in analyzing the actual effects of missing data on data estimation. This has been done with great results by SAARTSECHANSKY e PROVOST [9], BRANDEN e VERBOVEN [10], BATISTA e MONARD [11]. However these studies usually focus only on classification problems, have too few variables studied or the research focuses on too few databases. Here all these matters are approached. The focus being the effect of missing data on data estimation. Hence, how close the imputed value is from the original one has meager importance since the actual goal is to observe how different missing data treatments influence the estimation outcome in different scenarios.

Missing data is relevant and not a trivial problem. Values can be missed for different sort of reasons. To illustrate this point in practical problems, a machine might be malfunctioning when registering certain frequencies or people may refuse to answer some questions in a survey. Many times it is assumed that the missing of the data is a completely random phenomenon what may not be fully true, in which case a bias could be introduced in the database.

Here, with the goal of observing how incomplete data influences regression and classification tasks, different publicly available real world databases were tested.

Different scenarios were investigated in a variety of situations with varying degrees of data loss. Four popular algorithms were used both for regression and classification: Decision Tree (CART), Random Forests, Adaboost and K Nearest Neighbors.

The quality of estimation depends, among other factors, on the right choice of estimators, right tuning of those and database feature selection. Although all of these subjects were approached in this work, to provide methods for higher quality estimation or data imputation is out of the scope to this contribution. Our goal is to provide a systematic analysis of how missing data affects data estimation.

This text is divided in six chapters. The first and introductory one aims in setting the background of the scope of this study and give a general outline of what will be found on subsequent chapters. The second chapter is dedicated to literature review. The utlized algorithms for data estimation and missing data treatment are described. In the third chapter the proposed methodology is exposed. The fourth chapter is reserved for the main results and discussion. The fifth chapter exposes final remarks on side results observed on the experiment and the sixth and final chapter concludes the text.

This is the final assignment in order to acquire the Masters degree at UFRJ/COPPE/PESC, it is a result of a collection of many tasks involved on the two and a half years of research which included lesson credits, experiment design and review, literature review and group discussion.

Chapter 2

Literature Review

2.1 Estimation Algorithms

2.1.1 Decision Trees

Decision tree algorithms have been developed and improved since the early 80s. They are used as benchmarks consistently whenever a new or improved classification technique is suggested or classification algorithms are compared [12]. Famous Decision Tree algorithms include ID3, C4.5 and CART [13–15] among many others.

The advantages of decision trees are that they are nonparametric algorithms, relatively fast to train (with a training complexity of $O(n \times |D| \times log(|D|)$ [16] where n is the number of attributes and $|D|$ is the size (number of instances) of database D.

As a result, these algorithms produce a tree where, on each node of the tree the database is split according to some criteria. To predict one instance of the database is simply follow down the tree based on these criterias, as shown in Figure 2.1, an extremely simplistic example to predict a person's sex.

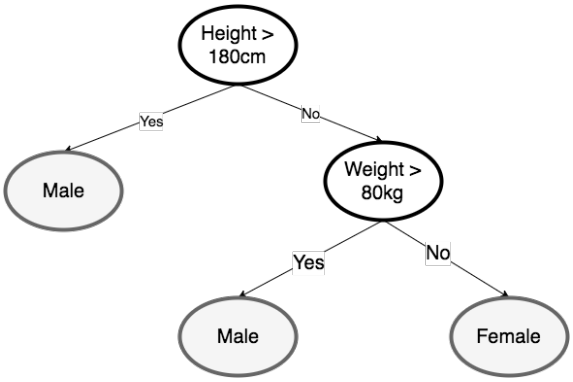


Figure 2.1: Simple decision tree classifying one's sex.

Tree Induction

To execute the tree induction, the algorithm has a recursive and divide and conquer approach. Again let D be a set of tuples representing a classification database with j classes. Let D_i be the subset of D whose class is i and let n be the number of attributes of D. The algorithm starts with a database D, one list of attributes A and one attribute selection method me.

The first step is to create a node N. If all tuples in D are of a same class i return N as leaf node with label i. Conversely if A is empty return N as leaf node with label k, where k is the class which have the highest number of tuples in D.

If this termination conditions are not met use me and A to have a split criteria. If the split criteria decides to split a database on a discrete attribute across all its possible values, take this attribute out of A. Split database D according to the split criteria. For each split, rerun this procedure and attach the resulting nodes to N.

Attribute Split

This is the basis for all decision tree algorithms. Because finding the perfect decision tree is an NP-hard problem [17]. The way the algorithms differ between each other is how they find the split criteria, which is usually a greedy heuristic.

In CART algorithm the split is made based on the Gini Index (G):

$$G(D) = 1 - \sum_{i=1}^{m} p_i^2$$

Where m is the number of different classes in D and p_i is the proportion of class i in D. The lower the Gini Index the purer is the database. The higher the proportion of one class compared to the others, the higher is the term $\sum_{i=1}^{m} p_i^2$ and the lower is G.

One database split will divide D into two databases D_1 and D_2. ΔG is then defined as:

$$\Delta G = G(D) - \frac{|D_1|}{|D|} G(D_1) - \frac{|D_2|}{|D|} G(D_2)$$

The higher the ΔG the purer $D1$ and $D2$ are in respect to D. CART will select the split that provides the higher ΔG.

Different heuristics are used and up to today none have shown dominated results against all the others. The gini index approach suffers in that it is biased towards multivalued attributes and when the number of values in discrete unordered attribute increases, so does the complexity of the Gini Index [16].

Tree Pruning

After the tree is built the result is usually an overcomplicated tree that will likely lead to overfitting. That is why tree pruning is important, it reduces subtrees in the tree to leafs in order to better generalize results. There are two approaches to pruning, one is preprunning, when the construction of the tree is halted before conclusion, thus generating a simpler tree. The other is postpruning, where the full tree is built and then the subtrees are pruned using a defined measure. Postpruning is more commonly used than prepruning [16].

CART starts prunning the tree from its deepest nodes. For each node N it calculates the cost complexity of making a prediction with node N pruned or unpruned. If the cost complexity is lower with the pruned version of the tree, it is pruned at node N. The cost complexity is calculated using a set of tuples independent of the training set used to build the tree and of the test set that will be used for score estimation of such tree.

If the algorithm is being used for regression instead of classification, each leaf node will either hold the mean of the values of the tuples of such node, or a simple linear model for those tuples

2.1.2 Random Forests

Random forests is a bagging algorithm. It will build several decision trees. For each tree a different, but overlapping, subset of the training set is randomly drawn, with replacement, from the original one. This subset is used to build the tree. Moreover at each tree only a subset of the attributes is considered eligible for the attribute split. Which instances and attributes will be used are chosen randomly for each tree, hence the algorithm's name [18].

To make the estimation, if it is a regression, the algorithm will return the mean of each estimation of each tree. If, otherwise, the algorithm is being used for classification each tree will have a vote on the target class and the class with the majority of votes is given as result.

Bagging algorithms such as this are great to reduce variance of the outcome. Moreover, when the tree is deep enough it will have a relatively low bias, however it can become very noisy. Random forests helps to attenuate this noise by reducing variance [19]. Another good characteristics of Random Forests is that the increase in the number of trees does not lead to an increase in overfitting [18].

2.1.3 AdaBoost

The AdaBoost, or adaptive boosting, is, as the name implies, a boosting algorithm. It is considered a meta estimator, since it is not an estimator itself, but uses the results of multiple weak learners (the actual estimators).

The algorithm is bootstrapped with each instance j of the database D receiving an weight $w_j = 1/|D|$. Then for each iteration i an instance of the weak learner (represented by Gi) is trained with the the database D weighted by w. After each iteration the weights are recalculated in a way that the instances that were misclassified receive a higher weight than the ones that were correctly classified. In that way, subsequently learners will focus more on the difficult instances to estimate. Each learner Gi will also receive a weight α_i based on the accuracy of the learner. Higher accuracy equals higher value for α_i. After T iterations of training the result of the estimation is given by $\sum_{i=1}^{T} F(\alpha_i, G_i)$. Where F is a function to compute the weighted value of learner G_i. This function changes depending on the implementation and goal of the estimator (classification or regression) [19].

With this approach the AdaBoost algorithm forces the learner at each iteration to focus more on instances where data estimation is more difficult. Furthermore each learner is weighted on its accuracy, so the most accurate ones will have higher influence on the end result. AdaBoost has been shown to perform well even with extremely simplistic learners [20].

2.1.4 K Nearest Neighbors

Possibly the simplest of the algorithms here presented, the K Nearest Neighbors is used both for data estimation and data imputation. It has the advantage of its training phase being simply storing the training dataset, no calculation done. However the data estimation phase can be time consuming.

The data estimation consists of, given a vector v (which represents the data wanted to be estimated), find the k nearest vectors in the training dataset. Several distance measures can be used, Euclidean being largely adopted. The most common approach to query the nearest vectors is linear search which has complexity $O(n|D|)$, where n is the number of attributes. However more efficient approaches have been developed R-trees [21] being one of the most notorious.

Given the k vectors, classification is given by the majority vote of the classes of the given vectors. Regression is done by giving the mean of such vectors. An alternative approach is to give each vector a different weight, closer vectors receiving higher weights than the further ones.

2.2 Methods For Dealing With Missing Data

Several methods have been proposed to deal with missing data. Some extremely simplistic others using sophisticated models. The majority of the methods propose to substitute the missing value with some other quantity. And they differ in how this substitution is done. Other methods chose to discard the missing data in their analysis. The advantages and disadvantages of each method is often looked at how they distort statistical properties of the database after treatment, i.e. bias, variance. Although these are arguably important considerations, the goal here is to highlight how this distortion will in fact affect the estimation outcome. Hence, only four of these methods were chosen. The choice of those was based on its simplicity and popularity of use.

2.2.1 Listwise and Casewise Deletion

The two simplest methods used require no imputation of data. These two methods are used in the No Rows and No Columns treatment methods that will be thoroughly explained in Section 3.2.3. Listwise deletion is by far more popular than casewise, however the latter was chosen to be studied because of its clear analogy with listwise deletion [8] and because of the interesting results it provided for data estimation.

Listwise deletion has the disadvantage of losing statistical power of the database, since many observation instances can be discarded. Moreover, this can lead to bias on the resultant database [22]. Casewise deletion will result in no bias of the database, however, the loss in statistical power can be overwhelming because it discards every feature from all observations if any of them has missing data

Another famous deletion method used is pairwise deletion. Where the all available information is used and none is inputted. However this method is only suited for statistical analysis that don't require all instances to have the same dimensionality. Which is not true with data estimation, where the algorithms expect to receive tuples of identical shape. Therefore this method is not used.

2.2.2 Imputation Methods

The larger part of the studies that deal with missing values focus on inputting its missing information with an artificial one. The simplest method being inputting missing values with the mean or the mode of the attribute. This mean or mode is computed utilizing the values available of the attribute. This approach although very simplistic leads to feasibility in utilizing all available data for analysis. Nevertheless it can induce to serious bias and statistical distortion on the attribute values. The more clear one being an downsizing in variance [22].

A less simplistic approach is to perform the imputation with the K Nearest Neighbors algorithm. Compared to more complicated approaches this imputation methods has the advantage of needing no predictive model creation. It has the ability to impute both discrete and continuous data. However, as already explained, this method does suffer of performance, especially in large datasets. From a statistical point of view this method forces the attribute being imputed to be much more correlated with the other attributes than it possibly is [11].

These are the four methods here used to deal with missing data. However it is important to acknowledge that there are several others with different approaches and complexities such as Multi Value Imputation, Maximum Likelihood Estimation, Regression Imputation and hot/cold deck imputation [22–24].

Chapter 3

Methodology

3.1 Introduction

The experiment framework can be divided in four main steps, namely: database split, missing data simulation, missing data treatment and finally data estimation. In database split the database is separated in test and train folds. The test fold is, as usual, related to estimations in the unknown population and so it is not used in any steps in model construction, i.e. it is reserved for inferring the out-of-sample performance.

Training folds are used in the second step, that consists in simulating the missing data occurrence. Accordingly, the original train folds have part of the data removed. This is done in two different ways, in a completely random mode and in a biased one. These folds, now with missing values, are used in a third step.

Steps three and four mimic what one would actually do when training an estimator with an incomplete database. The third step is when these databases are fulfilled to produce a dataset without missing values that is followed to the estimators. For each dataset (with missing values) four different treatments were implemented resulting in four different complete datasets. These datasets are followed to the fourth and final step.

In the fourth step, four different estimators are trained with the datasets constructed in the three previous steps. They are also trained with the complete train fold (without any missing data or treatment) for the sake of comparison and evaluation. Accordingly, the performance of each estimator of each treated dataset is compared to the performance of the same estimator with the original complete database.

The results focus on measuring how missing data affects classification and regression. It is not the goal of this contribution to investigate different methods for inputting missing values aiming to improve data estimation, but to analyze the ef-

fects of this missingness on data estimation. Thus, no algorithm tuning or feature selection were performed on step four. Databases were trained as they were received from the previous step and algorithms were instantiated using the software's default parameters. All experiment was run with the help of scikit-learn python library version 0.16 [4].

Missing data can occur due to different causes that were emulated in our experiments. For each different simulated situation (or aspect), steps two, three and four were repeated 100 times and the means and percentiles 25 and 75 of the results were registered. It is important to highlight that datasets test folds were fixed for all these simulations, in order to keep performance results comparable. We follow by describing the different aspects and a thorough explanation of each step is given on the following sections. Figure 3.2 shows a flowchart detailing the experiment.

3.1.1 Aspects Definition

Type of problem : If it is a classification or a regression problem.

Percent of attributes with missing data ($\%A$) : The proportion of attributes that has missing data on the database, rounded up. So a database with 9 attributes and $\%A = 25\%$ would have 3 of its attributes with missing data, since $\lceil 25\% * 9 \rceil = 3$. This variable is computed so it is possible to compare databases with different sizes. So a database with 2 attributes with missing data out of 10 total attributes is comparable with a database with 1 attribute with missing data out of 5. Since they have the same %A. The values for the %A on this study were fixed for all databases [5%, 10%, 25%, 50%, 75%].

Percent of data missing on the attribute ($\%P$) : This is the proportion of data loss in each attribute. So in a database of 1000 rows if an attribute has $\%P = 30\%$ it means 300 of the rows on this attribute will have no data. In the experiment, when a database has more than one attribute with missing data all of these attributes will have the same $\%P$, hence the same number of rows with empty values. However the probability function that defines which rows will be empty is independent from attribute to attribute, so although the number of rows is equal, the rows themselves are not for each column on the database. The $\%P$ values that were studied are 5%, 10%, 20% and 50%.

Estimators : The algorithm that was used to perform regression or classification. Four algorithm were used: Decision Tree (CART), K Nearest Neighbors, Random Forest and Adaboost [13, 18, 20, 25]. These were used with the implementation of scikit-learn classes AdaBoostClassifier, DecisionTreeClassifier, KNeighborsClassifier, RandomForestClassifier for classification and Ad-

aBoostRegressor, DecisionTreeRegressor, KNeighborsRegressor, RandomForestRegressor for regression.

Treatment Method : The method which was used to treat missing data. Four popular methods were chosen and will be further explained later: Nearest Neighbor Imputation, Naïve Imputation, No Rows and No Columns.

Nature of missingness : Data could be missing completely at random or in a biased way. If a database has a $\%P = 20\%$, on an attribute with missing data, 20% of its values will be missing. When missing completely at random, every row has equal chance to have a missing data. In the biased missing, although the same amount of data will be lacking, each row of the attribute will have different probability of being missing depending on its value.

As to guarantee an accurate comparison, all original databases had initially no missing data. That means that all the missings were due to artificial removal, as it is detailed in following sections.

3.1.2 Estimation Evaluation

Estimation quality was measured differently depending on the type of problem, classification or regression. For classification the metric used was accuracy (Ac):

$$Ac = Y_r/Y_t$$

Where Y_r is the amount of right classifications and Y_t is the total number of classifications made on the test phase.

For regression the metric used was Mean Average Percentage Error (MAPE):

$$MAPE = \frac{1}{n} * \sum_{i=1}^{n} |y_{it} - y_{ip}|/y_{it}$$

Where n is the total number of data predicted, y_{it} is the true value of the data on the ith test instance and y_{ip} is the predicted value of the data for such instance. The greater the value of $MAPE$ the worse the prediction. This is the opposite for Ac. Because of that, graphs showing classification results have the axis where the metric is represented inverted. This is done so that all graphs behave visually similar independently of the type of problem it is representing.

3.1.3 Missing Attributes Selection

When emulating missing data the first step is to define which attributes will have values removed artificially. To choose these attributes randomly proved to be an

inadequate strategy since results had high variations each time other attributes were sampled. To choose weak attributes that had little effect on estimation also proved to show meager results. Since they have little effect on estimation, they have little effect on changing estimation as well when their data is not available.

The target then was to study the effects of missing data on attributes with great effect on estimation, or as we will call it, important attributes. For this we had to do some sort of feature selection. This was done not for data estimation, but to select which attributes would have major effect on estimation itself when its data were missing. There are many methods studied for feature selection like Wrappers and Filters [26]. For this study, though, it we created our own due to its simple and fast approach and the fact that its calculation involves the attribute's data being missing. This method implies in creating an "importance rank". An ordered list of the attributes from most to least important.

To build this rank for each attribute (a_i) in a database of n attributes, estimation was run on the database using all attributes but a_i. Then the estimation evaluation was calculated. The worse the estimation the more important a_i is considered, since this is a measure of how its absence was detrimental to the estimation. The results are then sorted, descending order for regression and ascending for classification. The first attributes being the more important ones.

Figure 3.1 shows an example for the Bike Sharing database importance rank calculation which was done with the DecisionTreeRegressor estimator. Attribute number 3 is considered the most important one because its absence was the one that produced the highest error. In order to guarantee the correct rank positions, this experiments was repeated 100 times for each pair of database/estimator and then the rank for each of these pairs was calculated. The ranks for both classification and regression can be seen on Tables 3.1 and 3.2. Only the two of the most important attributes and the least important are shown for each row of the table.

Given a database/estimator rank it is possible to calculate its Importance range (IR), which is defined as:

$$IR = p_f / p_l$$

Where p_f is the performance score of the data estimation without the most important attribute and p_l is the performance score for the data estimation without the least important attribute. IR gives a simple and fast way to acknowledge databases that are strongly dependent on a small set of attributes. The further its values deviates from 1 the more dependent on key attributes the database is. Bike Sharing and Car Evaluation are databases that demonstrate this dependency. The way metrics were calculated makes IR deviates towards ∞ for regression and towards 0 for classification.

Table 3.1: The Importance Ranges and a summary of the attribute rank each Regression Database/Estimator pair

Database	Estimator	Importance Range	Attribute Rank (MAPE %)
Abalone	AdaBoostRegressor	1.09	9 (27.74), 7 (26.32), ..., 4 (25.51)
	DecisionTreeRegressor	1.06	7 (21.89), 9 (21.08), ..., 3 (20.69)
	KNeighborsRegressor	1.06	7 (16.66), 6 (15.92), ..., 0 (15.65)
	RandomForestRegressor	1.06	7 (17.06), 9 (16.38), ..., 2 (16.13)
Airfoil	AdaBoostRegressor	1.60	0 (4.12), 2 (2.85), ..., 1 (2.58)
	DecisionTreeRegressor	2.57	0 (4.27), 2 (1.77), ..., 1 (1.66)
	KNeighborsRegressor	1.30	0 (4.39), 2 (3.93), ..., 3 (3.38)
	RandomForestRegressor	3.34	0 (4.28), 2 (1.39), ..., 1 (1.28)
Bike	AdaBoostRegressor	2.68	3 (682.75), 9 (291.90), ..., 5 (254.54)
	DecisionTreeRegressor	4.10	3 (365.33), 1 (104.62), ..., 9 (89.10)
	KNeighborsRegressor	4.66	3 (382.20), 1 (95.34), ..., 9 (81.94)
	RandomForestRegressor	4.62	3 (373.53), 1 (93.44), ..., 9 (80.77)
California	AdaBoostRegressor	1.14	7 (65.35), 1 (62.96), ..., 0 (57.52)
	DecisionTreeRegressor	1.50	0 (34.74), 1 (33.66), ..., 2 (23.20)
	KNeighborsRegressor	1.15	3 (58.52), 4 (53.25), ..., 0 (50.80)
	RandomForestRegressor	1.49	0 (27.39), 1 (26.49), ..., 2 (18.42)
Compactiv	AdaBoostRegressor	1.19	20 (5.27), 2 (5.08), ..., 18 (4.42)
	DecisionTreeRegressor	1.32	20 (4.16), 2 (3.79), ..., 18 (3.15)
	KNeighborsRegressor	43.33	20 (268.34), 2 (6.82), ..., 8 (6.19)
	RandomForestRegressor	1.39	20 (3.55), 2 (3.19), ..., 18 (2.56)
Mortgage	AdaBoostRegressor	1.10	5 (3.95), 4 (3.68), ..., 3 (3.58)
	DecisionTreeRegressor	1.13	5 (2.01), 4 (1.88), ..., 3 (1.78)
	KNeighborsRegressor	1.04	14 (2.39), 11 (2.37), ..., 7 (2.30)
	RandomForestRegressor	1.14	5 (1.51), 4 (1.43), ..., 3 (1.33)
Wankara	AdaBoostRegressor	2.12	0 (8.78), 1 (4.59), ..., 5 (4.13)
	DecisionTreeRegressor	2.01	0 (9.84), 1 (5.22), ..., 8 (4.90)
	KNeighborsRegressor	2.61	0 (8.29), 1 (4.06), ..., 8 (3.18)
	RandomForestRegressor	2.29	0 (8.03), 1 (3.90), ..., 8 (3.51)
Wine	AdaBoostRegressor	1.08	10 (10.19), 9 (9.92), ..., 1 (9.44)
	DecisionTreeRegressor	1.05	10 (9.63), 9 (9.48), ..., 0 (9.15)
	KNeighborsRegressor	1.11	10 (11.45), 0 (10.86), ..., 5 (10.36)
	RandomForestRegressor	1.04	9 (8.81), 10 (8.79), ..., 3 (8.47)

Table 3.2: The Importance Ranges and a summary of the attribute rank each Regression Database/Estimator pair

Database	Estimator	Importance Range	Attribute Rank (Accuracy %)
Adult	AdaBoostClassifier	0.99	12 (85.13), 5 (85.14), ..., 10 (85.81)
	DecisionTreeClassifier	0.97	2 (78.51), 7 (79.81), ..., 10 (81.04)
	KNeighborsClassifier	0.86	2 (71.64), 0 (76.33), ..., 10 (83.11)
	RandomForestClassifier	0.98	3 (83.21), 9 (83.53), ..., 10 (84.71)
Blood	AdaBoostClassifier	0.97	2 (75.08), 1 (76.24), ..., 3 (77.67)
	DecisionTreeClassifier	0.95	3 (71.04), 0 (72.44), ..., 1 (74.58)
	KNeighborsClassifier	0.98	2 (73.16), 1 (73.94), ..., 3 (74.85)
	RandomForestClassifier	0.97	3 (73.07), 2 (73.22), ..., 0 (75.16)
Car	AdaBoostClassifier	0.53	2 (41.25), 0 (57.56), ..., 3 (78.41)
	DecisionTreeClassifier	0.67	2 (62.88), 4 (72.67), ..., 5 (94.15)
	KNeighborsClassifier	0.76	2 (66.95), 4 (69.90), ..., 5 (87.55)
	RandomForestClassifier	0.67	2 (62.66), 4 (70.11), ..., 5 (93.64)
Credit	AdaBoostClassifier	0.97	13 (83.28), 1 (83.31), ..., 7 (86.04)
	DecisionTreeClassifier	0.95	6 (79.59), 12 (79.95), ..., 7 (83.82)
	KNeighborsClassifier	0.95	12 (66.17), 1 (67.03), ..., 13 (69.57)
	RandomForestClassifier	0.96	11 (84.36), 8 (84.42), ..., 7 (87.55)
Digit	AdaBoostClassifier	0.98	132 (98.19), 96 (98.87), ..., 259 (99.98)
	DecisionTreeClassifier	0.99	64 (92.17), 10 (92.29), ..., 264 (92.74)
	KNeighborsClassifier	1.00	52 (96.52), 115 (96.53), ..., 259 (96.64)
	RandomForestClassifier	1.00	144 (95.28), 57 (95.29), ..., 193 (95.53)
Ecoli	AdaBoostClassifier	0.91	6 (63.29), 3 (65.98), ..., 5 (69.46)
	DecisionTreeClassifier	0.94	6 (74.10), 3 (74.56), ..., 0 (78.92)
	KNeighborsClassifier	0.92	3 (78.99), 6 (79.66), ..., 0 (85.40)
	RandomForestClassifier	0.94	6 (79.01), 3 (79.03), ..., 0 (83.73)
GCredit	AdaBoostClassifier	0.97	12 (73.66), 15 (74.08), ..., 0 (75.77)
	DecisionTreeClassifier	0.97	14 (67.49), 19 (67.57), ..., 0 (69.90)
	KNeighborsClassifier	0.94	4 (64.56), 19 (65.28), ..., 1 (68.73)
	RandomForestClassifier	0.97	15 (72.92), 19 (73.02), ..., 0 (75.14)
Letter	AdaBoostClassifier	0.90	10 (35.24), 4 (35.86), ..., 15 (39.36)
	DecisionTreeClassifier	0.98	2 (84.37), 0 (84.37), ..., 14 (86.28)
	KNeighborsClassifier	0.98	1 (92.13), 2 (92.20), ..., 14 (94.38)
	RandomForestClassifier	0.98	2 (90.58), 3 (90.70), ..., 7 (92.48)
PageBlocks	AdaBoostClassifier	0.98	9 (92.31), 8 (92.66), ..., 3 (94.16)
	DecisionTreeClassifier	1.00	5 (95.93), 9 (96.00), ..., 0 (96.36)
	KNeighborsClassifier	0.99	2 (94.94), 8 (95.03), ..., 1 (95.68)
	RandomForestClassifier	1.00	9 (96.70), 8 (96.71), ..., 0 (97.08)
Yeast	AdaBoostClassifier	0.89	8 (40.14), 1 (40.42), ..., 3 (44.90)
	DecisionTreeClassifier	0.88	7 (46.40), 6 (48.18), ..., 3 (52.80)
	KNeighborsClassifier	0.96	0 (50.28), 7 (50.62), ..., 4 (52.25)
	RandomForestClassifier	0.90	7 (53.50), 6 (53.89), ..., 3 (59.63)

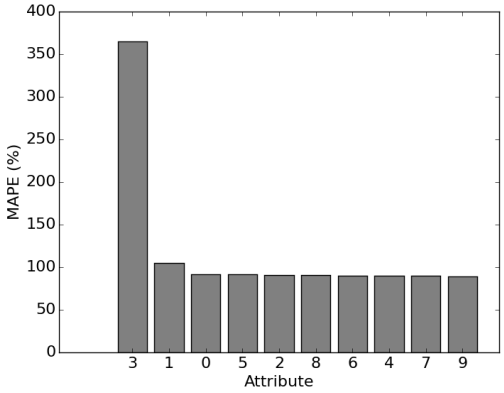


Figure 3.1: Value of $MAPE$ for the Bike Sharing database trained with all attributes except the one on x-axis. The higher the error the more important is the attribute.

3.2 Main experiment

3.2.1 Database Split

As previously described, the first step of the experiment is to split the database into test and training. The training database suffer a series of interventions throughout the process, while the test database will remain intact and will only be used for the estimator evaluation.

Test and training portions of the database are separated randomly and with a proportion of 40% test and 60% training. The training fragment is further split in two chunks with a proportion of 90% and 10%. The 10% chunk, namely "Safety Chunk" will be used for estimation training but won't have any of its data missing. This was necessary to the experiment because the nearest neighbor imputation method needs at least some of the rows of the database to be complete. As %A increases this 10% chunk is necessary to guarantee those intact rows. The 90% chunk is then sent to Missing Data Simulation.

3.2.2 Missing Data Simulation

With %A and %P and estimator specified, the data to be modified (DTBM) chunk enters the missing data simulation stage. The attributes to have missing data are calculated using %A and the ranks for the database and estimator calculated on Section 3.1.3.

For each selected attribute a probability function defines which rows will have missing data. The amount of rows is defined by %P. It is important to note that the %P value is reference to the DTBM database number of rows. Two probability functions are used, the first selects the rows completely at random, with each row having equal probability to be chosen.

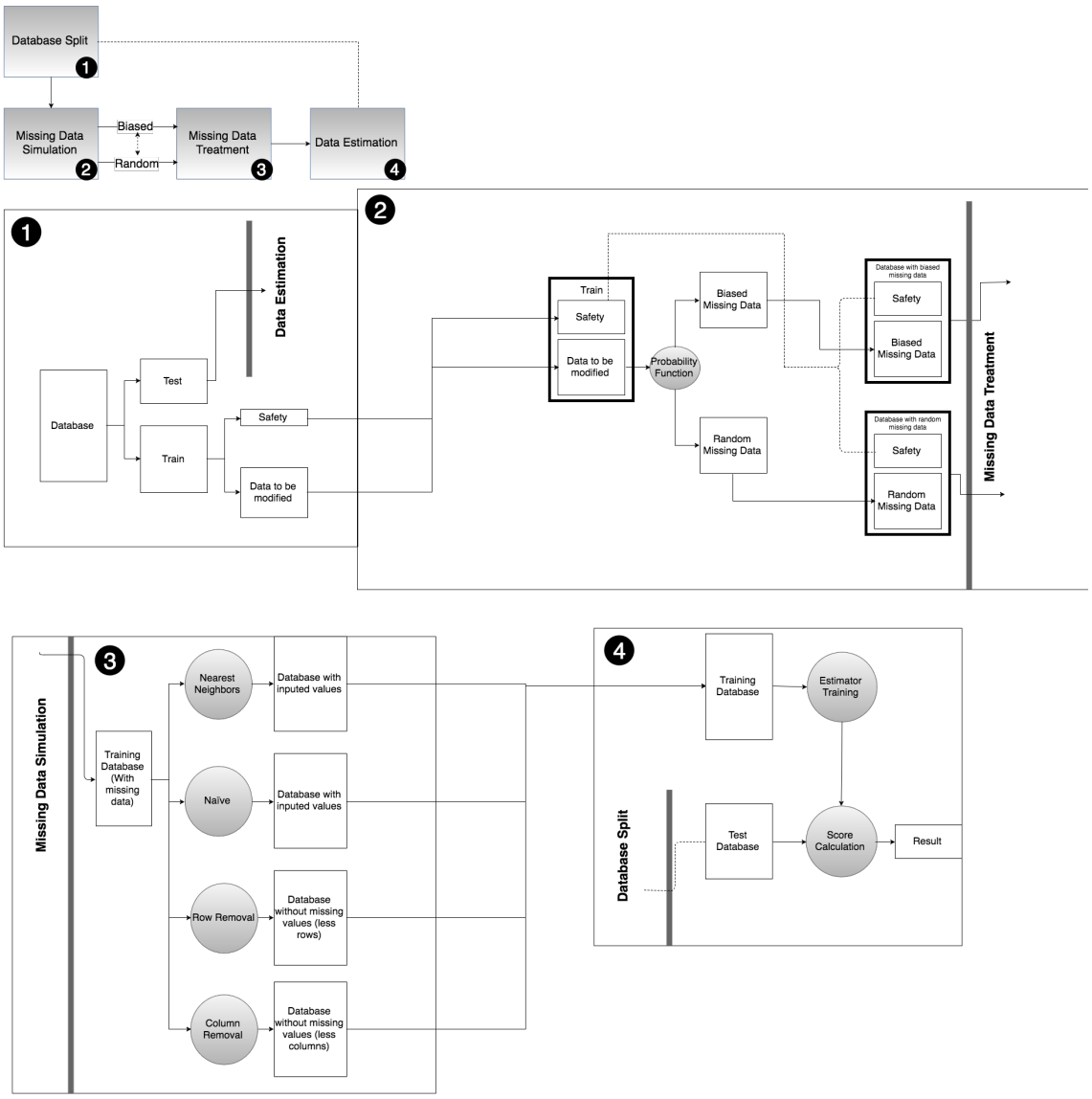


Figure 3.2: Main experiment flowchart.

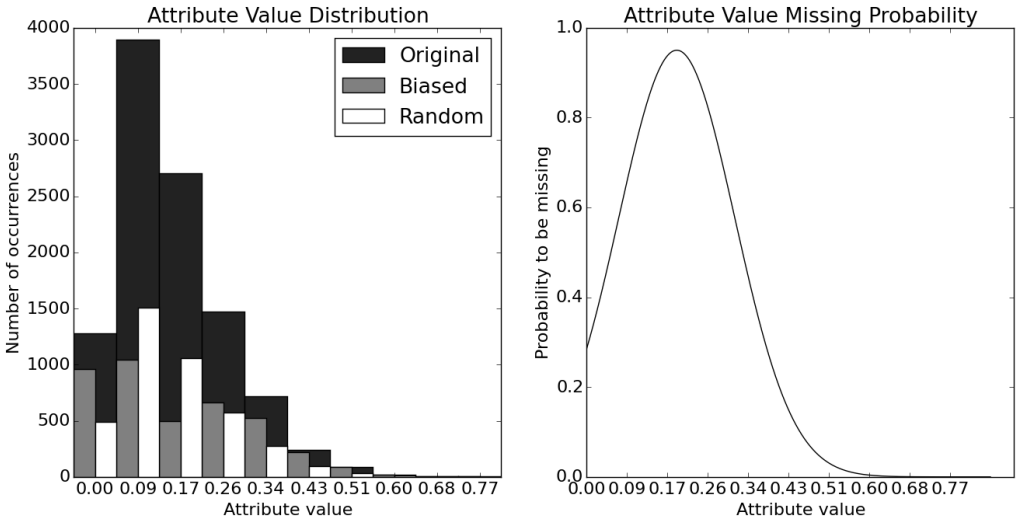


Figure 3.3: On the left: original histogram of the attribute values before missing data simulation and histogram after missing data simulation. On the right: the probability function used to induce biased missing.

In the second function the probability of a row of the attribute to be chosen is based on its value. The probability function used was a gaussian with mean and standard deviation equal to the attribute's. The probability function was normalized so that the max probability of a datum to be missed is 95%, i.e. a value exactly equal to the mean of the attribute will have 95% chance of being missing, the further the value is from the mean the less likely it will be to be missing.

Figure 3.3 shows how the data distribution of the attribute is transformed after its data is missing, as well as the probability function used for the biased missing. It is possible to see that random missing keeps the same distribution shape whilst biased missing severely alters it, introducing bias.

After data is missing DTBM chunk is reunited with Safety chunk to form the training database and are no longer distinguishable.

3.2.3 Missing Data Treatment

Note that in a real world situation the process would start here since the original dataset will already contain missing values, the previous two stages aim to simulate the missing data situation from an original complete dataset.

Of the large gamut of choices to deal with missing data four of the most popular ones were here studied. Many of the other options are permutations or improvements of these four like Hot/Cold Deck Imputation, Pairwise Deletion, All Possible Values Imputation [8]. There are methods from a different spectrum, like Maximization Likelihood Methods, which tries to keep the databases statistical features (variance, mean, ...), however with the necessity of assumption of the data distribution. These

methods were not analyzed here.

Notice that the estimation algorithms used here do not accept null or missing values [1], implying in the need of feeding them with complete training databases. To accomplish that there are two main options: the first is to simply discard any missing value of the training database. As it is mandatory to keep the same dimensionality through all rows, there are two ways missing values can be discarded. The first way, which we are naming "No Rows", consists in discarding any row (instance) that has missing values. With this approach the number of instances used in the training process of the estimator can be severely reduced. The second way, named "No Columns", consists in removing any column (attribute) of the database that has some missing data. This approach is analogous to set $\%P = 100\%$ for any attribute with $\%P > 0$. By doing this the number of instances in the training process remains the same, but any attribute with missing value won't be used for estimation.

The second approach is to keep all information available and to input the missing values in some way. Two courses of action were chosen. The simplest one, called Naïve imputation, inputs every missing data of one attribute with a single value. If the attribute is discrete the value inputted is the mode of the available values in the training database. If the attribute is continuous the value inputted is the mean.

The other scheme, the Nearest Neighbors Imputation, consists in inputting each value differently based on its similarities with other data recorded in the database. Given a row which contains missing values represented by a vector v_r. Let V be a set of vectors representing the rows on the database which have no missing values. V_k is a subset of V with the k nearest vectors to v_r. For each attribute a on v_r with missing data, its value will be inputted as the mean or the mode of a in the vectors in V_k. Like in Naïve imputation, the mean or the mode value is based on the attribute's continuity. Contrary to Naïve imputation the values inputted on each attribute varies depending on vectors V_k.

The selection of V_k is done with the the Nearest Neighbors algorithm [25]. The distance calculated in order to sort the nearest vectors was Euclidean and k was fixed at 20. The Safety Chunk introduced in Section 3.2.1 is to guarantee that V will have k or more vectors.

To calculate the distance and select the V_k only a subset of attributes are considered. These are called backbone attributes and are defined as the ones whose values had no missing data in the whole database. So, if a database D of 5 attributes (0, 1, 2, 3 and 4) has attributes 2 and 4 with missing data, attributes 0, 1 and 3 would be used as backbones.

[1] In fact some implementation of decision trees, like C4.5 might have an inner method to deal with missing data. This was not the case here. Even so it is proven that these inner method does not have great performances [11].

Throughout the imputation process V is never changed, i. e. after a value is inputted it won't be used to calculate the mean or mode to input other values since V will be the subset of rows without any missing values **in the beginning of the process**.

An advantage of imputation treatment is that they allow no information loss in the process. However, they might trigger the estimation algorithm to draw wrong conclusions based on ill inputted values. Moreover the nearest neighbor approach can be computationally consuming making its application infeasible in certain use cases.

3.2.4 Data Estimation

The final step is the data estimation. Firstly, the estimator is trained using the complete training database (with all of its original values). Its evaluation will be used as benchmark. Then the estimator is trained with each of the training database resultant of the different treatment methods.

The calculation begins with the training of the estimator with the given database. After training is completed the estimator makes predictions using as input, values of the attributes from the test database. Formerly the predictions are compared to the real values of the test database using MAPE for the performance metric of regression databases and accuracy for classification databases.

Figure 3.4 shows an example of the Wankara database with $\%A = 10\%$ and $\%P = 50\%$. The estimator used was the Decision Tree Regressor, the experiment was run, for this example, 10 times. From the result we calculate another important value that will be used extensively. The Nonimprovement Range (NR) of a treatment.

$$NR = PM_t/PM_o$$

Where PM_t is the performance metric of one specific treatment method and PM_o is the performance metric of the original database. In this example NR for the Nearest Neighbor Imputation with the biased missing database would be $7.26/4.52 = 1.61$. Nonimprovement Range provides an easy way to compare different databases performances and to efficiently spot good and bad results. High NR in regression means that the treatment deteriorates the estimation. With classification it is the opposite. The results of this step will be presented and discussed in Chapter 4.

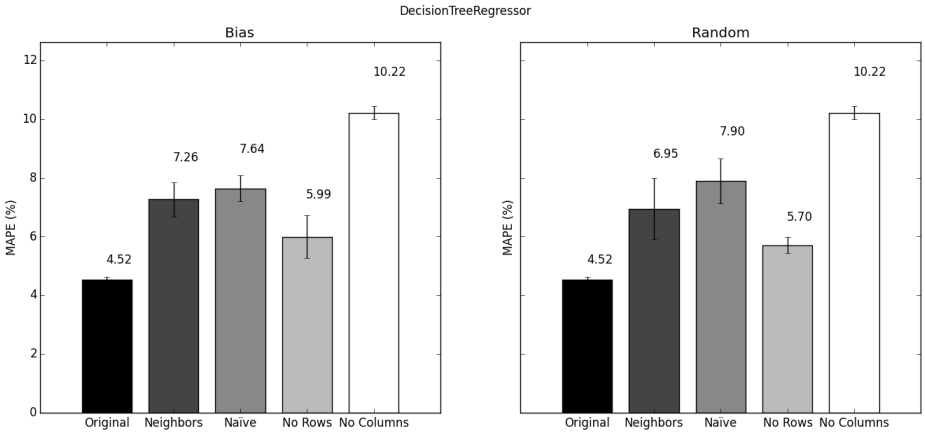


Figure 3.4: Experiment performed 10 times with the Wankara database with Decision Tree Regressor algorithm

3.3 Databases

A total of eighteen publicly available databases were used in this paper. Ten for classification, eight for regression. The choice of these databases aimed to choose from the most different characteristics as possible, i.e. number of observations and attributes, final goal, types of data (discrete, continuous). All databases were taken from the UCI or KEEL repositories [27, 28]. The databases informations are on Tables 3.4 and 3.3.

Table 3.3: Classification databases.

Source	Original Name	Database	Number of Instances	Number of Attributes	Short Description and Goal
UCI	Adult	Adult	30162	15	Estimate if a person makes more than $50K a year based on variables such as location, workclass, etc
UCI	Blood Transfusion Service Center	Blood	748	5	Estimate if a person donated blood on March 2007 based on information about previous donations

UCI	Car Evaluation	Car	1728	7	Estimate one out of 4 possible evaluation classes a car would have based on its tech, price and safety attributes
UCI	Statlog (Australian Credit Approval)	Credit	690	15	Estimate credit card approval based on client's information
UCI	Semeion Handwritten Digit	Digit	1593	266	Estimate the handwritten digit based on a 16x16 pixel image
UCI	Ecoli	Ecoli	336	8	Estimate the localization site of protein on bacteria cells
UCI	Statlog (German Credit Data)	German Credit	1000	21	Estimate if a customer is good or bad payer based on several information about the loan and custumer
UCI	Letter Recognition	Letter	20000	17	Estimate which letter was handwritten based on mesures charachteristics of primitive numerical attributes
UCI	Page Blocks	PageBlocks	5473	11	Estimate all the blocks of the page layout of a document that has been detected by a segmentation process.

UCI	Yeast	Yeast	1484	10	Estimate the localization site of protein on yeast cells

3.4 Synthetic databases

In further chapters, in order to generalize conclusions drawn from the results of the experiments with real world databases, it becomes necessary to replicate this situation with synthetic databases. How each synthetic database is generated differs in each occasion and these differences will be highlighted, however the basic procedure for the database generation is as follows:

With the number of attributes in the database defined (a) and the number of instances (n) a matrix $M_{n\times a}$ is generated where $M_{i,j}$ is a random number in the interval [0, 1]. This matrix represents the values of the attributes of the database. Analogously a matrix $N_{n\times a}$, representing the noise of these values is generated with random numbers in the interval [0, 0.05]. A matrix of weights $W_{a\times 1}$ is also generated with random values in the interval [0, 1].

The target value for estimation is defined as:

$$T_{n\times 1} = M \times W$$

The matrix $D_{n\times(a+1)}$, which represents the synthetic database is defined as:

$$D_{i,j} = \begin{cases} M_{i,j} + N_{i,j}, & \text{if } j \leq a \\ T_{i,1}, & \text{otherwise} \end{cases}$$

If there are changes in how the database generation is performed they will be highlighted. It will mostly involve altering how W is generated and utilizing discrete instead of continuous values.

Table 3.4: Regression databases.

Source	Original Name	Database	Number of Instances	Number of Attributes	Short Description and Goal
UCI	Abalone	Abalone	4177	11	Estimate the age of an abalone shell based on its sex and physical properties
UCI	Airfoil Self-Noise	Airfoil	1503	6	Estimate the scaled sound pressure level of NASA airfoils in wind tunnel experiments
UCI	Bike Sharing	Bike	17379	11	Estimate the amount of people renting bikes at an specific date and time based on calendar and weather conditions
KEEL	California Housing	California	20640	9	Estimate house value based on its location, physical properties and residents size and income
UCI	Compactiv	Compactiv	8192	22	Estimate computer activity based on system use variables
KEEL	Mortgage	Mortgage	1049	16	Estimate the 30 year Convetional Mortgate rate of USA based on weekly economic data
KEEL	Weather Ankara	Wankara	321	10	Estimate mean temperature of the city of Ankara based on wheather information
UCI	Red Wine Quality	Wine	1599	12	Estimate the quality score given by tasters of the wine based on its physical attributes

Chapter 4

Results and Discussions

In this and the following chapters results will be presented and discussed. Three main aspects were the focus of analysis of the effect of missing values in data estimation: How data was missing (with bias or completely at random), how the results are affected with each of the four treatment methods proposed and how the estimators handle missing data.

4.1 How data is missing interfere in estimation

There are three distinct ways data could be missing in a database [29]:

Missing Completely At Random (MCAR) In this case, if a database has missing values the probability of it being missing is equal in all instances. In other words, what governs the missingness of the data is unrelated to the data itself. Although largely assumed, this situation is rarely true [24].

Missing At Random (MAR) If the probability of having missing data is the same in a group defined by observed data. But this probability is different in other groups, this scenario is not studied in this contribution.

Missing Not At Random (MNAR) If the probability of the data being missing is linked to the value of the data itself.

An analogy can be made with a hypothetical database D of student grades survey in which some grades are unavailable. If the probability of a student grade to be missing is equal for all students, than this is a case of MCAR.

However if the probability of the grades to be missing changes between a certain group of data e.g. male students grades have higher probability of missing values than female students. Or undergraduate students have higher probability of not answering their grades on this survey than graduate students. This is a case of MAR.

Table 4.1: Percentage Difference results for the regression databases

Method	Mean (%)	p25 (%)	Median (%)	p75 (%)
Neighbors	2.33	0.39	1.20	2.91
Naïve	5.16	0.48	1.86	4.52
No Columns	0.00	0.00	0.00	0.00
No Rows	1.39	0.20	0.61	1.59

Finally, data could be missing not at random (MNAR). If, for example, students with lower grades were less likely to answer their grades than other students. In this case, the probability of data being missing is linked directly with the data itself (the lower the grade the higher the probability).

Both MAR and MNAR lead to bias on the database analysis [29]. As shown in Section 3.2.2 missing data was emulated in two ways one that mimics MCAR and other the mimics MNAR. Missing data was treated for both cases equally to ascertain if ignoring how data is missing could lead to difference in database estimation.

In order to make this comparison, for each different value of estimator, proportion of attributes with missing data ($\%A$), proportion of rows with missing data ($\%P$) and missing data treatment method, the data estimation performance was recorded for the database with biased missing data (B) and for the database with random missing data (R). The percentage difference (PD) in respect to R was then calculated:

$$PD = \frac{ABS(R - B)}{R} * 100$$

For the Abalone database, with a fixed $\%A$ and $\%P$ of 50%. After two datasets with missing data were generated, one biased and other randomly. These databases were both treated with the Nearest Neighbors method and estimated with the Decision Tree algorithm. The performance of the algorithm was 22.46 % MAPE for the dataset with data missing completely at random and 22.56 % for the dataset with biased missing data. Hence $PD = 0.45\%$ for this scenario. PD was calculated like this for every aspect defined in Section 3.1.1.

Tables 4.1 and 4.2 shows an analysis of PD for the whole experiment. The results show that even though the type of missing data was ignored, differences between the quality of the end result were low.

The first result that deserves attention is the fact that in both regression and classification databases No Columns had 0% difference. This is because it doesn't matter at all how the data is missing since with this method the estimators won't be trained with attributes that have missing data. Thus the estimator will be trained in both cases with the exact same database.

Regression worst results were with the Naïve Imputation method. It scored a

Table 4.2: Percentage Difference results for the classification databases

Method	Mean (%)	p25 (%)	Median (%)	p75 (%)
Neighbors	0.36	0.03	0.12	0.38
Naïve	0.49	0.04	0.14	0.44
No Columns	0.00	0.00	0.00	0.00
No Rows	0.37	0.05	0.16	0.43

Table 4.3: Rank of Percentage Differences per regression database and per treatment method

	Nearest Neighbors		Naïve		No Rows	
Rank	Database	PD Mean (%)	Database	PD Mean (%)	Database	PD Mean (%)
1	Abalone	0.47	Abalone	0.57	Wine	0.45
2	Wine	0.76	Wine	0.86	Abalone	0.53
3	Airfoil	0.97	California House	1.30	Airfoil	0.70
4	California House	1.21	Airfoil	1.86	California House	0.70
5	Mortgage	2.11	Mortgage	2.92	Bike	1.00
6	Compactiv	3.32	Compactiv	3.18	Mortgage	1.61
7	Bike	3.91	Wankara	7.66	Compactiv	1.89
8	Wankara	5.85	Bike	22.90	Wankara	4.21

5.16% difference on average. This is higher than the percentile 75 . Meaning that some databases dragged the mean too much to high values. The median is as low as 1.86%. The other 2 treatment methods scored means below 2.3% and medians below 1.9% which shows little difference of how distinct missing data types affects data estimation.

For the Naïve treatment, the databases which dragged the mean up were Bike Sharing and Wankara. These two had difference means of 22.90% and 7.66% respectively which is higher than the percentile 75 limit. As it can be seen in Table 4.3, no database moves from the bottom to the top half of the rank, independently of the treatment method. Although some minor position changes are noted in each half. And the databases present on the bottom half were the ones with greater importance range.

Classification datasets had even minor score differences. The accuracy difference after treatments were below 0.5% for percentile 75 in all treatments. Once again naïve imputation proved to be the one with the highest scores, whereas arguably in a softer way.

Analyzing when regression error was lower or classifications accuracy was higher

Table 4.4: Rank of Percentage Differences per classification database and per treatment method

	Nearest Neighbors		Naïve		No Rows	
Rank	Database	PD Mean (%)	Database	PD Mean (%)	Database	PD Mean (%)
1	PageBlocks	0.06	PageBlocks	0.06	Digits	0.07
2	Adult	0.07	Adult	0.06	Adult	0.10
3	Digits	0.08	Digits	0.11	PageBlocks	0.14
4	Blood	0.27	Credit	0.28	Car	0.25
5	Credit	0.28	Blood	0.28	Blood	0.29
6	Car	0.44	German Credit	0.56	Credit	0.31
7	Ecoli	0.54	Ecoli	0.62	German Credit	0.35
8	German Credit	0.54	Yeast	0.74	Yeast	0.62
9	Letter	0.57	Car	0.87	Ecoli	0.74
10	Yeast	0.74	Letter	1.30	Letter	0.81

Table 4.5: Number of times databases with random missing performed better than biased missing for each treatment method

Treatment	Classification	Regression
Neighbors	366 (45.75%)	255 (39.84%)
Naïve	385 (48.125%)	184 (28.75%)
No Rows	378 (47.25%)	294 (45.94%)

for either random or biased missing it was not possible to conclude which estimator or database behaved better with each kind, as results were plenty for both. However biased missing did show better results more often, especially with regression databases (Table 4.5).

The true meaning of the magnitude of this results will of course depend on the goal of the estimation. A 1% difference in the error of bike users will hardly be noticed, but in a cancer treatment it can be.

4.2 The treatment methods and estimators effect on the end result

When faced with an incomplete database one will have to choose how to treat it. The treatment option will vary significantly depending on different characteristics of the scenario: which estimator will be used, what is the proportion of missing data,

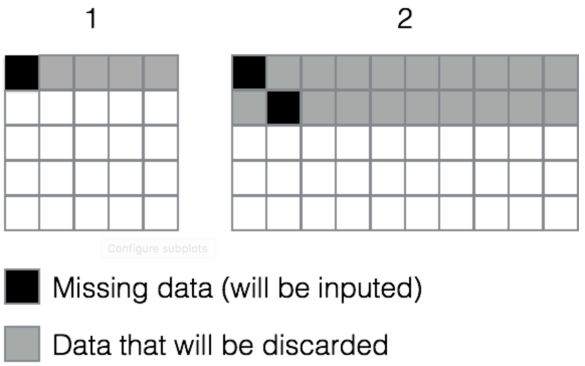


Figure 4.1: No Rows vs imputation methods explained

how many attributes have missing data.

4.2.1 No rows vs Imputation methods and the amount of attributes with missing data

To remove rows which have missing data is one of the simplest and most computationally inexpensive of the methods here studied. Besides its simplicity it will been shown that databases with ease of generalization can have better results if this method is used.

The downside is, obviously, loss of information. Whereas when data is inputted it is risky to be tricking the estimator with a fake value, when one row is discarded all information about it is missed by the estimator. This can lead to problems when plenty of attributes have missing data, because the number of rows discarded grows with the number of attributes. Even if the proportion of missing data remains the same.

That is because as the number of attributes grows, even though the data loss proportion is maintained before treatment, the data loss after treatment grows when removing rows as illustrated in Figure 4.1. In database 1 there is 1 datum missing out of 25 (4%). After removing rows with missing data data loss will be of 5 datums out of 25 (20%). In database 2 the number of datums missing is still at the same proportion (4%, 2 out of 50). However after removing rows with missing datums the information loss increases to 40% (20 out of 50 datums).

If the method utilized is imputation, the black squares will be imputed, possibly poorly, but the estimator will still have all data in the grey squares to work with. The situation worsens if the data that is missing is not a key feature for estimation. That is because the key feature (some other attribute) will not be missing, but will be discarded when removing the row. In that case the better solution is to input the data or to simply discard the attribute, not the row.

To exemplify this situation one experiment was made with synthetically gener-

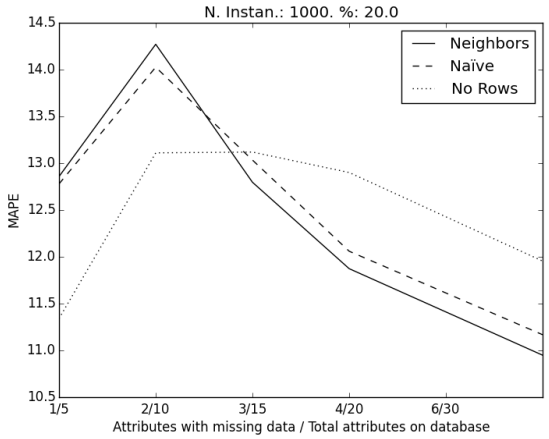


Figure 4.2: As the number of attributes with missing data increases, No Rows becomes a worse choice than the imputation methods.

Table 4.6: Means and percentile 25% and 75% for the experiment.

Missing/Total Attributes	MAPE (p25 - p75) (%) Neighbors	Naïve	No Rows
1/5	12.86 (12.29 - 13.50)	12.78 (12.22 - 13.24)	11.34 (11.00 - 11.64)
2/10	14.27 (13.81 - 14.72)	14.03 (13.31 - 14.54)	13.11 (12.76 - 13.31)
3/15	12.80 (12.38 - 13.11)	13.03 (12.67 - 13.50)	13.12 (12.65 - 13.51)
4/20	11.87 (11.61 - 12.16)	12.06 (11.90 - 12.34)	12.90 (12.36 - 13.38)
6/30	10.95 (10.61 - 11.36)	11.17 (10.83 - 11.45)	11.95 (11.43 - 12.30)

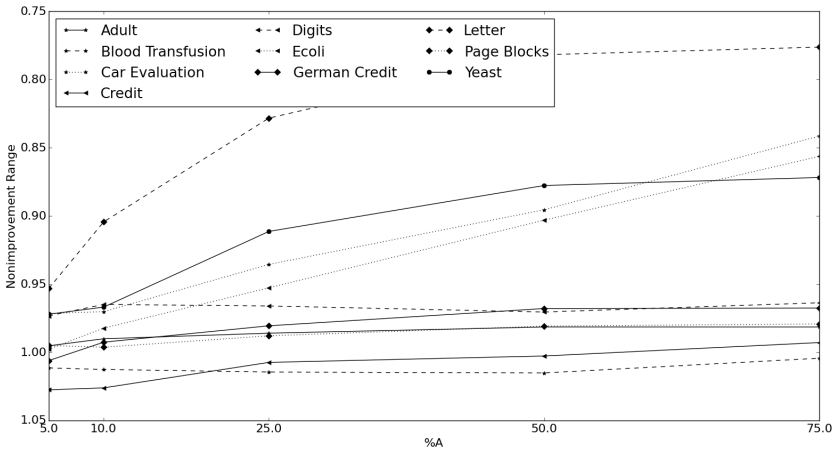
ated databases. 5 different databases with 5, 10, 15, 20, and 30 attributes were generated. Each with 1000 instances. The main experiment explained on Section 3.2 was then run 10 times for each database with $\%P = 40\%$ and $\%A = 20\%$ in order to keep the missing data proportion equal through all databases.

Table 4.6 and Figure 4.2 show the results of this experiment. Even keeping the the proportion of attributes with missing data fixed ($\%A = 20\%$), as the number of attributes grows, removing rows becomes worse than inputting fake data.

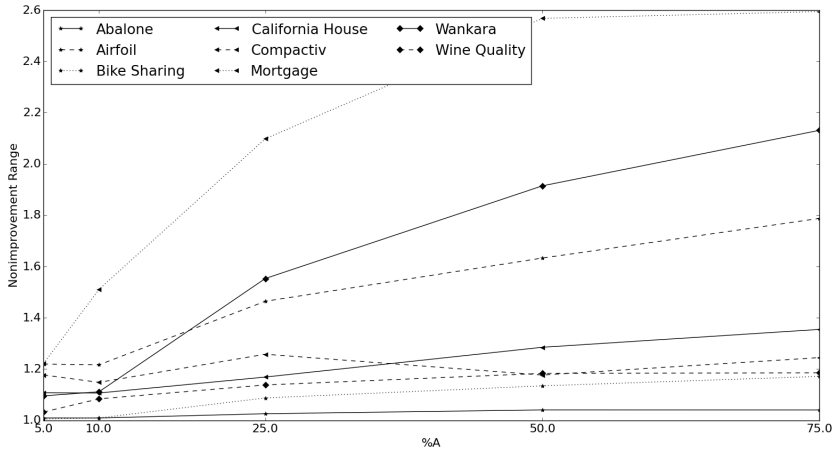
The same effect is increased if the proportion of attributes with missing data increases Figure 4.3 shows how Nonimprovement Range of the No Rows treatment worsens significantly for different databases as $\%A$ increases.

4.2.2 Relation between treatments and importance range

One will have to be extremely careful when data is missing on key features of the database. This is because any data inputted on these features will have great effect on how the estimator will predict the data. An ill inputted value can jeopardize them importance of the attribute and/or the quality of the estimation.



(a) Classification. The y axis is reversed in other to keep visual logic, since small Nonimprovement range is worse for classification databases as different metrics were used.



(b) Regression

Figure 4.3: As the proportion of attributes with missing data (%A) increases the outcome in data estimation gets worse.

The greatest option would be to remove the rows with missing values. Because it is a method that allows to utilize all available data of the key features without tricking estimators with fake values.

No Columns is another method that should be avoided since it prevents any available data from the key features to be used by estimators.

Therefore it is to be expected that these methods that behave poorly under such circumstances have a relation between the estimation quality and the attributes importance.

Figure 4.4 shows how Nonimprovement Range relates to Importance Range with both Neighbors Imputation and No Columns on regression databases. As the magnitude of the Importance Range increases so does the Nonimprovement Range. Meaning that the greater is the importance of a small subset of attributes, and these attributes have missing data, the worse these methods perform.

To make a more thorough analysis, synthetic databases with different Importance Ranges were created and analyzed. Multiple databases were generated . But this time all databases generated had 4 attributes and 1000 instances. Only the Importance Range was changed. To perform this change W was set to [w, 1, 1, 1] and w was varied from 1.25 to 10 in steps of 0.25. The higher the value of w the more dependent the target result was of the first attribute and the greater the Importance Range.

The results found with the real databases could also be reproduced synthetically (Figure 4.5). Although it is worth noting that the importance range was stretched to values much higher than found on the databases used. It is also noticeable that No Columns had stronger and more behaved relation than Neighbors Imputation.

With classification databases this behavior was not clearly seen on the real databases. However with synthetic databases the relation with the No Columns method is clearly seen. But not in Nearest Neighbors Imputation (Figure 4.6).

For the synthetic classification databases the same procedure was used, however the target result was set to 1 if its value was higher than its mean and 0 otherwise. The lack of an observable relation between Importance and Nonimprovement Ranges in the real world classification databases might be related with the fact that the great majority of these databases had Importance Ranges with values extremely close to 1. A broader set of Importance Range values might have shown a more clear relation as the synthetic databases did.

The results here shown are all performed with the Decision Tree algorithm. The same conclusion could be drawn from other tree based estimators, but not from Nearest Neighbors Regressor or Classifier.

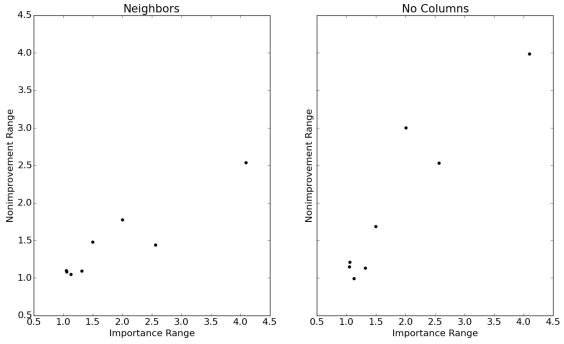


Figure 4.4: Real regression databases Importance Range versus their results for Nonimprovement Range

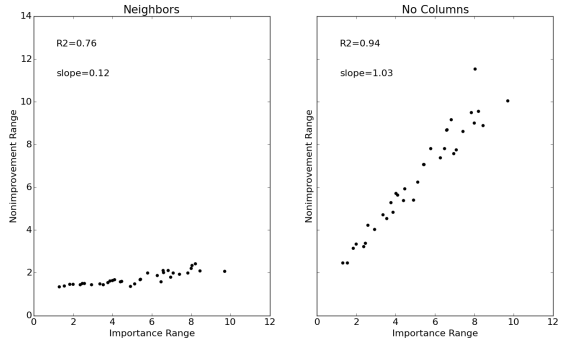


Figure 4.5: Synthetic regression databases Importance Range versus their results for Nonimprovement Range

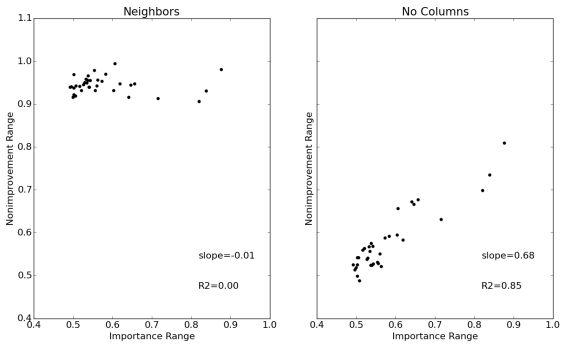


Figure 4.6: Synthetic classification databases Importance Range versus their results for Nonimprovement Range

4.3 Method comparison

In order to more clearly identify differences between how treatment methods affect estimation the difference (Δ) between the Nonimprovement Range of each method was calculated. Where

$$\Delta = ABS(NR_{m_i} - NR_{m_j})$$

and NR_{m_i} Is the Nonimprovement Range for the method m_i.

No Columns method was the one that performed most differently from the others. This is especially true if %P is low and %A is high. In this situation the number of missing data on each attribute is very low, however the number of attributes with missing data is very high. With that, No Columns has to discard a significant amount of columns, whereas not much rows are discarded in No Rows nor values needs to be inputted by the imputation methods. In a scenario where %P = 5% and %A=75% more than half of the results from the other methods differed from No Columns by more than 1 point. This meaning that No Columns jeopardized the result 100% more than the other methods.

In databases with high %P but few attributes with missing data the performance of No Columns method performs better, especially on classification databases. No Rows worsens in respect to the other methods.

In classification databases Naïve Imputation and Nearest Neighbors imputation have almost the same effect on estimation. With Δ being less than 0.01 for 75% of the experiments. The situation is very similar with the regression databases. The exception being when %P is as high as 50% and %A less or equal to 10%, in this situation 25% of the experiments showed differences higher than 0.26.

With low %P and low %A No Rows and the imputation methods showed little differences among them.

By checking the absolute results for each method. Nearest Neighbors, Naïve and No Rows all performed their worse with high values of %P a %A. Wankara and Mortgage were the worst databases is most of cases, with the exception of Nearest Neighbors which performed extremely poorly with Bike Sharing. No Columns had its worst results with the Compactiv database and Nearest Neighbor estimator, it was the only method that could have its performance linked to one specific estimator, while the others were linked with $\%P$ and $\%A$ values.

In classification databases the imputation methods performed worse with the Car and Yeast databases. These were the ones with higher importance ranges for all estimators. No Rows worst results were with the Letter and Yeast database. The worst performance with the Letter database was with the AdaBoost algorithm. This is curious because Letter is one of the databases with higher number of observations, however it is hard for it to be generalized, given the bad results of No Rows

method. No Columns worst results were with Ecoli and Letter databases, however all worst results of this method were only reached with %A=75%, meaning 75% of the attributes were not used in the training of the estimators.

4.3.1 Treatment-method winners

In each experiment the winner treatment method for missing data is defined as the method which does the smallest damage in the estimation quality of the database when compared to the estimation of the complete and original database. Profiling how each treatment method performed with both biased and random missing data and computing which one of the four was the winner in each case, it is possible to realize that besides its rudimentary simplicity, discarding rows or columns with missing data can be the most effective solution. This holds is highlighted when the %A is low, in this scenario discarding missing data is the winner more often than both imputation methods combined. Naïve Imputation (also notorious for its simplicity) wins just occasionally and Nearest Neighbors Imputation tends to win more times as %A increases.

As the theory implies, generalization becomes harder with less training data [30]. This is clearly seen in Figure 4.7 as %A increases, more rows are discarded and less data is used in training which affects generalization and worsens the prediction. Therefore No Rows wins less as %A increases. It can be said that a database is more easily generalized the less data that is needed for an estimator to be trained with. In that sense it is possible to infer how hard is to generalize a data base simply by seeing how worse it performs with less data.

In the regression databases the less generalizable ones were Mortgage, Wankara and Airfoil. The easiest to generalize were Abalone, California House and Wine Quality. An easy or hard generalization though doesn't decide which method perform better. Wankara for example was hard to generalize, but even worse to input. The opposite happens to Wine Quality as it can be seen on Table 4.7.

It is worth noting as well how poor No Columns method performed in many databases such as Bike sharing, Compactive and Wankara. This databases were the ones the showed the highest importance range. This is analogous to the conclusion from Section 4.2.2.

This picture shifts when we look at the classification databases. Removing methods still won more occasionally, and showed the same trend with %A as did with the regression databases. However, this time, No Columns was the major winner instead of No Rows.

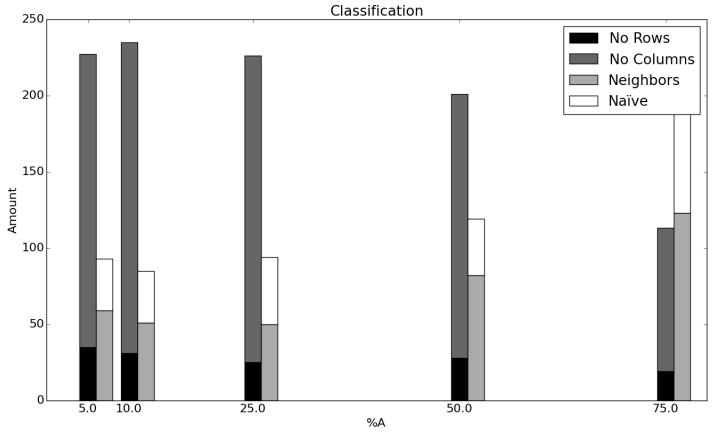
Analyzing Table 4.8 it is noticeable that many databases had means of non-improvement range above 1. Which implicates the results were better than the

Table 4.7: Nonimprovement range means for each database and missing kind/treatment method pair for regression databases.

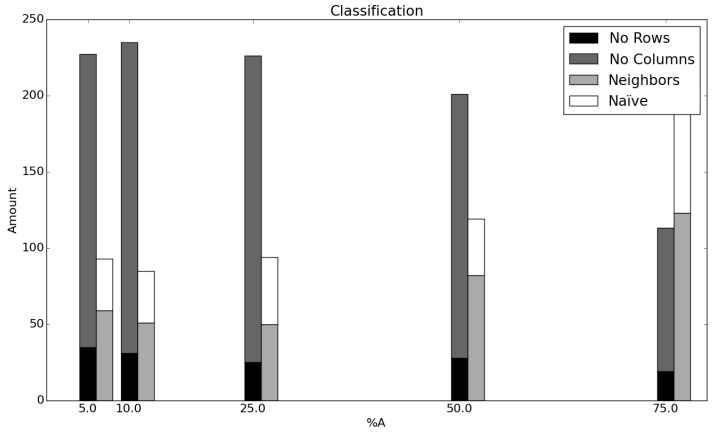
	Biased				Random			
Database	Naïve	Neighbors	No Columns	No Rows	Naïve	Neighbors	No Columns	No Rows
Abalone	1.03	1.03	1.19	1.00	1.04	1.03	1.19	1.00
Airfoil	1.16	1.16	2.26	1.12	1.18	1.17	2.26	1.12
Bike Sharing	1.44	1.90	4.34	1.06	1.17	1.83	4.34	1.06
California House	1.07	1.08	1.57	1.04	1.07	1.09	1.57	1.04
Compactiv	1.02	1.01	14.78	1.08	1.06	1.05	14.78	1.08
Mortgage	1.19	1.10	1.20	1.43	1.22	1.10	1.20	1.45
Wankara	1.23	1.19	4.58	1.18	1.35	1.27	4.58	1.24
Wine Quality	1.01	1.01	1.14	1.05	1.02	1.02	1.14	1.05

Table 4.8: Nonimprovement range means for each database and missing kind/treatment method pair for classification databases.

	Biased				Random			
Database	Naïve	Neighbors	No Columns	No Rows	Naïve	Neighbors	No Columns	No Rows
Adult	1.00	1.00	1.01	0.99	1.00	1.00	1.01	0.99
Blood Transfusion	1.00	1.01	1.03	1.00	1.00	1.00	1.03	1.00
Car Evaluation	0.95	0.96	0.90	0.96	0.96	0.96	0.90	0.96
Credit	1.00	1.00	1.02	0.99	1.00	1.00	1.02	0.99
Digits	1.00	1.00	1.00	0.96	1.00	1.00	1.00	0.96
Ecoli	1.00	1.00	0.92	0.97	1.00	1.00	0.92	0.97
German Credit	1.00	1.01	1.02	0.98	1.01	1.00	1.02	0.98
Letter	1.00	1.00	0.92	0.89	1.01	1.00	0.92	0.89
Page Blocks	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99
Yeast	0.99	0.99	0.96	0.94	0.98	0.99	0.96	0.94



(a)



(b)

Figure 4.7: Winner methods for the databases as the proportion of attributes with missing data $\%A$ increases

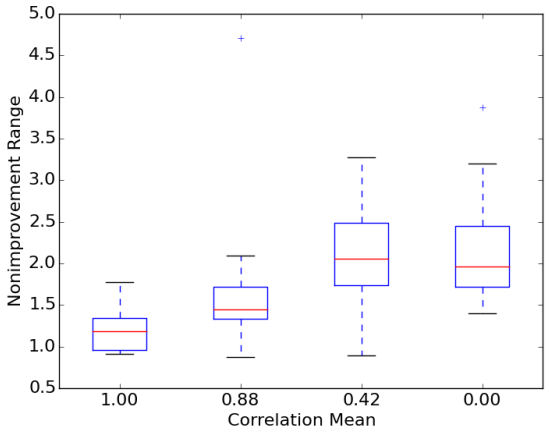


Figure 4.8: Nonimprovement range values for syntehtic databases treated with nearest Neighbors method worsens as the correlation of backbone attributes diminishes.

complete database for classification. This matter will be approached at Chapter 5.

4.4 Nearest Neighbors quality and attribute correlation

In the experiments the Nearest Neighbors Imputation treatment method showed to be orders of magnitude more computationally expensive than the other methods. This situation is aggravated as the size of the database increases both horizontally and vertically. Moreover, as to have a descent imputation result, this method is dependent on the correlation between the attributes that are used to calculate the distance and the attribute where data is being inputted.

As it is possible to see in Figure 4.8 as the means of the correlation of the backbone attributes decrease, the Nonimprovement Range increases, reaching values more than 2 times worse from the lowest correlation to the highest. Another problem faced by this method is that depending on the size of the database and the amount of missing data, it can be impractical to run this kind of imputation. This leads to two other solutions based on the attributes correlation.

If the attributes correlation is bad, imputation by nearest neighbors will most likely conclude to poor results and is possibly not the best method of choice. If, nonetheless, the attribute correlation is high and there are few attributes with missing data (on the study of Figure 4.8 they were as few as 1), these attributes can be discarded and not used in the training of the estimators. This can be done because a great deal of the information held by the missing attributes will be found on the other complete attributes because of their high correlations.

Chapter 5

Final Remarks

This chapter focuses to offer explanation to initially eccentric results found on this study. Firstly an explanation is provided into why some estimation results performed **better** after missing data simulation and treatment when compared with the estimation using the original, complete, database.

Formerly a conclusion is drawn, and proved empirically in how and why decision tree algorithms can achieve greater performance with Naïve imputation than with Nearest Neighbors Imputation.

5.1 Better results after missing data treatment

Some results performed better after data were artificially removed and treated. This happened mainly with the AdaBoost estimators. Primarily this study is not interested in how well an estimator performs on a given database. This study is concerned in how poorly the estimator performs against itself comparing its performance in the same database with and without missing data.

That being said all estimators here studied are instantiated using their default parameters, in order words, no tuning was done on them. In few cases these resulted in estimators performing rather poorly. These happened way more often with the AdaBoost estimators. That is because this is actually a meta estimator that uses different instances of Decision Trees to boost its estimation powers [20]. However in its default parameters AdaBoost estimators uses extremely simple decision trees with max depth of only one.

By tuning this estimator with more complex trees the oddness of estimators performing better with missing data disappeared. Much because the quality of estimation was way higher as can be seen on Tables 5.1 and 5.2 on examples in both regression and classification databases.

Another case where the number of this odd situations occurred more frequently than others was with the No Columns treatment. In this scenario what is actually

Table 5.1: MAPE (%) results for California House regression database and AdaBoost shows that when this algorithm is used with complex trees, using the complete database performs better

Tree Kind	Complete Database	Neighbors	Naïve	No Rows
Simple Tree	53.52	43.92	42.28	48.54
Complex Tree	16.40	24.65	24.97	22.42

Table 5.2: Accuracy (%) results for Letter classification database and AdaBoost shows that when this algorithm is used with complex trees, using the complete database performs better

Tree Kind	Complete Database	Neighbors	Naïve	No Rows
Simple Tree	38.6250	39.4750	40.4875	19.125
Complex Tree	86.0125	77.9625	81.2500	66.400

being compared is the training of the estimator with the full set of attributes versus a subset of it. Which is a problem of feature selection. Since the right subset of features can perform better than the full set [31], these cases just illustrate these occasions.

In as much as it is not our primary goal to tune estimators nor to achieve perfect feature selection. Moreover, because of the number of experiments that were done, these improvements would be computational infeasible, these "odd" results were kept as they were so that all experiments can be compared equally. Hence although shown that algorithm tuning and and/or feature selection would mitigate these results, it would be infeasible to do these improvements on every experiment. Therefore, in order to keep the results comparable these improvements were not done on any experiment, including the ones exampled above.

5.2 Nearest Neighbors vs Naïve imputation

In the Bike Sharing regression database something curious happened. The results for nearest neighbors imputation were way worse than for naïve imputation and usually these two imputation methods perform in similar fashion. This happened in tree based estimators as it can be seen on Figure 5.1.

For this specific database, the most important attribute is discrete, hence its missing value is inputted by mode calculation. The reason for the drastically different outcomes is because, as explained in Section 2.1.1, the CART algorithm splits the database based on one attribute's values. As Naïve Imputation inputs all miss-

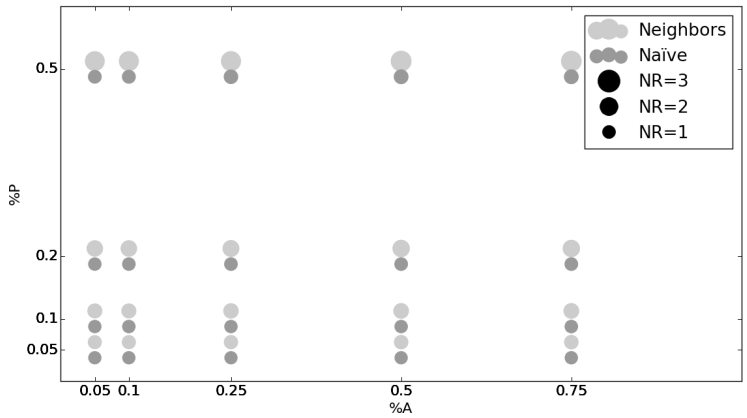


Figure 5.1: Nearest Neighbors vs Naïve imputation Importance ranges for different attributes with missing data proportion ($\%A$) and percentage of missing data on each attribute ($\%P$)

ing data in one attribute with the same value (the mode), CART can easily split out this value, preserving an intact set of values that will lead to a better database split. With Nearest Neighbors imputation this is not possible, since each time a different value can be inputted, and therefore, in the split phase, the algorithm cannot rule-out these values.

To confirm this observation this behavior was reproduced using artificially generated databases as it can be seen in Table 5.3. On every database of this kind the error for Naïve imputation was way lower than for Nearest Neighbors imputation. This behavior was not found and could not be reproduced with other kinds of estimators or with decision tree based estimators where the affected attribute was continuous.

To produce the synthetic databases for this experiment some changes were made generation of synthetic databases from Section 3.4.

$$W_j = \begin{cases} 10, & \text{if } j = 1 \\ 1, & \text{otherwise} \end{cases}$$

In order to make the first attribute discrete, after D is generated $D_{1,j}$ is set to $\lceil D_{1,j} * 10 \rceil$.

This same behavior was not found and could not be reproduced with continuous attributes.

Table 5.3: Mean and percentiles 25% and 75% for the experiment proves that when the attribute with missing data is discrete, Naïve imputation performs better than Nearest Neighbors

# instances	# attributes	MAPE (%) Neighbors (p25 - p75)	MAPE (%) Naïve (p25 - p75)
1000	4	59.27 (48.61 - 68.77)	23.98 (21.21 - 25.49)
2000	4	51.26 (48.87 - 54.80)	15.85 (15.53 - 16.27)
10000	4	33.29 (32.68 - 33.50)	13.68 (11.87 - 14.47)
1000	6	65.06 (62.96 - 66.20)	21.83 (19.50 - 23.15)
2000	6	58.37 (54.68 - 62.70)	15.49 (14.53 - 16.54)
10000	6	65.13 (63.01 - 67.24)	14.50 (14.45 - 14.73)
1000	10	82.43 (71.00 - 92.90)	27.37 (22.48 - 27.68)
2000	10	71.27 (69.20 - 74.28)	20.00 (18.85 - 21.72)
10000	10	69.86 (69.49 - 71.00)	19.97 (14.44 - 24.15)

Chapter 6

Conclusions

This chapter is the culmination of the whole body of the study here presented. In order to interpret and acquire the results necessary the the conclusions drawn below (which were presented in Chapters 4 and 5), a systematic and thoroughly explained experiment scheme was developed and was explained in Chapter 3. These experiments were run on batches of one hundred times for each of the eighteen databases and 640 possible combinations of the different aspects studied. As to better comprehend and compare results from different databases new techniques and measurements were created like the Importance Rank and Range and the Nonimprovement.

The results of this study showed that the effect of missing data on data estimation varies significantly depending on different an oftentimes independent factors. However it was possible to identify patterns among these factors and the outcome.

Choosing the right treatment method is the key to a successful estimation of incomplete databases. The four different methods here studied showed no significantly difference in behavior with the algorithms used for estimation. Their performances were strongly linked however with which attributes had missing data and how much data was actually missing.

Although extremely popular Nearest Neighbor Imputation has shown to be a treatment with important flaws. Firstly, is by far the most computationally expensive of all methods here studied and its runtime is proportional to the database size, which makes it a difficult choice for large databases with a lot of missing data. Secondly its performance is directly linked with the correlation of the target attribute for imputation and the attributes being used for distance calculations. If correlation is high enough this method's performance can be overshadowed by the No Columns method.

With the exception of one specific scenario with regression databases both imputation methods performed extremely similar. Specially in classification databases. In cases where data removal is impratical it is highly probable that Naïve imputation

will perform with results similar to Nearest Neighbors. In other words, if workload is an expensive price to pay, there is a great chance that Naïve imputation can be used instead of Nearest Neighbors without great difference on the outcome.

Contrary to the imputation methods, the data removal methods showed to behave very differently between them. Either one of both were the best choice in the majority of the situations. No Rows was more successful in regression databases and No Columns in classification ones. It is noticeable, however, that the way attributes were selected in the missing data simulation (from the most to the least important) is a clear disadvantage for the No Columns method. This is probably the reason why it performed better in classification databases, since the number of key attributes in this database was less protuberant than with the regression (the importance range of the majority of the classification databases were closer to 1 whereas the regression databases diverged more significantly).

As how data is missing, it was shown that although it induces serious bias in the database the fact that the data is missing is more hurtful than them the bias introduced. Therefore, although the damage had great magnitude in some cases, the difference between data Missing Completely at Random (MCAR) to Missing not at Random (MNAR) was not significant in most cases.

All said, although each case has to be considered singularly, a general course of action would be to first infer the importance of the attributes with missing data, if they are not significant No Columns method is one that will allow no observation loss in the training process and will perform fastly. Nevertheless, if attributes which are missing are indeed important No Rows may be a feaseble choice depending on the amount of missing values. However if data generalization is poor and an imputation is required Nearest Neighbor will provide a greater gamut of inputation thechniques, notwithstanding that a similar result can be achieved with the simpler Naïve Imputation.

6.1 Further studies

Four of the most popular missing data treatment methods were here studied. However they were singularly used among one database. If the number of attributes is high and/or the amount of missing data differs significantly among them a better and more efficient approach might be to use an ensemble of the methods where each is used in a particular case of the database.

This study analyzed broad charachteristics that will be faced when dealing with data estimation and databases with missing data. It however focused on the training process of data estimation. Missing data on testing or estimation process is a different scheme which offer other chalanges. Since data cannot be discarded, as it

has to be predicted. Also, estimators were already trained with specific attributes so attribute removal is out of question asweel, data imputation gains further attention. However in SAAR-TSECHANSKY e PROVOST proposed a successful approach where data imputation is not used, but a large number of estimators are pre-trained with different subsets of attributes. It is yet though an area that deserves further scrutinization.

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Appendix A

Experiment Results

In this chapter there are four tables representing the result of the main experiment of this contribution. The first row of each table is a tuple representing the database, the estimator, the $\%A$ and the $\%P$ that each experiment was run. Because of the lack of space the estimator name was shortened to its first letter.

For each line of the tables the experiment was run 100 times. The other columns represent the Nonimprovement Range result for each treatment method. The result appear in the form of $A(p25 - p75)$. Where A is the average result of the 100 times run, $p25$ and $p75$ are the percentiles 25% and 75%, respectively.

Table A.1: Results for the classification databases with biased missing

(Adult, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Adult, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Adult, A, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)
(Adult, A, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)
(Adult, A, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 1.00)
(Adult, A, 0.5, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)
(Adult, A, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	1.00 (1.00 - 1.00)
(Adult, A, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	1.00 (1.00 - 1.00)
(Adult, A, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	0.99 (0.99 - 1.00)
(Adult, A, 0.75, 0.5)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.95 (0.95 - 0.95)	0.99 (0.99 - 0.99)
(Adult, D, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.05, 0.5)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Adult, D, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Adult, D, 0.1, 0.5)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 1.00)
(Adult, D, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Adult, D, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 1.00)
(Adult, D, 0.25, 0.5)	0.99 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.98 - 0.99)
(Adult, D, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (0.99 - 1.00)
(Adult, D, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 1.00)
(Adult, D, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 1.00)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Adult, D, 0.5, 0.5)	0.99 (0.99 - 0.99)	0.99 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.98 (0.98 - 0.99)
(Adult, D, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.00)
(Adult, D, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.02 (1.02 - 1.02)	0.99 (0.99 - 1.00)
(Adult, D, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.02 (1.02 - 1.02)	0.99 (0.98 - 0.99)
(Adult, D, 0.75, 0.5)	0.99 (0.98 - 0.99)	0.99 (0.99 - 0.99)	1.02 (1.02 - 1.02)	0.98 (0.98 - 0.99)
(Adult, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.08 (1.08 - 1.08)	1.00 (1.00 - 1.00)
(Adult, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.08 (1.08 - 1.08)	1.00 (1.00 - 1.00)
(Adult, K, 0.05, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.08 (1.08 - 1.08)	1.00 (0.99 - 1.00)
(Adult, K, 0.05, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.08 (1.08 - 1.08)	0.99 (0.99 - 1.00)
(Adult, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	1.00 (1.00 - 1.00)
(Adult, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	1.00 (1.00 - 1.00)
(Adult, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	1.00 (0.99 - 1.00)
(Adult, K, 0.1, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.09 (1.09 - 1.09)	1.00 (0.99 - 1.00)
(Adult, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.10 (1.10 - 1.10)	1.00 (1.00 - 1.00)
(Adult, K, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.10 (1.10 - 1.10)	1.00 (0.99 - 1.00)
(Adult, K, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.10 (1.10 - 1.10)	1.00 (0.99 - 1.00)
(Adult, K, 0.25, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.10 (1.10 - 1.10)	0.99 (0.99 - 1.00)
(Adult, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	1.00 (0.99 - 1.00)
(Adult, K, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	1.00 (0.99 - 1.00)
(Adult, K, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.09 (1.09 - 1.09)	1.00 (0.99 - 1.00)
(Adult, K, 0.5, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.09 (1.09 - 1.09)	0.98 (0.98 - 0.99)
(Adult, K, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Adult, K, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Adult, K, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.99 - 1.00)
(Adult, K, 0.75, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.97 (0.97 - 0.97)	0.98 (0.98 - 0.99)
(Adult, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Adult, R, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Adult, R, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Adult, R, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)
(Adult, R, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)
(Adult, R, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (0.99 - 1.00)
(Adult, R, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.98 - 0.99)
(Adult, R, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	1.00 (1.00 - 1.00)
(Adult, R, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	1.00 (0.99 - 1.00)
(Adult, R, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	0.99 (0.99 - 0.99)
(Adult, R, 0.5, 0.5)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.95 (0.95 - 0.95)	0.98 (0.98 - 0.99)
(Adult, R, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Adult, R, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.99 - 1.00)
(Adult, R, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.99 - 0.99)
(Adult, R, 0.75, 0.5)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.97 (0.97 - 0.97)	0.98 (0.98 - 0.99)
(Blood Transfusion, A, 0.05, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.05, 0.1)	1.00 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.05, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Blood Transfusion, A, 0.05, 0.5)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.95 - 0.98)
(Blood Transfusion, A, 0.1, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.1, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Blood Transfusion, A, 0.1, 0.2)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Blood Transfusion, A, 0.1, 0.5)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.95 - 1.00)
(Blood Transfusion, A, 0.25, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.03)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.25, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Blood Transfusion, A, 0.25, 0.5)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.99)
(Blood Transfusion, A, 0.5, 0.05)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.02)	0.94 (0.94 - 0.94)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.5, 0.1)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.02)	0.94 (0.94 - 0.94)	0.99 (0.99 - 1.00)
(Blood Transfusion, A, 0.5, 0.2)	0.99 (0.99 - 1.00)	1.01 (0.99 - 1.02)	0.94 (0.94 - 0.94)	0.98 (0.97 - 1.00)
(Blood Transfusion, A, 0.5, 0.5)	0.98 (0.98 - 1.00)	0.99 (0.99 - 1.00)	0.94 (0.94 - 0.94)	0.96 (0.94 - 0.98)
(Blood Transfusion, A, 0.75, 0.05)	0.99 (0.98 - 1.00)	1.00 (0.99 - 1.01)	0.98 (0.98 - 0.98)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.75, 0.1)	0.99 (0.98 - 1.00)	1.00 (0.99 - 1.01)	0.98 (0.98 - 0.98)	0.99 (0.98 - 1.01)
(Blood Transfusion, A, 0.75, 0.2)	0.99 (0.98 - 1.00)	1.00 (0.99 - 1.01)	0.98 (0.98 - 0.98)	0.97 (0.96 - 0.99)
(Blood Transfusion, A, 0.75, 0.5)	0.98 (0.97 - 0.99)	0.99 (0.98 - 1.01)	0.98 (0.98 - 0.98)	0.93 (0.90 - 0.96)
(Blood Transfusion, D, 0.05, 0.05)	1.02 (1.00 - 1.04)	1.01 (1.00 - 1.02)	1.08 (1.07 - 1.09)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.05, 0.1)	1.02 (1.01 - 1.04)	1.01 (0.99 - 1.02)	1.08 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.05, 0.2)	1.03 (1.01 - 1.04)	1.01 (1.00 - 1.03)	1.08 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.05, 0.5)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.04)	1.08 (1.07 - 1.08)	1.01 (0.98 - 1.03)
(Blood Transfusion, D, 0.1, 0.05)	1.02 (1.01 - 1.03)	1.01 (1.00 - 1.02)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.03)
(Blood Transfusion, D, 0.1, 0.1)	1.02 (1.01 - 1.04)	1.02 (1.00 - 1.03)	1.08 (1.07 - 1.09)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.1, 0.2)	1.02 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.07 (1.07 - 1.08)	1.01 (0.99 - 1.02)
(Blood Transfusion, D, 0.1, 0.5)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.04)	1.07 (1.07 - 1.08)	1.01 (0.99 - 1.03)
(Blood Transfusion, D, 0.25, 0.05)	1.02 (1.00 - 1.03)	1.00 (0.99 - 1.01)	1.08 (1.07 - 1.08)	1.01 (0.99 - 1.02)
(Blood Transfusion, D, 0.25, 0.1)	1.02 (1.01 - 1.04)	1.01 (1.00 - 1.02)	1.08 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.25, 0.2)	1.02 (1.01 - 1.04)	1.02 (1.00 - 1.04)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.03)

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	Naïve	Neighbors	No Columns	No Rows
(Blood Transfusion, D, 0.25, 0.5)	1.03 (1.00 - 1.04)	1.02 (1.00 - 1.04)	1.08 (1.07 - 1.08)	1.01 (0.98 - 1.03)
(Blood Transfusion, D, 0.5, 0.05)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.02)	1.08 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.5, 0.1)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.03)	1.08 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.5, 0.2)	1.00 (0.98 - 1.03)	1.01 (0.99 - 1.03)	1.07 (1.07 - 1.08)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.5, 0.5)	1.01 (0.98 - 1.04)	1.02 (1.00 - 1.04)	1.08 (1.07 - 1.08)	1.01 (0.98 - 1.05)
(Blood Transfusion, D, 0.75, 0.05)	1.02 (1.00 - 1.03)	1.01 (0.99 - 1.03)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.03)
(Blood Transfusion, D, 0.75, 0.1)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.03)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.03)
(Blood Transfusion, D, 0.75, 0.2)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.04)	1.08 (1.07 - 1.08)	1.02 (1.00 - 1.03)
(Blood Transfusion, D, 0.75, 0.5)	0.99 (0.96 - 1.02)	1.00 (0.98 - 1.03)	1.08 (1.07 - 1.09)	1.01 (0.97 - 1.04)
(Blood Transfusion, K, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.00)
(Blood Transfusion, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.05, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.06 (1.06 - 1.06)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.05, 0.5)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.06 (1.06 - 1.06)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.1, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.06 (1.06 - 1.06)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.1, 0.5)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.06 (1.06 - 1.06)	0.99 (0.98 - 1.01)
(Blood Transfusion, K, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.00)
(Blood Transfusion, K, 0.25, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.02)
(Blood Transfusion, K, 0.25, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.06 (1.06 - 1.06)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.25, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.06 (1.06 - 1.06)	1.00 (0.98 - 1.02)
(Blood Transfusion, K, 0.5, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.02 (1.02 - 1.02)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.5, 0.1)	1.00 (1.00 - 1.02)	1.00 (0.99 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.02)
(Blood Transfusion, K, 0.5, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.02 (1.02 - 1.02)	1.00 (0.98 - 1.01)
(Blood Transfusion, K, 0.5, 0.5)	1.00 (0.98 - 1.01)	1.01 (0.98 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.97 - 1.03)
(Blood Transfusion, K, 0.75, 0.05)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.75, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	1.00 (0.98 - 1.01)
(Blood Transfusion, K, 0.75, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	1.01 (1.01 - 1.01)	1.00 (0.98 - 1.02)
(Blood Transfusion, K, 0.75, 0.5)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.03)
(Blood Transfusion, R, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)
(Blood Transfusion, R, 0.05, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.05, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.00 (0.98 - 1.02)
(Blood Transfusion, R, 0.1, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.1, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.00 (0.98 - 1.02)
(Blood Transfusion, R, 0.1, 0.2)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.03)	1.00 (0.98 - 1.02)
(Blood Transfusion, R, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.01 (0.98 - 1.03)
(Blood Transfusion, R, 0.25, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.25, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.01)
(Blood Transfusion, R, 0.25, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.25, 0.5)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.03)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.02)
(Blood Transfusion, R, 0.5, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.00 (0.98 - 1.01)
(Blood Transfusion, R, 0.5, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)
(Blood Transfusion, R, 0.5, 0.2)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.03)
(Blood Transfusion, R, 0.5, 0.5)	1.00 (0.98 - 1.03)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.00 (0.98 - 1.03)
(Blood Transfusion, R, 0.75, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.03 (1.02 - 1.04)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.75, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	1.02 (1.01 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.75, 0.2)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.02 (1.01 - 1.04)	1.01 (0.98 - 1.03)
(Blood Transfusion, R, 0.75, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.03)	1.02 (1.01 - 1.03)	1.00 (0.97 - 1.02)
(Car Evaluation, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Car Evaluation, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.05, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.00)
(Car Evaluation, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.00)
(Car Evaluation, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.00)
(Car Evaluation, A, 0.25, 0.05)	0.94 (0.90 - 0.97)	0.96 (0.94 - 0.98)	0.90 (0.90 - 0.90)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.25, 0.1)	0.92 (0.90 - 0.90)	0.95 (0.90 - 0.97)	0.90 (0.90 - 0.90)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.25, 0.2)	0.91 (0.90 - 0.90)	0.91 (0.90 - 0.90)	0.90 (0.90 - 0.90)	0.99 (0.98 - 1.01)
(Car Evaluation, A, 0.25, 0.5)	0.90 (0.90 - 0.90)	0.90 (0.90 - 0.90)	0.90 (0.90 - 0.90)	0.94 (0.90 - 1.01)
(Car Evaluation, A, 0.5, 0.05)	0.94 (0.92 - 0.96)	0.97 (0.95 - 0.99)	0.79 (0.79 - 0.79)	0.99 (0.97 - 1.00)
(Car Evaluation, A, 0.5, 0.1)	0.92 (0.90 - 0.95)	0.94 (0.92 - 0.97)	0.79 (0.79 - 0.79)	0.99 (0.97 - 1.00)
(Car Evaluation, A, 0.5, 0.2)	0.89 (0.86 - 0.92)	0.90 (0.88 - 0.94)	0.79 (0.79 - 0.79)	1.00 (0.98 - 1.02)
(Car Evaluation, A, 0.5, 0.5)	0.82 (0.78 - 0.85)	0.79 (0.73 - 0.85)	0.79 (0.79 - 0.79)	0.89 (0.82 - 0.95)
(Car Evaluation, A, 0.75, 0.05)	1.00 (0.95 - 1.06)	0.95 (0.90 - 1.01)	0.86 (0.86 - 0.86)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.75, 0.1)	1.02 (1.01 - 1.05)	0.95 (0.90 - 1.01)	0.86 (0.86 - 0.86)	0.99 (0.98 - 1.01)
(Car Evaluation, A, 0.75, 0.2)	1.02 (1.01 - 1.04)	0.98 (0.95 - 1.02)	0.86 (0.86 - 0.86)	0.97 (0.94 - 1.02)
(Car Evaluation, A, 0.75, 0.5)	1.00 (0.98 - 1.02)	0.97 (0.95 - 1.00)	0.86 (0.86 - 0.86)	0.88 (0.80 - 0.95)
(Car Evaluation, D, 0.05, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	1.00 (1.00 - 1.00)
(Car Evaluation, D, 0.05, 0.1)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Car Evaluation, D, 0.05, 0.2)	0.99 (0.99 - 0.99)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.99 - 1.00)
(Car Evaluation, D, 0.05, 0.5)	0.98 (0.97 - 0.98)	0.98 (0.97 - 0.99)	0.97 (0.97 - 0.97)	0.97 (0.96 - 0.98)
(Car Evaluation, D, 0.1, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	1.00 (1.00 - 1.00)
(Car Evaluation, D, 0.1, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Car Evaluation, D, 0.1, 0.2)	0.99 (0.98 - 0.99)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.99 - 1.00)

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	Naïve	Neighbors	No Columns	No Rows
(Car Evaluation, D, 0.1, 0.5)	0.98 (0.97 - 0.98)	0.98 (0.97 - 0.98)	0.97 (0.97 - 0.97)	0.97 (0.96 - 0.98)
(Car Evaluation, D, 0.25, 0.05)	0.99 (0.98 - 0.99)	0.99 (0.99 - 1.00)	0.88 (0.88 - 0.88)	1.00 (1.00 - 1.00)
(Car Evaluation, D, 0.25, 0.1)	0.98 (0.97 - 0.98)	0.98 (0.97 - 0.99)	0.88 (0.88 - 0.88)	0.99 (0.99 - 1.00)
(Car Evaluation, D, 0.25, 0.2)	0.96 (0.96 - 0.97)	0.96 (0.96 - 0.97)	0.88 (0.88 - 0.88)	0.98 (0.97 - 0.99)
(Car Evaluation, D, 0.25, 0.5)	0.95 (0.94 - 0.95)	0.94 (0.93 - 0.95)	0.88 (0.88 - 0.88)	0.94 (0.93 - 0.95)
(Car Evaluation, D, 0.5, 0.05)	0.97 (0.96 - 0.98)	0.98 (0.98 - 0.99)	0.84 (0.84 - 0.84)	0.99 (0.99 - 1.00)
(Car Evaluation, D, 0.5, 0.1)	0.95 (0.94 - 0.96)	0.97 (0.96 - 0.97)	0.84 (0.84 - 0.84)	0.99 (0.98 - 0.99)
(Car Evaluation, D, 0.5, 0.2)	0.93 (0.92 - 0.94)	0.94 (0.93 - 0.95)	0.84 (0.84 - 0.84)	0.97 (0.96 - 0.98)
(Car Evaluation, D, 0.5, 0.5)	0.89 (0.88 - 0.90)	0.90 (0.89 - 0.91)	0.84 (0.84 - 0.84)	0.90 (0.88 - 0.92)
(Car Evaluation, D, 0.75, 0.05)	0.93 (0.92 - 0.94)	0.95 (0.95 - 0.96)	0.71 (0.70 - 0.71)	0.99 (0.98 - 1.00)
(Car Evaluation, D, 0.75, 0.1)	0.88 (0.87 - 0.89)	0.93 (0.92 - 0.94)	0.71 (0.70 - 0.71)	0.98 (0.97 - 0.99)
(Car Evaluation, D, 0.75, 0.2)	0.83 (0.81 - 0.84)	0.88 (0.86 - 0.90)	0.71 (0.70 - 0.71)	0.95 (0.94 - 0.96)
(Car Evaluation, D, 0.75, 0.5)	0.77 (0.74 - 0.81)	0.83 (0.80 - 0.85)	0.71 (0.70 - 0.71)	0.84 (0.82 - 0.87)
(Car Evaluation, K, 0.05, 0.05)	0.99 (0.98 - 0.99)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.98 - 1.00)
(Car Evaluation, K, 0.05, 0.1)	0.98 (0.98 - 0.99)	0.98 (0.97 - 0.99)	0.97 (0.97 - 0.97)	0.98 (0.98 - 0.99)
(Car Evaluation, K, 0.05, 0.2)	0.97 (0.97 - 0.98)	0.97 (0.97 - 0.98)	0.97 (0.97 - 0.97)	0.97 (0.97 - 0.98)
(Car Evaluation, K, 0.05, 0.5)	0.95 (0.94 - 0.96)	0.94 (0.93 - 0.95)	0.97 (0.97 - 0.97)	0.92 (0.91 - 0.93)
(Car Evaluation, K, 0.1, 0.05)	0.99 (0.98 - 0.99)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.98 - 0.99)
(Car Evaluation, K, 0.1, 0.1)	0.98 (0.98 - 0.99)	0.98 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.98 - 0.99)
(Car Evaluation, K, 0.1, 0.2)	0.97 (0.97 - 0.98)	0.97 (0.96 - 0.98)	0.97 (0.97 - 0.97)	0.97 (0.97 - 0.98)
(Car Evaluation, K, 0.1, 0.5)	0.95 (0.95 - 0.96)	0.94 (0.93 - 0.95)	0.97 (0.97 - 0.97)	0.92 (0.91 - 0.93)
(Car Evaluation, K, 0.25, 0.05)	0.98 (0.98 - 0.99)	0.98 (0.97 - 0.98)	0.94 (0.94 - 0.94)	0.99 (0.98 - 0.99)
(Car Evaluation, K, 0.25, 0.1)	0.97 (0.97 - 0.98)	0.97 (0.96 - 0.97)	0.94 (0.94 - 0.94)	0.98 (0.97 - 0.98)
(Car Evaluation, K, 0.25, 0.2)	0.95 (0.94 - 0.96)	0.95 (0.94 - 0.95)	0.94 (0.94 - 0.94)	0.95 (0.94 - 0.96)
(Car Evaluation, K, 0.25, 0.5)	0.92 (0.91 - 0.93)	0.91 (0.90 - 0.92)	0.94 (0.94 - 0.94)	0.86 (0.85 - 0.87)
(Car Evaluation, K, 0.5, 0.05)	0.98 (0.97 - 0.98)	0.97 (0.97 - 0.98)	0.89 (0.89 - 0.89)	0.98 (0.98 - 0.99)
(Car Evaluation, K, 0.5, 0.1)	0.96 (0.96 - 0.97)	0.95 (0.95 - 0.96)	0.89 (0.89 - 0.89)	0.96 (0.95 - 0.97)
(Car Evaluation, K, 0.5, 0.2)	0.93 (0.92 - 0.94)	0.92 (0.92 - 0.93)	0.89 (0.89 - 0.89)	0.92 (0.91 - 0.93)
(Car Evaluation, K, 0.5, 0.5)	0.87 (0.86 - 0.88)	0.87 (0.85 - 0.88)	0.89 (0.89 - 0.89)	0.82 (0.81 - 0.83)
(Car Evaluation, K, 0.75, 0.05)	0.96 (0.96 - 0.97)	0.96 (0.96 - 0.97)	0.75 (0.75 - 0.75)	0.97 (0.96 - 0.97)
(Car Evaluation, K, 0.75, 0.1)	0.93 (0.93 - 0.94)	0.93 (0.92 - 0.94)	0.75 (0.75 - 0.75)	0.93 (0.92 - 0.94)
(Car Evaluation, K, 0.75, 0.2)	0.88 (0.87 - 0.90)	0.88 (0.87 - 0.90)	0.75 (0.75 - 0.75)	0.87 (0.86 - 0.88)
(Car Evaluation, K, 0.75, 0.5)	0.79 (0.78 - 0.81)	0.79 (0.77 - 0.80)	0.75 (0.75 - 0.75)	0.78 (0.77 - 0.79)
(Car Evaluation, R, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.99 (0.98 - 0.99)	1.00 (0.98 - 1.01)
(Car Evaluation, R, 0.05, 0.1)	1.00 (0.99 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.98 - 0.99)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.05, 0.2)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.97 - 1.00)
(Car Evaluation, R, 0.05, 0.5)	0.98 (0.98 - 0.99)	0.98 (0.97 - 0.99)	0.99 (0.98 - 0.99)	0.95 (0.94 - 0.97)
(Car Evaluation, R, 0.1, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.99 (0.98 - 0.99)	1.00 (0.99 - 1.00)
(Car Evaluation, R, 0.1, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.1, 0.2)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.98 - 0.99)	0.99 (0.97 - 1.00)
(Car Evaluation, R, 0.1, 0.5)	0.98 (0.97 - 0.99)	0.98 (0.97 - 0.98)	0.99 (0.98 - 0.99)	0.95 (0.94 - 0.97)
(Car Evaluation, R, 0.25, 0.05)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.91 (0.90 - 0.91)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.25, 0.1)	0.98 (0.97 - 0.99)	0.98 (0.97 - 0.99)	0.91 (0.90 - 0.92)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.25, 0.2)	0.97 (0.96 - 0.98)	0.98 (0.97 - 0.98)	0.91 (0.90 - 0.92)	0.98 (0.97 - 0.99)
(Car Evaluation, R, 0.25, 0.5)	0.95 (0.94 - 0.96)	0.95 (0.93 - 0.96)	0.91 (0.90 - 0.92)	0.91 (0.90 - 0.93)
(Car Evaluation, R, 0.5, 0.05)	0.98 (0.97 - 0.99)	0.99 (0.98 - 1.00)	0.86 (0.86 - 0.87)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.5, 0.1)	0.97 (0.96 - 0.98)	0.97 (0.96 - 0.98)	0.86 (0.85 - 0.87)	0.98 (0.97 - 0.99)
(Car Evaluation, R, 0.5, 0.2)	0.94 (0.93 - 0.96)	0.95 (0.94 - 0.96)	0.86 (0.85 - 0.87)	0.96 (0.94 - 0.97)
(Car Evaluation, R, 0.5, 0.5)	0.90 (0.89 - 0.91)	0.91 (0.89 - 0.92)	0.86 (0.85 - 0.87)	0.88 (0.87 - 0.90)
(Car Evaluation, R, 0.75, 0.05)	0.96 (0.95 - 0.97)	0.97 (0.96 - 0.98)	0.72 (0.72 - 0.73)	0.98 (0.97 - 0.99)
(Car Evaluation, R, 0.75, 0.1)	0.92 (0.91 - 0.93)	0.94 (0.93 - 0.95)	0.72 (0.72 - 0.73)	0.96 (0.95 - 0.98)
(Car Evaluation, R, 0.75, 0.2)	0.88 (0.86 - 0.90)	0.91 (0.89 - 0.92)	0.72 (0.72 - 0.73)	0.93 (0.91 - 0.94)
(Car Evaluation, R, 0.75, 0.5)	0.82 (0.79 - 0.85)	0.83 (0.81 - 0.86)	0.72 (0.72 - 0.73)	0.84 (0.82 - 0.86)
(Credit, A, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.01 (1.00 - 1.02)
(Credit, A, 0.05, 0.1)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.01 (1.00 - 1.02)
(Credit, A, 0.05, 0.2)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.01 (1.00 - 1.02)
(Credit, A, 0.05, 0.5)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.00 (0.98 - 1.01)
(Credit, A, 0.1, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.02)
(Credit, A, 0.1, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.02)
(Credit, A, 0.1, 0.2)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.03)
(Credit, A, 0.1, 0.5)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.99 (0.98 - 1.01)
(Credit, A, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.02)
(Credit, A, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	1.01 (0.99 - 1.02)
(Credit, A, 0.25, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	1.00 (0.98 - 1.02)
(Credit, A, 0.25, 0.5)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.96 (0.93 - 1.00)
(Credit, A, 0.5, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.04 (1.04 - 1.04)	1.01 (1.00 - 1.02)
(Credit, A, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.01 - 1.02)	1.04 (1.04 - 1.04)	1.00 (0.99 - 1.01)
(Credit, A, 0.5, 0.2)	1.02 (1.01 - 1.02)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	0.99 (0.97 - 1.01)
(Credit, A, 0.5, 0.5)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	0.95 (0.92 - 0.99)
(Credit, A, 0.75, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.04 (1.04 - 1.04)	1.00 (0.99 - 1.02)
(Credit, A, 0.75, 0.1)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)	1.04 (1.04 - 1.04)	1.00 (0.99 - 1.01)
(Credit, A, 0.75, 0.2)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)	1.04 (1.04 - 1.04)	0.97 (0.95 - 1.00)
(Credit, A, 0.75, 0.5)	1.00 (0.99 - 1.01)	0.99 (0.98 - 1.00)	1.04 (1.04 - 1.04)	0.95 (0.92 - 0.98)
(Credit, D, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.03 (1.02 - 1.04)	1.02 (1.00 - 1.04)
(Credit, D, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.03 (1.02 - 1.04)	1.03 (1.00 - 1.05)
(Credit, D, 0.05, 0.2)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.03 (1.02 - 1.05)	1.04 (1.02 - 1.05)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Credit, D, 0.05, 0.5)	1.00 (0.98 - 1.01)	1.01 (0.99 - 1.03)	1.03 (1.02 - 1.04)	1.03 (1.00 - 1.04)
(Credit, D, 0.1, 0.05)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.01)	1.03 (1.01 - 1.04)	1.03 (1.00 - 1.05)
(Credit, D, 0.1, 0.1)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.02)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.05)
(Credit, D, 0.1, 0.2)	1.01 (0.99 - 1.02)	1.00 (0.98 - 1.02)	1.03 (1.01 - 1.04)	1.03 (1.00 - 1.05)
(Credit, D, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.03)	1.03 (1.02 - 1.04)	1.02 (1.00 - 1.05)
(Credit, D, 0.25, 0.05)	1.02 (1.01 - 1.04)	1.02 (1.00 - 1.04)	1.05 (1.04 - 1.06)	1.03 (1.01 - 1.05)
(Credit, D, 0.25, 0.1)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.04)	1.05 (1.04 - 1.06)	1.03 (1.00 - 1.05)
(Credit, D, 0.25, 0.2)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.04)	1.05 (1.04 - 1.06)	1.03 (1.01 - 1.05)
(Credit, D, 0.25, 0.5)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.04)	1.05 (1.04 - 1.06)	1.01 (0.99 - 1.05)
(Credit, D, 0.5, 0.05)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.05)	0.98 (0.96 - 0.99)	1.03 (1.00 - 1.05)
(Credit, D, 0.5, 0.1)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.05)	0.98 (0.97 - 1.00)	1.03 (1.00 - 1.05)
(Credit, D, 0.5, 0.2)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.05)	0.98 (0.97 - 0.99)	1.03 (1.01 - 1.06)
(Credit, D, 0.5, 0.5)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.03)	0.98 (0.96 - 0.99)	1.00 (0.98 - 1.04)
(Credit, D, 0.75, 0.05)	1.03 (1.01 - 1.05)	1.03 (1.00 - 1.05)	1.08 (1.07 - 1.08)	1.03 (1.01 - 1.05)
(Credit, D, 0.75, 0.1)	1.02 (1.01 - 1.05)	1.02 (1.00 - 1.04)	1.07 (1.06 - 1.08)	1.03 (1.00 - 1.05)
(Credit, D, 0.75, 0.2)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.03)	1.08 (1.07 - 1.09)	1.02 (0.99 - 1.05)
(Credit, D, 0.75, 0.5)	0.99 (0.96 - 1.01)	0.99 (0.97 - 1.02)	1.08 (1.07 - 1.09)	1.00 (0.95 - 1.06)
(Credit, K, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.01)
(Credit, K, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	1.00 (0.98 - 1.01)
(Credit, K, 0.05, 0.2)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.01)
(Credit, K, 0.05, 0.5)	0.96 (0.95 - 0.98)	0.97 (0.95 - 0.99)	1.01 (1.01 - 1.01)	0.95 (0.93 - 0.97)
(Credit, K, 0.1, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.08 (1.08 - 1.08)	1.00 (0.98 - 1.01)
(Credit, K, 0.1, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	1.08 (1.08 - 1.08)	0.98 (0.97 - 1.00)
(Credit, K, 0.1, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	1.08 (1.08 - 1.08)	0.98 (0.96 - 1.00)
(Credit, K, 0.1, 0.5)	0.97 (0.95 - 0.99)	0.96 (0.94 - 0.99)	1.08 (1.08 - 1.08)	0.95 (0.91 - 0.97)
(Credit, K, 0.25, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.03 (1.03 - 1.03)	0.99 (0.97 - 1.01)
(Credit, K, 0.25, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.03 (1.03 - 1.03)	0.97 (0.95 - 0.99)
(Credit, K, 0.25, 0.2)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	1.03 (1.03 - 1.03)	0.95 (0.92 - 0.97)
(Credit, K, 0.25, 0.5)	0.96 (0.94 - 0.99)	0.96 (0.94 - 0.98)	1.03 (1.03 - 1.03)	0.92 (0.90 - 0.95)
(Credit, K, 0.5, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.05 (1.05 - 1.05)	0.99 (0.97 - 1.01)
(Credit, K, 0.5, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.05 (1.05 - 1.05)	0.95 (0.93 - 0.97)
(Credit, K, 0.5, 0.2)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.05 (1.05 - 1.05)	0.93 (0.91 - 0.96)
(Credit, K, 0.5, 0.5)	0.96 (0.95 - 0.98)	0.96 (0.95 - 0.98)	1.05 (1.05 - 1.05)	0.92 (0.89 - 0.98)
(Credit, K, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.96 (0.96 - 0.96)	0.96 (0.94 - 0.98)
(Credit, K, 0.75, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.01)	0.96 (0.96 - 0.96)	0.93 (0.90 - 0.96)
(Credit, K, 0.75, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	0.96 (0.96 - 0.96)	0.93 (0.90 - 0.97)
(Credit, K, 0.75, 0.5)	0.96 (0.94 - 0.98)	0.96 (0.94 - 0.98)	0.96 (0.96 - 0.96)	0.93 (0.89 - 0.98)
(Credit, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)
(Credit, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)
(Credit, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.01)
(Credit, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.01)	0.99 (0.98 - 1.00)
(Credit, R, 0.1, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)
(Credit, R, 0.1, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	0.99 (0.98 - 1.01)
(Credit, R, 0.1, 0.2)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)
(Credit, R, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.98 (0.96 - 1.00)
(Credit, R, 0.25, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)
(Credit, R, 0.25, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)
(Credit, R, 0.25, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.98 (0.97 - 1.00)
(Credit, R, 0.25, 0.5)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	0.95 (0.92 - 0.97)
(Credit, R, 0.5, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.01)	0.99 (0.98 - 1.01)
(Credit, R, 0.5, 0.1)	1.00 (0.99 - 1.01)	0.99 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.99 (0.97 - 1.00)
(Credit, R, 0.5, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.97 (0.95 - 0.99)
(Credit, R, 0.5, 0.5)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.93 (0.90 - 0.95)
(Credit, R, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	0.96 (0.95 - 0.97)	1.00 (0.98 - 1.01)
(Credit, R, 0.75, 0.1)	0.99 (0.98 - 1.01)	0.99 (0.98 - 1.01)	0.96 (0.95 - 0.97)	0.98 (0.96 - 0.99)
(Credit, R, 0.75, 0.2)	0.99 (0.97 - 1.01)	0.99 (0.98 - 1.01)	0.96 (0.95 - 0.98)	0.95 (0.93 - 0.98)
(Credit, R, 0.75, 0.5)	0.98 (0.96 - 1.00)	0.98 (0.97 - 1.00)	0.96 (0.95 - 0.97)	0.93 (0.90 - 0.96)
(Digits, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Digits, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Digits, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.94 (0.93 - 0.95)
(Digits, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.98)
(Digits, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.94 (0.94 - 0.95)
(Digits, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Digits, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Digits, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.94 (0.93 - 0.95)
(Digits, A, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.92 (0.92 - 0.93)
(Digits, A, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Digits, A, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Digits, A, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.5, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.92 (0.92 - 0.93)
(Digits, A, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)

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	Naïve	Neighbors	No Columns	No Rows
(Digits, A, 0.75, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, D, 0.05, 0.05)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.01)
(Digits, D, 0.05, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)
(Digits, D, 0.05, 0.2)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.96 - 0.99)
(Digits, D, 0.05, 0.5)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.00)	0.97 (0.96 - 0.99)
(Digits, D, 0.1, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.99 (0.98 - 1.01)
(Digits, D, 0.1, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.98 (0.96 - 0.99)
(Digits, D, 0.1, 0.2)	0.99 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.97 (0.95 - 0.99)
(Digits, D, 0.1, 0.5)	0.99 (0.98 - 0.99)	0.99 (0.98 - 1.01)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.99)
(Digits, D, 0.25, 0.05)	1.01 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.03 (1.02 - 1.04)	0.97 (0.95 - 0.99)
(Digits, D, 0.25, 0.1)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.02 - 1.03)	0.97 (0.95 - 0.99)
(Digits, D, 0.25, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.02 - 1.03)	0.97 (0.95 - 0.98)
(Digits, D, 0.25, 0.5)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.03)	1.03 (1.02 - 1.03)	0.97 (0.95 - 0.99)
(Digits, D, 0.5, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.04)	0.97 (0.95 - 0.99)
(Digits, D, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.04)	0.96 (0.94 - 0.98)
(Digits, D, 0.5, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.04)	0.96 (0.95 - 0.98)
(Digits, D, 0.5, 0.5)	1.01 (1.00 - 1.02)	1.01 (1.01 - 1.02)	1.04 (1.03 - 1.04)	0.97 (0.96 - 0.99)
(Digits, D, 0.75, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.02 - 1.04)	0.96 (0.95 - 0.98)
(Digits, D, 0.75, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.02 - 1.03)	0.97 (0.95 - 0.99)
(Digits, D, 0.75, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.02 - 1.03)	0.96 (0.94 - 0.99)
(Digits, D, 0.75, 0.5)	1.00 (0.99 - 1.01)	1.01 (0.99 - 1.02)	1.03 (1.02 - 1.03)	0.96 (0.94 - 0.99)
(Digits, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Digits, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Digits, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Digits, K, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Digits, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Digits, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 0.99)
(Digits, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.99)
(Digits, K, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Digits, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Digits, K, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Digits, K, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.99)
(Digits, K, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.99)
(Digits, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.96 - 0.98)
(Digits, K, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.96 - 0.99)
(Digits, K, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.5, 0.5)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.75, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)
(Digits, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.98 (0.98 - 0.99)
(Digits, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.96 - 0.98)
(Digits, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Digits, R, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.98)
(Digits, R, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.97)
(Digits, R, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.98)
(Digits, R, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	1.00 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	1.00 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.25, 0.5)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.97)
(Digits, R, 0.5, 0.2)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.97)
(Digits, R, 0.5, 0.5)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.97)
(Digits, R, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.97)
(Digits, R, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.97 (0.96 - 0.97)
(Digits, R, 0.75, 0.5)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Ecoli, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Ecoli, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.96 - 1.06)
(Ecoli, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.93 - 1.05)
(Ecoli, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.91 (0.86 - 1.00)
(Ecoli, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.04)
(Ecoli, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.95 - 1.04)
(Ecoli, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.94 - 1.06)
(Ecoli, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.92 (0.87 - 1.03)
(Ecoli, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.95 - 1.05)
(Ecoli, A, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.93 - 1.03)
(Ecoli, A, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.94 (0.91 - 1.02)
(Ecoli, A, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.86 (0.78 - 0.94)
(Ecoli, A, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.92 - 1.01)
(Ecoli, A, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.94 (0.91 - 0.99)
(Ecoli, A, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.88 (0.81 - 0.93)

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	Naïve	Neighbors	No Columns	No Rows
(Ecoli, A, 0.5, 0.5)	1.02 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.82 (0.76 - 0.94)
(Ecoli, A, 0.75, 0.05)	1.01 (1.00 - 1.00)	1.02 (1.00 - 1.04)	0.85 (0.85 - 0.85)	0.97 (0.92 - 1.03)
(Ecoli, A, 0.75, 0.1)	1.01 (1.00 - 1.02)	1.03 (1.00 - 1.05)	0.85 (0.85 - 0.85)	0.93 (0.90 - 1.03)
(Ecoli, A, 0.75, 0.2)	1.01 (1.00 - 1.02)	1.03 (1.00 - 1.06)	0.85 (0.85 - 0.85)	0.84 (0.72 - 0.97)
(Ecoli, A, 0.75, 0.5)	0.99 (0.95 - 1.02)	0.99 (0.93 - 1.04)	0.85 (0.85 - 0.85)	0.81 (0.71 - 0.93)
(Ecoli, D, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.02)	1.01 (0.99 - 1.03)
(Ecoli, D, 0.05, 0.1)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.01)	1.01 (0.99 - 1.03)
(Ecoli, D, 0.05, 0.2)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.97 - 1.02)	1.01 (0.98 - 1.05)
(Ecoli, D, 0.05, 0.5)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.03)	0.99 (0.97 - 1.01)	1.00 (0.97 - 1.04)
(Ecoli, D, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.97 - 1.02)	1.02 (1.00 - 1.04)
(Ecoli, D, 0.1, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.00)	1.00 (0.98 - 1.02)	1.02 (1.00 - 1.04)
(Ecoli, D, 0.1, 0.2)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.01)	0.99 (0.97 - 1.02)	1.01 (0.99 - 1.04)
(Ecoli, D, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.03)	0.99 (0.96 - 1.01)	1.00 (0.96 - 1.03)
(Ecoli, D, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.96 - 1.01)	1.01 (0.99 - 1.03)
(Ecoli, D, 0.25, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.02)	1.02 (1.00 - 1.05)
(Ecoli, D, 0.25, 0.2)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)	0.99 (0.97 - 1.01)	1.00 (0.96 - 1.04)
(Ecoli, D, 0.25, 0.5)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.03)	0.99 (0.97 - 1.01)	0.96 (0.92 - 1.02)
(Ecoli, D, 0.5, 0.05)	1.01 (0.99 - 1.03)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.05)
(Ecoli, D, 0.5, 0.1)	1.01 (0.98 - 1.03)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.01 (0.97 - 1.04)
(Ecoli, D, 0.5, 0.2)	1.02 (0.99 - 1.05)	1.00 (0.98 - 1.03)	1.00 (0.97 - 1.02)	0.99 (0.95 - 1.03)
(Ecoli, D, 0.5, 0.5)	1.00 (0.97 - 1.03)	1.00 (0.96 - 1.03)	1.00 (0.98 - 1.03)	0.89 (0.83 - 0.96)
(Ecoli, D, 0.75, 0.05)	1.03 (1.00 - 1.05)	1.02 (1.00 - 1.05)	0.67 (0.66 - 0.68)	1.01 (0.99 - 1.03)
(Ecoli, D, 0.75, 0.1)	1.04 (1.01 - 1.06)	1.03 (1.00 - 1.06)	0.67 (0.66 - 0.68)	1.00 (0.96 - 1.04)
(Ecoli, D, 0.75, 0.2)	1.02 (0.99 - 1.05)	1.02 (0.99 - 1.05)	0.67 (0.66 - 0.68)	0.97 (0.93 - 1.02)
(Ecoli, D, 0.75, 0.5)	1.00 (0.95 - 1.03)	0.98 (0.93 - 1.01)	0.67 (0.66 - 0.68)	0.87 (0.81 - 0.94)
(Ecoli, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Ecoli, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Ecoli, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.01)
(Ecoli, K, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 1.00)
(Ecoli, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Ecoli, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Ecoli, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.01)
(Ecoli, K, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.96 - 0.99)
(Ecoli, K, 0.25, 0.05)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.01)
(Ecoli, K, 0.25, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.01)
(Ecoli, K, 0.25, 0.2)	1.00 (1.00 - 1.02)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	1.00 (0.98 - 1.01)
(Ecoli, K, 0.25, 0.5)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	0.96 (0.93 - 0.99)
(Ecoli, K, 0.5, 0.05)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.01)	0.96 (0.96 - 0.96)	0.99 (0.98 - 1.01)
(Ecoli, K, 0.5, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.96 (0.96 - 0.96)	0.99 (0.98 - 1.01)
(Ecoli, K, 0.5, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.96 (0.96 - 0.96)	0.98 (0.97 - 1.00)
(Ecoli, K, 0.5, 0.5)	1.00 (0.98 - 1.02)	0.99 (0.98 - 1.01)	0.96 (0.96 - 0.96)	0.89 (0.87 - 0.93)
(Ecoli, K, 0.75, 0.05)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.64 (0.64 - 0.64)	0.99 (0.98 - 1.00)
(Ecoli, K, 0.75, 0.1)	0.99 (0.98 - 1.00)	0.99 (0.97 - 1.01)	0.64 (0.64 - 0.64)	0.98 (0.97 - 1.00)
(Ecoli, K, 0.75, 0.2)	0.99 (0.97 - 1.00)	1.00 (0.98 - 1.01)	0.64 (0.64 - 0.64)	0.96 (0.94 - 0.98)
(Ecoli, K, 0.75, 0.5)	0.97 (0.95 - 0.99)	0.98 (0.96 - 1.00)	0.64 (0.64 - 0.64)	0.83 (0.77 - 0.88)
(Ecoli, R, 0.05, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.05, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.05, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)
(Ecoli, R, 0.05, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.96 (0.94 - 0.99)
(Ecoli, R, 0.1, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	0.99 (0.97 - 1.02)	1.00 (0.97 - 1.02)
(Ecoli, R, 0.1, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.1, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.1, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)	0.96 (0.94 - 0.99)
(Ecoli, R, 0.25, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	0.99 (0.96 - 1.01)	0.99 (0.97 - 1.01)
(Ecoli, R, 0.25, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.25, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.02)	0.97 (0.95 - 1.00)
(Ecoli, R, 0.25, 0.5)	0.99 (0.98 - 1.01)	0.99 (0.97 - 1.01)	0.98 (0.96 - 1.01)	0.92 (0.90 - 0.95)
(Ecoli, R, 0.5, 0.05)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.02)	0.78 (0.76 - 0.81)	0.99 (0.97 - 1.01)
(Ecoli, R, 0.5, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.79 (0.77 - 0.81)	0.97 (0.95 - 0.99)
(Ecoli, R, 0.5, 0.2)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.02)	0.79 (0.76 - 0.81)	0.95 (0.92 - 0.98)
(Ecoli, R, 0.5, 0.5)	0.97 (0.95 - 0.99)	0.96 (0.94 - 0.99)	0.79 (0.76 - 0.81)	0.86 (0.83 - 0.91)
(Ecoli, R, 0.75, 0.05)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.02)	0.60 (0.58 - 0.61)	0.98 (0.95 - 1.00)
(Ecoli, R, 0.75, 0.1)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.01)	0.59 (0.58 - 0.61)	0.97 (0.95 - 0.99)
(Ecoli, R, 0.75, 0.2)	0.99 (0.97 - 1.01)	0.98 (0.96 - 1.01)	0.59 (0.58 - 0.61)	0.93 (0.90 - 0.96)
(Ecoli, R, 0.75, 0.5)	0.97 (0.94 - 0.99)	0.96 (0.93 - 0.99)	0.60 (0.58 - 0.62)	0.82 (0.78 - 0.87)
(German Credit, A, 0.05, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.01 (1.00 - 1.02)
(German Credit, A, 0.05, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.01 (0.99 - 1.02)
(German Credit, A, 0.05, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.01 - 1.02)	1.02 (1.02 - 1.02)	0.99 (0.98 - 1.01)
(German Credit, A, 0.05, 0.5)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.98 (0.96 - 0.99)
(German Credit, A, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.01)
(German Credit, A, 0.1, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.98 - 1.01)
(German Credit, A, 0.1, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.98 (0.97 - 1.00)
(German Credit, A, 0.1, 0.5)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.95 (0.93 - 0.97)
(German Credit, A, 0.25, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.02 (1.02 - 1.02)	1.00 (0.98 - 1.01)
(German Credit, A, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.98 (0.96 - 1.00)
(German Credit, A, 0.25, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.96 (0.94 - 0.98)

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	Naïve	Neighbors	No Columns	No Rows
(German Credit, A, 0.25, 0.5)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.02 (1.02 - 1.02)	0.90 (0.87 - 0.93)
(German Credit, A, 0.5, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.03 (1.03 - 1.03)	0.98 (0.97 - 0.99)
(German Credit, A, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.96 (0.95 - 0.98)
(German Credit, A, 0.5, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.92 (0.89 - 0.94)
(German Credit, A, 0.5, 0.5)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)	1.03 (1.03 - 1.03)	0.89 (0.86 - 0.93)
(German Credit, A, 0.75, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	0.97 (0.95 - 0.99)
(German Credit, A, 0.75, 0.1)	1.00 (0.99 - 1.01)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.94 (0.92 - 0.97)
(German Credit, A, 0.75, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (1.00 - 1.00)	0.91 (0.88 - 0.94)
(German Credit, A, 0.75, 0.5)	0.98 (0.96 - 0.99)	0.98 (0.97 - 1.00)	1.00 (1.00 - 1.00)	0.90 (0.87 - 0.93)
(German Credit, D, 0.05, 0.05)	1.01 (1.00 - 1.00)	1.01 (1.00 - 1.00)	1.07 (1.06 - 1.08)	1.01 (0.99 - 1.03)
(German Credit, D, 0.05, 0.1)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.05)	1.07 (1.05 - 1.08)	1.01 (0.99 - 1.04)
(German Credit, D, 0.05, 0.2)	1.02 (0.99 - 1.06)	1.02 (0.99 - 1.06)	1.07 (1.05 - 1.09)	1.02 (0.99 - 1.04)
(German Credit, D, 0.05, 0.5)	1.04 (1.02 - 1.06)	1.05 (1.02 - 1.07)	1.07 (1.05 - 1.08)	1.02 (0.99 - 1.05)
(German Credit, D, 0.1, 0.05)	1.01 (1.00 - 1.00)	1.01 (1.00 - 1.00)	1.07 (1.05 - 1.08)	1.01 (0.99 - 1.03)
(German Credit, D, 0.1, 0.1)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.05)	1.07 (1.05 - 1.09)	1.02 (0.99 - 1.05)
(German Credit, D, 0.1, 0.2)	1.03 (1.00 - 1.06)	1.03 (1.00 - 1.06)	1.07 (1.06 - 1.08)	1.01 (0.98 - 1.04)
(German Credit, D, 0.1, 0.5)	1.04 (1.01 - 1.07)	1.05 (1.03 - 1.07)	1.07 (1.05 - 1.09)	1.00 (0.98 - 1.02)
(German Credit, D, 0.25, 0.05)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.04)	1.07 (1.05 - 1.08)	1.02 (1.00 - 1.04)
(German Credit, D, 0.25, 0.1)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.04)	1.07 (1.05 - 1.08)	1.01 (0.99 - 1.03)
(German Credit, D, 0.25, 0.2)	1.01 (0.99 - 1.04)	1.02 (0.99 - 1.04)	1.07 (1.05 - 1.08)	1.01 (0.98 - 1.04)
(German Credit, D, 0.25, 0.5)	1.02 (1.00 - 1.05)	1.03 (1.00 - 1.06)	1.07 (1.05 - 1.08)	0.98 (0.95 - 1.03)
(German Credit, D, 0.5, 0.05)	1.01 (0.99 - 1.03)	1.02 (1.00 - 1.04)	1.03 (1.01 - 1.04)	1.00 (0.98 - 1.03)
(German Credit, D, 0.5, 0.1)	1.01 (0.99 - 1.04)	1.02 (1.00 - 1.04)	1.02 (1.01 - 1.03)	1.00 (0.97 - 1.02)
(German Credit, D, 0.5, 0.2)	1.02 (1.01 - 1.04)	1.02 (1.00 - 1.04)	1.03 (1.02 - 1.04)	0.99 (0.96 - 1.02)
(German Credit, D, 0.5, 0.5)	1.00 (0.97 - 1.02)	1.00 (0.96 - 1.03)	1.02 (1.01 - 1.04)	0.97 (0.92 - 1.02)
(German Credit, D, 0.75, 0.05)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.03)	1.04 (1.03 - 1.05)	1.00 (0.97 - 1.03)
(German Credit, D, 0.75, 0.1)	1.02 (1.00 - 1.04)	1.01 (0.99 - 1.04)	1.04 (1.03 - 1.05)	1.00 (0.97 - 1.02)
(German Credit, D, 0.75, 0.2)	1.01 (0.99 - 1.03)	1.02 (1.00 - 1.03)	1.04 (1.03 - 1.05)	0.98 (0.95 - 1.02)
(German Credit, D, 0.75, 0.5)	0.99 (0.96 - 1.02)	0.98 (0.95 - 1.01)	1.04 (1.03 - 1.06)	0.97 (0.93 - 1.02)
(German Credit, K, 0.05, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.00)
(German Credit, K, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.01)
(German Credit, K, 0.05, 0.2)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.02)
(German Credit, K, 0.05, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.98 - 1.01)	1.02 (1.02 - 1.02)	0.99 (0.97 - 1.01)
(German Credit, K, 0.1, 0.05)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	1.00 (0.99 - 1.01)
(German Credit, K, 0.1, 0.1)	1.01 (1.00 - 1.02)	1.01 (0.99 - 1.02)	1.03 (1.03 - 1.03)	1.00 (0.98 - 1.02)
(German Credit, K, 0.1, 0.2)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.03 (1.03 - 1.03)	1.00 (0.98 - 1.01)
(German Credit, K, 0.1, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.98 - 1.01)	1.03 (1.03 - 1.03)	0.98 (0.95 - 1.01)
(German Credit, K, 0.25, 0.05)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.98 - 1.01)
(German Credit, K, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.99 (0.97 - 1.01)
(German Credit, K, 0.25, 0.2)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.02)	1.02 (1.02 - 1.02)	0.98 (0.95 - 1.00)
(German Credit, K, 0.25, 0.5)	0.98 (0.96 - 1.00)	0.99 (0.97 - 1.01)	1.02 (1.02 - 1.02)	0.98 (0.95 - 1.01)
(German Credit, K, 0.5, 0.05)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	0.99 (0.97 - 1.02)
(German Credit, K, 0.5, 0.1)	1.00 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	0.98 (0.95 - 1.00)
(German Credit, K, 0.5, 0.2)	1.00 (0.99 - 1.02)	1.01 (0.99 - 1.02)	1.04 (1.04 - 1.04)	0.96 (0.93 - 1.00)
(German Credit, K, 0.5, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	1.04 (1.04 - 1.04)	0.97 (0.94 - 1.01)
(German Credit, K, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.98 (0.96 - 1.00)
(German Credit, K, 0.75, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.96 (0.93 - 0.99)
(German Credit, K, 0.75, 0.2)	1.01 (1.00 - 1.02)	1.00 (0.98 - 1.02)	1.03 (1.03 - 1.03)	0.97 (0.93 - 1.02)
(German Credit, K, 0.75, 0.5)	0.98 (0.97 - 1.00)	0.99 (0.97 - 1.01)	1.03 (1.03 - 1.03)	0.97 (0.94 - 1.02)
(German Credit, R, 0.05, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.03)	1.00 (0.98 - 1.01)
(German Credit, R, 0.05, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)
(German Credit, R, 0.05, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)
(German Credit, R, 0.05, 0.5)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.96 - 1.01)
(German Credit, R, 0.1, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.02)
(German Credit, R, 0.1, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.01 (0.99 - 1.02)	1.00 (0.98 - 1.01)
(German Credit, R, 0.1, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.99 (0.97 - 1.00)
(German Credit, R, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.97 (0.95 - 0.99)
(German Credit, R, 0.25, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.98 - 1.01)
(German Credit, R, 0.25, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	1.01 (0.99 - 1.03)	0.99 (0.96 - 1.00)
(German Credit, R, 0.25, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.97 (0.95 - 0.99)
(German Credit, R, 0.25, 0.5)	0.99 (0.98 - 1.01)	0.99 (0.97 - 1.01)	1.00 (0.98 - 1.02)	0.95 (0.94 - 0.97)
(German Credit, R, 0.5, 0.05)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.99 (0.98 - 1.01)	0.99 (0.97 - 1.00)
(German Credit, R, 0.5, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	0.98 (0.97 - 1.01)
(German Credit, R, 0.5, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.03)	1.00 (0.98 - 1.02)	0.96 (0.94 - 0.98)
(German Credit, R, 0.5, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	1.00 (0.98 - 1.02)	0.94 (0.92 - 0.97)
(German Credit, R, 0.75, 0.05)	1.00 (0.98 - 1.02)	0.99 (0.98 - 1.01)	0.98 (0.96 - 0.99)	0.98 (0.96 - 1.00)
(German Credit, R, 0.75, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.98 (0.96 - 1.00)	0.97 (0.95 - 0.99)
(German Credit, R, 0.75, 0.2)	0.99 (0.97 - 1.00)	0.99 (0.98 - 1.01)	0.98 (0.97 - 1.00)	0.95 (0.94 - 0.97)
(German Credit, R, 0.75, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.96 - 1.01)	0.98 (0.96 - 0.99)	0.94 (0.92 - 0.96)
(Letter, A, 0.05, 0.05)	1.00 (0.95 - 1.04)	0.98 (0.94 - 1.03)	1.02 (1.02 - 1.02)	0.96 (0.91 - 1.02)
(Letter, A, 0.05, 0.1)	1.00 (0.96 - 1.06)	0.98 (0.94 - 1.03)	1.02 (1.02 - 1.02)	0.96 (0.91 - 1.02)
(Letter, A, 0.05, 0.2)	0.97 (0.91 - 1.03)	0.97 (0.92 - 1.03)	1.02 (1.02 - 1.02)	0.92 (0.87 - 0.98)
(Letter, A, 0.05, 0.5)	0.95 (0.88 - 1.02)	0.95 (0.90 - 1.00)	1.02 (1.02 - 1.02)	0.76 (0.68 - 0.84)
(Letter, A, 0.1, 0.05)	1.00 (0.96 - 1.06)	0.98 (0.95 - 1.02)	1.02 (1.02 - 1.02)	0.97 (0.92 - 1.02)
(Letter, A, 0.1, 0.1)	0.99 (0.94 - 1.05)	0.98 (0.93 - 1.03)	1.02 (1.02 - 1.02)	0.94 (0.89 - 1.00)
(Letter, A, 0.1, 0.2)	0.96 (0.88 - 1.04)	0.96 (0.91 - 1.01)	1.02 (1.02 - 1.02)	0.90 (0.84 - 0.97)

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	Naïve	Neighbors	No Columns	No Rows
(Letter, A, 0.1, 0.5)	0.95 (0.89 - 1.01)	0.96 (0.91 - 1.01)	1.02 (1.02 - 1.02)	0.69 (0.61 - 0.77)
(Letter, A, 0.25, 0.05)	1.00 (0.95 - 1.06)	0.98 (0.95 - 1.03)	0.93 (0.93 - 0.93)	0.94 (0.87 - 1.01)
(Letter, A, 0.25, 0.1)	1.00 (0.94 - 1.07)	0.97 (0.93 - 1.03)	0.93 (0.93 - 0.93)	0.90 (0.83 - 0.97)
(Letter, A, 0.25, 0.2)	1.03 (0.98 - 1.10)	1.01 (0.95 - 1.05)	0.93 (0.93 - 0.93)	0.79 (0.69 - 0.90)
(Letter, A, 0.25, 0.5)	1.06 (1.02 - 1.11)	1.01 (0.98 - 1.06)	0.93 (0.93 - 0.93)	0.55 (0.47 - 0.63)
(Letter, A, 0.5, 0.05)	1.04 (0.99 - 1.11)	1.00 (0.94 - 1.06)	0.70 (0.70 - 0.70)	0.88 (0.81 - 0.96)
(Letter, A, 0.5, 0.1)	1.06 (1.03 - 1.11)	1.03 (0.99 - 1.09)	0.70 (0.70 - 0.70)	0.79 (0.70 - 0.87)
(Letter, A, 0.5, 0.2)	1.09 (1.04 - 1.15)	1.05 (1.01 - 1.10)	0.70 (0.70 - 0.70)	0.61 (0.52 - 0.71)
(Letter, A, 0.5, 0.5)	1.05 (1.00 - 1.10)	1.06 (1.01 - 1.10)	0.70 (0.70 - 0.70)	0.41 (0.32 - 0.47)
(Letter, A, 0.75, 0.05)	1.04 (0.99 - 1.12)	1.07 (1.03 - 1.11)	0.32 (0.32 - 0.32)	0.83 (0.75 - 0.92)
(Letter, A, 0.75, 0.1)	1.10 (1.08 - 1.18)	1.14 (1.09 - 1.19)	0.32 (0.32 - 0.32)	0.69 (0.61 - 0.77)
(Letter, A, 0.75, 0.2)	1.15 (1.10 - 1.23)	1.20 (1.16 - 1.24)	0.32 (0.32 - 0.32)	0.51 (0.41 - 0.60)
(Letter, A, 0.75, 0.5)	1.16 (1.11 - 1.23)	1.19 (1.15 - 1.23)	0.32 (0.32 - 0.32)	0.40 (0.32 - 0.47)
(Letter, D, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Letter, D, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Letter, D, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Letter, D, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)
(Letter, D, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	0.99 (0.99 - 0.99)
(Letter, D, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	0.98 (0.98 - 0.99)
(Letter, D, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	0.97 (0.96 - 0.97)
(Letter, D, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	0.90 (0.90 - 0.91)
(Letter, D, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.98 - 0.99)
(Letter, D, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.97 - 0.97)
(Letter, D, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.94 (0.93 - 0.94)
(Letter, D, 0.25, 0.5)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	1.01 (1.01 - 1.01)	0.83 (0.83 - 0.84)
(Letter, D, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.97 - 0.98)
(Letter, D, 0.5, 0.1)	1.00 (0.99 - 1.00)	0.99 (0.99 - 0.99)	1.01 (1.01 - 1.01)	0.94 (0.94 - 0.94)
(Letter, D, 0.5, 0.2)	0.99 (0.99 - 1.00)	0.99 (0.98 - 0.99)	1.01 (1.01 - 1.01)	0.88 (0.87 - 0.88)
(Letter, D, 0.5, 0.5)	0.99 (0.98 - 0.99)	0.96 (0.96 - 0.97)	1.01 (1.01 - 1.01)	0.78 (0.78 - 0.79)
(Letter, D, 0.75, 0.05)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.84 (0.84 - 0.84)	0.96 (0.95 - 0.96)
(Letter, D, 0.75, 0.1)	0.99 (0.99 - 0.99)	0.99 (0.98 - 0.99)	0.84 (0.84 - 0.84)	0.91 (0.91 - 0.92)
(Letter, D, 0.75, 0.2)	0.98 (0.97 - 0.98)	0.97 (0.97 - 0.97)	0.84 (0.84 - 0.84)	0.83 (0.82 - 0.84)
(Letter, D, 0.75, 0.5)	0.95 (0.94 - 0.95)	0.91 (0.91 - 0.92)	0.84 (0.83 - 0.84)	0.78 (0.77 - 0.78)
(Letter, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Letter, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Letter, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 0.99)
(Letter, K, 0.05, 0.5)	0.99 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.96 (0.96 - 0.96)
(Letter, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Letter, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 0.99)
(Letter, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.98 - 0.98)
(Letter, K, 0.1, 0.5)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.91 (0.91 - 0.92)
(Letter, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 0.99)
(Letter, K, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.98 - 0.98)
(Letter, K, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.95 (0.95 - 0.96)
(Letter, K, 0.25, 0.5)	0.99 (0.98 - 0.99)	0.99 (0.99 - 0.99)	1.01 (1.01 - 1.01)	0.84 (0.83 - 0.84)
(Letter, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.98 (0.98 - 0.98)
(Letter, K, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.96 (0.96 - 0.96)
(Letter, K, 0.5, 0.2)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.89 (0.89 - 0.89)
(Letter, K, 0.5, 0.5)	0.97 (0.97 - 0.97)	0.97 (0.97 - 0.98)	0.99 (0.99 - 0.99)	0.76 (0.76 - 0.77)
(Letter, K, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.71 (0.71 - 0.71)	0.97 (0.97 - 0.97)
(Letter, K, 0.75, 0.1)	0.99 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.71 (0.71 - 0.71)	0.93 (0.93 - 0.93)
(Letter, K, 0.75, 0.2)	0.98 (0.98 - 0.99)	0.98 (0.98 - 0.98)	0.71 (0.71 - 0.71)	0.83 (0.83 - 0.84)
(Letter, K, 0.75, 0.5)	0.95 (0.95 - 0.95)	0.94 (0.93 - 0.94)	0.71 (0.71 - 0.71)	0.76 (0.75 - 0.76)
(Letter, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Letter, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Letter, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Letter, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.96 (0.96 - 0.96)
(Letter, R, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Letter, R, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Letter, R, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Letter, R, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.92 (0.92 - 0.93)
(Letter, R, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Letter, R, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)
(Letter, R, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.01)	0.96 (0.95 - 0.96)
(Letter, R, 0.25, 0.5)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)	0.87 (0.87 - 0.88)
(Letter, R, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.98 (0.98 - 0.98)
(Letter, R, 0.5, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.96 (0.95 - 0.96)
(Letter, R, 0.5, 0.2)	0.99 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.91 (0.90 - 0.91)
(Letter, R, 0.5, 0.5)	0.99 (0.99 - 0.99)	0.97 (0.97 - 0.98)	0.99 (0.99 - 0.99)	0.83 (0.82 - 0.83)
(Letter, R, 0.75, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.78 (0.78 - 0.79)	0.97 (0.97 - 0.97)
(Letter, R, 0.75, 0.1)	0.99 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.78 (0.78 - 0.78)	0.93 (0.93 - 0.94)
(Letter, R, 0.75, 0.2)	0.99 (0.98 - 0.99)	0.98 (0.98 - 0.98)	0.78 (0.78 - 0.78)	0.87 (0.86 - 0.87)
(Letter, R, 0.75, 0.5)	0.96 (0.96 - 0.97)	0.94 (0.94 - 0.94)	0.78 (0.78 - 0.79)	0.82 (0.82 - 0.83)
(Page Blocks, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)

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	Naïve	Neighbors	No Columns	No Rows
(Page Blocks, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Page Blocks, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)
(Page Blocks, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)
(Page Blocks, A, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.01)
(Page Blocks, A, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.5, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.5, 0.2)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.00)
(Page Blocks, A, 0.5, 0.5)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.01)
(Page Blocks, A, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (1.00 - 1.00)
(Page Blocks, A, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.01)
(Page Blocks, A, 0.75, 0.2)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.01)
(Page Blocks, A, 0.75, 0.5)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.01)
(Page Blocks, D, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.25, 0.5)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Page Blocks, D, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.01)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.01)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.5, 0.5)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.01)	0.98 (0.98 - 0.99)
(Page Blocks, D, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.75, 0.2)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.98 (0.98 - 0.98)	0.99 (0.99 - 0.99)
(Page Blocks, D, 0.75, 0.5)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.98 (0.98 - 0.98)	0.98 (0.98 - 0.99)
(Page Blocks, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.05, 0.5)	0.99 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Page Blocks, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.1, 0.5)	0.99 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Page Blocks, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.25, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 1.00)
(Page Blocks, K, 0.25, 0.5)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.98 - 0.99)
(Page Blocks, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, K, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Page Blocks, K, 0.5, 0.5)	0.99 (0.99 - 0.99)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Page Blocks, K, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.99 - 0.99)
(Page Blocks, K, 0.75, 0.2)	0.99 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.98 - 0.99)
(Page Blocks, K, 0.75, 0.5)	0.98 (0.98 - 0.99)	0.99 (0.99 - 0.99)	0.97 (0.97 - 0.97)	0.97 (0.96 - 0.97)
(Page Blocks, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, R, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, R, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Page Blocks, R, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, R, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Page Blocks, R, 0.5, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Page Blocks, R, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	1.00 (0.99 - 1.00)
(Page Blocks, R, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	0.99 (0.99 - 0.99)

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	Naïve	Neighbors	No Columns	No Rows
(Page Blocks, R, 0.75, 0.5)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.98 (0.98 - 0.98)	0.98 (0.98 - 0.98)
(Yeast, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.02)
(Yeast, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.02 (0.98 - 1.05)
(Yeast, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.96 - 1.02)
(Yeast, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.94 (0.92 - 0.98)
(Yeast, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.02)
(Yeast, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (0.99 - 1.05)
(Yeast, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.97 - 1.02)
(Yeast, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.96 (0.92 - 1.00)
(Yeast, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.03 (1.03 - 1.03)	1.00 (0.97 - 1.02)
(Yeast, A, 0.25, 0.1)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.00)	1.03 (1.03 - 1.03)	0.99 (0.96 - 1.03)
(Yeast, A, 0.25, 0.2)	1.00 (0.99 - 1.02)	1.01 (0.99 - 1.02)	1.03 (1.03 - 1.03)	0.96 (0.92 - 1.00)
(Yeast, A, 0.25, 0.5)	1.01 (0.98 - 1.04)	1.02 (0.98 - 1.05)	1.03 (1.03 - 1.03)	0.90 (0.84 - 0.97)
(Yeast, A, 0.5, 0.05)	1.01 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.88 (0.88 - 0.88)	1.01 (0.98 - 1.05)
(Yeast, A, 0.5, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.88 (0.88 - 0.88)	0.97 (0.92 - 1.01)
(Yeast, A, 0.5, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	0.88 (0.88 - 0.88)	0.96 (0.92 - 1.00)
(Yeast, A, 0.5, 0.5)	1.03 (0.99 - 1.06)	1.02 (0.99 - 1.06)	0.88 (0.88 - 0.88)	0.87 (0.77 - 0.95)
(Yeast, A, 0.75, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.88 (0.88 - 0.88)	0.99 (0.96 - 1.02)
(Yeast, A, 0.75, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.98 - 1.00)	0.88 (0.88 - 0.88)	0.96 (0.93 - 1.00)
(Yeast, A, 0.75, 0.2)	0.99 (0.97 - 1.00)	0.99 (0.97 - 1.00)	0.88 (0.88 - 0.88)	0.92 (0.89 - 0.96)
(Yeast, A, 0.75, 0.5)	0.99 (0.97 - 1.00)	0.99 (0.98 - 1.01)	0.88 (0.88 - 0.88)	0.85 (0.77 - 0.93)
(Yeast, D, 0.05, 0.05)	1.01 (1.00 - 1.03)	1.02 (0.99 - 1.04)	1.04 (1.02 - 1.06)	1.01 (0.98 - 1.03)
(Yeast, D, 0.05, 0.1)	1.02 (0.99 - 1.04)	1.02 (1.00 - 1.04)	1.04 (1.02 - 1.06)	1.00 (0.97 - 1.02)
(Yeast, D, 0.05, 0.2)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.04)	1.04 (1.02 - 1.06)	1.00 (0.97 - 1.03)
(Yeast, D, 0.05, 0.5)	1.02 (0.99 - 1.04)	1.01 (0.98 - 1.03)	1.04 (1.02 - 1.06)	0.97 (0.94 - 1.00)
(Yeast, D, 0.1, 0.05)	1.02 (1.00 - 1.03)	1.02 (0.99 - 1.04)	1.04 (1.02 - 1.06)	1.01 (0.99 - 1.04)
(Yeast, D, 0.1, 0.1)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.04)	1.04 (1.02 - 1.05)	1.01 (0.98 - 1.03)
(Yeast, D, 0.1, 0.2)	1.01 (0.99 - 1.04)	1.02 (0.99 - 1.04)	1.04 (1.02 - 1.05)	1.00 (0.97 - 1.02)
(Yeast, D, 0.1, 0.5)	1.02 (0.99 - 1.04)	1.01 (0.99 - 1.03)	1.04 (1.03 - 1.06)	0.97 (0.94 - 1.00)
(Yeast, D, 0.25, 0.05)	1.01 (0.99 - 1.03)	1.02 (1.00 - 1.04)	1.04 (1.02 - 1.05)	1.00 (0.97 - 1.03)
(Yeast, D, 0.25, 0.1)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.03)	1.04 (1.02 - 1.06)	0.99 (0.96 - 1.02)
(Yeast, D, 0.25, 0.2)	1.02 (0.99 - 1.04)	1.02 (0.99 - 1.03)	1.04 (1.02 - 1.06)	0.97 (0.94 - 0.99)
(Yeast, D, 0.25, 0.5)	1.01 (0.99 - 1.04)	1.01 (0.99 - 1.04)	1.04 (1.02 - 1.05)	0.90 (0.86 - 0.95)
(Yeast, D, 0.5, 0.05)	1.01 (0.98 - 1.03)	1.01 (0.98 - 1.03)	1.03 (1.02 - 1.04)	0.98 (0.96 - 1.01)
(Yeast, D, 0.5, 0.1)	1.01 (0.98 - 1.03)	1.01 (0.98 - 1.04)	1.03 (1.01 - 1.05)	0.97 (0.95 - 0.99)
(Yeast, D, 0.5, 0.2)	1.00 (0.98 - 1.03)	0.99 (0.97 - 1.01)	1.03 (1.01 - 1.04)	0.95 (0.93 - 0.98)
(Yeast, D, 0.5, 0.5)	0.98 (0.95 - 1.02)	0.97 (0.94 - 1.00)	1.03 (1.00 - 1.05)	0.87 (0.83 - 0.92)
(Yeast, D, 0.75, 0.05)	1.00 (0.97 - 1.02)	1.00 (0.98 - 1.03)	0.77 (0.76 - 0.78)	0.98 (0.96 - 1.01)
(Yeast, D, 0.75, 0.1)	0.99 (0.97 - 1.02)	1.01 (0.99 - 1.04)	0.77 (0.76 - 0.78)	0.97 (0.94 - 1.00)
(Yeast, D, 0.75, 0.2)	0.98 (0.95 - 1.01)	0.98 (0.96 - 1.00)	0.77 (0.76 - 0.78)	0.92 (0.89 - 0.96)
(Yeast, D, 0.75, 0.5)	0.92 (0.88 - 0.95)	0.92 (0.89 - 0.95)	0.77 (0.76 - 0.78)	0.88 (0.83 - 0.92)
(Yeast, K, 0.05, 0.05)	0.99 (0.98 - 0.99)	1.00 (0.99 - 1.00)	1.08 (1.08 - 1.08)	0.99 (0.98 - 1.00)
(Yeast, K, 0.05, 0.1)	0.98 (0.97 - 0.99)	0.99 (0.98 - 1.00)	1.08 (1.08 - 1.08)	0.98 (0.97 - 0.99)
(Yeast, K, 0.05, 0.2)	0.96 (0.94 - 0.97)	0.97 (0.96 - 0.99)	1.08 (1.08 - 1.08)	0.96 (0.95 - 0.98)
(Yeast, K, 0.05, 0.5)	0.87 (0.85 - 0.89)	0.88 (0.86 - 0.91)	1.08 (1.08 - 1.08)	0.87 (0.85 - 0.89)
(Yeast, K, 0.1, 0.05)	0.99 (0.98 - 0.99)	1.00 (0.99 - 1.01)	1.08 (1.08 - 1.08)	0.99 (0.98 - 1.00)
(Yeast, K, 0.1, 0.1)	0.98 (0.97 - 0.99)	0.99 (0.98 - 1.00)	1.08 (1.08 - 1.08)	0.98 (0.97 - 0.99)
(Yeast, K, 0.1, 0.2)	0.96 (0.95 - 0.97)	0.97 (0.96 - 0.99)	1.08 (1.08 - 1.08)	0.96 (0.95 - 0.97)
(Yeast, K, 0.1, 0.5)	0.86 (0.84 - 0.89)	0.88 (0.85 - 0.90)	1.08 (1.08 - 1.08)	0.86 (0.84 - 0.89)
(Yeast, K, 0.25, 0.05)	0.99 (0.98 - 0.99)	1.00 (0.99 - 1.01)	1.04 (1.04 - 1.04)	0.97 (0.96 - 0.98)
(Yeast, K, 0.25, 0.1)	0.98 (0.96 - 0.99)	0.99 (0.98 - 1.00)	1.04 (1.04 - 1.04)	0.94 (0.93 - 0.95)
(Yeast, K, 0.25, 0.2)	0.96 (0.95 - 0.97)	0.97 (0.95 - 0.98)	1.04 (1.04 - 1.04)	0.89 (0.87 - 0.91)
(Yeast, K, 0.25, 0.5)	0.87 (0.85 - 0.89)	0.87 (0.84 - 0.89)	1.04 (1.04 - 1.04)	0.69 (0.66 - 0.73)
(Yeast, K, 0.5, 0.05)	0.99 (0.98 - 1.00)	1.00 (0.99 - 1.01)	1.02 (1.02 - 1.02)	0.96 (0.94 - 0.97)
(Yeast, K, 0.5, 0.1)	0.98 (0.96 - 0.99)	0.99 (0.97 - 1.00)	1.02 (1.02 - 1.02)	0.90 (0.88 - 0.92)
(Yeast, K, 0.5, 0.2)	0.96 (0.94 - 0.97)	0.96 (0.94 - 0.98)	1.02 (1.02 - 1.02)	0.80 (0.78 - 0.83)
(Yeast, K, 0.5, 0.5)	0.87 (0.85 - 0.89)	0.87 (0.85 - 0.89)	1.02 (1.02 - 1.02)	0.61 (0.58 - 0.65)
(Yeast, K, 0.75, 0.05)	0.99 (0.98 - 1.00)	1.00 (0.99 - 1.01)	0.68 (0.68 - 0.68)	0.94 (0.92 - 0.95)
(Yeast, K, 0.75, 0.1)	0.98 (0.96 - 0.99)	0.98 (0.97 - 0.99)	0.68 (0.68 - 0.68)	0.87 (0.85 - 0.89)
(Yeast, K, 0.75, 0.2)	0.96 (0.94 - 0.98)	0.96 (0.95 - 0.98)	0.68 (0.68 - 0.68)	0.75 (0.73 - 0.78)
(Yeast, K, 0.75, 0.5)	0.87 (0.85 - 0.89)	0.87 (0.85 - 0.89)	0.68 (0.68 - 0.68)	0.61 (0.58 - 0.64)
(Yeast, R, 0.05, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	1.00 (0.97 - 1.02)
(Yeast, R, 0.05, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)
(Yeast, R, 0.05, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)
(Yeast, R, 0.05, 0.5)	1.00 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.96 (0.93 - 0.98)
(Yeast, R, 0.1, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.02)
(Yeast, R, 0.1, 0.1)	1.00 (0.97 - 1.02)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.02)
(Yeast, R, 0.1, 0.2)	1.00 (0.97 - 1.02)	1.00 (0.98 - 1.01)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.01)
(Yeast, R, 0.1, 0.5)	0.98 (0.96 - 1.01)	0.99 (0.97 - 1.01)	1.00 (0.98 - 1.01)	0.95 (0.92 - 0.98)
(Yeast, R, 0.25, 0.05)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.01)	0.99 (0.96 - 1.02)	0.99 (0.96 - 1.01)
(Yeast, R, 0.25, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	0.98 (0.95 - 1.00)
(Yeast, R, 0.25, 0.2)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.01)	0.96 (0.93 - 0.98)
(Yeast, R, 0.25, 0.5)	0.98 (0.96 - 1.00)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.01)	0.89 (0.86 - 0.92)
(Yeast, R, 0.5, 0.05)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	0.90 (0.88 - 0.92)	0.98 (0.96 - 1.00)
(Yeast, R, 0.5, 0.1)	1.00 (0.97 - 1.01)	1.00 (0.97 - 1.02)	0.91 (0.89 - 0.93)	0.97 (0.94 - 0.99)
(Yeast, R, 0.5, 0.2)	0.99 (0.97 - 1.02)	0.99 (0.96 - 1.01)	0.90 (0.88 - 0.92)	0.93 (0.90 - 0.96)

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	Naïve	Neighbors	No Columns	No Rows
(Yeast, R, 0.5, 0.5)	0.97 (0.95 - 0.99)	0.96 (0.94 - 0.98)	0.90 (0.88 - 0.92)	0.84 (0.80 - 0.88)
(Yeast, R, 0.75, 0.05)	0.99 (0.97 - 1.01)	1.00 (0.97 - 1.02)	0.69 (0.68 - 0.71)	0.97 (0.94 - 1.00)
(Yeast, R, 0.75, 0.1)	0.98 (0.96 - 1.00)	0.99 (0.96 - 1.01)	0.69 (0.68 - 0.71)	0.95 (0.93 - 0.97)
(Yeast, R, 0.75, 0.2)	0.97 (0.95 - 1.00)	0.97 (0.95 - 0.99)	0.69 (0.68 - 0.70)	0.92 (0.89 - 0.95)
(Yeast, R, 0.75, 0.5)	0.95 (0.93 - 0.97)	0.93 (0.91 - 0.96)	0.69 (0.68 - 0.71)	0.82 (0.78 - 0.87)

Table A.2: Results for the classification databases with random missing

(Adult, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Adult, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, A, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Adult, A, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)
(Adult, A, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)
(Adult, A, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (0.99 - 1.00)
(Adult, A, 0.5, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)
(Adult, A, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	1.00 (1.00 - 1.00)
(Adult, A, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	1.00 (1.00 - 1.00)
(Adult, A, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	0.99 (0.99 - 0.99)
(Adult, A, 0.75, 0.5)	1.00 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.95 (0.95 - 0.95)	0.99 (0.98 - 0.99)
(Adult, D, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.05, 0.5)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Adult, D, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Adult, D, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Adult, D, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Adult, D, 0.1, 0.5)	0.99 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 0.99)
(Adult, D, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Adult, D, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Adult, D, 0.25, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 1.00)
(Adult, D, 0.25, 0.5)	0.99 (0.99 - 0.99)	1.00 (0.99 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.98 - 0.99)
(Adult, D, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (0.99 - 1.00)
(Adult, D, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 1.00)
(Adult, D, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)
(Adult, D, 0.5, 0.5)	0.99 (0.98 - 0.99)	0.99 (0.98 - 0.99)	0.99 (0.99 - 0.99)	0.98 (0.98 - 0.99)
(Adult, D, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.00)
(Adult, D, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.02 (1.02 - 1.02)	0.99 (0.99 - 1.00)
(Adult, D, 0.75, 0.2)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.02 (1.02 - 1.02)	0.99 (0.98 - 0.99)
(Adult, D, 0.75, 0.5)	0.98 (0.98 - 0.99)	0.98 (0.98 - 0.99)	1.02 (1.02 - 1.02)	0.98 (0.98 - 0.99)
(Adult, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.08 (1.08 - 1.08)	1.00 (1.00 - 1.00)
(Adult, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.08 (1.08 - 1.08)	1.00 (1.00 - 1.00)
(Adult, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.08 (1.08 - 1.08)	1.00 (0.99 - 1.00)
(Adult, K, 0.05, 0.5)	0.99 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.08 (1.08 - 1.08)	0.99 (0.99 - 1.00)
(Adult, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	1.00 (1.00 - 1.00)
(Adult, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	1.00 (0.99 - 1.00)
(Adult, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.09 (1.09 - 1.09)	1.00 (0.99 - 1.00)
(Adult, K, 0.1, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.09 (1.09 - 1.09)	0.99 (0.99 - 0.99)
(Adult, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.10 (1.10 - 1.10)	1.00 (1.00 - 1.00)
(Adult, K, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.10 (1.10 - 1.10)	1.00 (0.99 - 1.00)
(Adult, K, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.10 (1.10 - 1.10)	0.99 (0.99 - 1.00)
(Adult, K, 0.25, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.10 (1.10 - 1.10)	0.99 (0.98 - 0.99)
(Adult, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	1.00 (0.99 - 1.00)
(Adult, K, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.09 (1.09 - 1.09)	0.99 (0.99 - 1.00)
(Adult, K, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.09 (1.09 - 1.09)	0.99 (0.99 - 0.99)
(Adult, K, 0.5, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.09 (1.09 - 1.09)	0.98 (0.98 - 0.99)
(Adult, K, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.99 - 1.00)
(Adult, K, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.99 - 0.99)
(Adult, K, 0.75, 0.2)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.98 - 0.99)
(Adult, K, 0.75, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.97 (0.97 - 0.97)	0.98 (0.98 - 0.99)
(Adult, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Adult, R, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Adult, R, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)

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	Naïve	Neighbors	No Columns	No Rows
(Adult, R, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Adult, R, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Adult, R, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)
(Adult, R, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	1.00 (0.99 - 1.00)
(Adult, R, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 1.00)
(Adult, R, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.98 - 0.99)
(Adult, R, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	1.00 (1.00 - 1.00)
(Adult, R, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	1.00 (0.99 - 1.00)
(Adult, R, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.95)	0.99 (0.99 - 0.99)
(Adult, R, 0.5, 0.5)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.95 (0.95 - 0.95)	0.98 (0.98 - 0.99)
(Adult, R, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Adult, R, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.99 - 1.00)
(Adult, R, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.98 - 0.99)
(Adult, R, 0.75, 0.5)	0.99 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.97 (0.97 - 0.97)	0.98 (0.98 - 0.99)
(Blood Transfusion, A, 0.05, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.05, 0.1)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.05, 0.2)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Blood Transfusion, A, 0.05, 0.5)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.99)
(Blood Transfusion, A, 0.1, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.1, 0.1)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.1, 0.2)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Blood Transfusion, A, 0.1, 0.5)	1.00 (0.99 - 1.01)	0.99 (0.98 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.98)
(Blood Transfusion, A, 0.25, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)
(Blood Transfusion, A, 0.25, 0.1)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.25, 0.2)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.01)
(Blood Transfusion, A, 0.25, 0.5)	1.00 (0.99 - 1.01)	0.99 (0.98 - 1.01)	1.00 (1.00 - 1.00)	0.97 (0.95 - 0.99)
(Blood Transfusion, A, 0.5, 0.05)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.02)	0.94 (0.94 - 0.94)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.5, 0.1)	0.99 (0.99 - 1.00)	1.01 (1.00 - 1.02)	0.94 (0.94 - 0.94)	0.99 (0.98 - 1.00)
(Blood Transfusion, A, 0.5, 0.2)	0.99 (0.98 - 1.00)	1.01 (1.00 - 1.02)	0.94 (0.94 - 0.94)	0.98 (0.97 - 1.00)
(Blood Transfusion, A, 0.5, 0.5)	0.97 (0.96 - 0.98)	0.99 (0.98 - 1.00)	0.94 (0.94 - 0.94)	0.95 (0.92 - 0.97)
(Blood Transfusion, A, 0.75, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.01)	0.98 (0.98 - 0.98)	1.00 (0.99 - 1.01)
(Blood Transfusion, A, 0.75, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	0.98 (0.98 - 0.98)	0.99 (0.97 - 1.01)
(Blood Transfusion, A, 0.75, 0.2)	0.99 (0.98 - 1.00)	1.00 (0.99 - 1.01)	0.98 (0.98 - 0.98)	0.97 (0.95 - 0.98)
(Blood Transfusion, A, 0.75, 0.5)	0.98 (0.96 - 0.99)	0.99 (0.97 - 1.00)	0.98 (0.98 - 0.98)	0.92 (0.90 - 0.95)
(Blood Transfusion, D, 0.05, 0.05)	1.02 (1.01 - 1.04)	1.01 (1.00 - 1.03)	1.08 (1.07 - 1.09)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.05, 0.1)	1.02 (1.00 - 1.04)	1.01 (0.99 - 1.02)	1.08 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.05, 0.2)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.03)	1.08 (1.07 - 1.08)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.05, 0.5)	1.01 (1.00 - 1.03)	1.02 (1.00 - 1.03)	1.08 (1.07 - 1.08)	1.01 (0.99 - 1.04)
(Blood Transfusion, D, 0.1, 0.05)	1.03 (1.01 - 1.04)	1.01 (1.00 - 1.02)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.03)
(Blood Transfusion, D, 0.1, 0.1)	1.02 (1.01 - 1.04)	1.02 (1.00 - 1.03)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.1, 0.2)	1.02 (1.00 - 1.03)	1.02 (1.00 - 1.03)	1.07 (1.07 - 1.08)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.1, 0.5)	1.02 (1.00 - 1.03)	1.02 (1.00 - 1.04)	1.07 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.25, 0.05)	1.03 (1.01 - 1.04)	1.01 (1.00 - 1.02)	1.08 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.25, 0.1)	1.02 (1.00 - 1.03)	1.02 (1.00 - 1.03)	1.08 (1.07 - 1.08)	1.02 (1.00 - 1.03)
(Blood Transfusion, D, 0.25, 0.2)	1.01 (0.99 - 1.04)	1.01 (1.00 - 1.03)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.25, 0.5)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.04)	1.08 (1.07 - 1.08)	1.01 (0.99 - 1.04)
(Blood Transfusion, D, 0.5, 0.05)	1.02 (1.00 - 1.03)	1.02 (1.00 - 1.03)	1.08 (1.07 - 1.08)	1.02 (1.00 - 1.03)
(Blood Transfusion, D, 0.5, 0.1)	1.01 (0.99 - 1.03)	1.01 (1.00 - 1.03)	1.08 (1.07 - 1.08)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.5, 0.2)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.03)	1.07 (1.07 - 1.08)	1.01 (1.00 - 1.03)
(Blood Transfusion, D, 0.5, 0.5)	1.01 (0.98 - 1.03)	1.01 (0.99 - 1.03)	1.08 (1.07 - 1.08)	1.02 (0.99 - 1.04)
(Blood Transfusion, D, 0.75, 0.05)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.03)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.75, 0.1)	1.01 (0.99 - 1.03)	1.01 (1.00 - 1.03)	1.08 (1.07 - 1.09)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.75, 0.2)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.03)	1.08 (1.07 - 1.08)	1.02 (1.00 - 1.04)
(Blood Transfusion, D, 0.75, 0.5)	1.00 (0.97 - 1.03)	1.00 (0.98 - 1.02)	1.08 (1.07 - 1.09)	1.00 (0.97 - 1.04)
(Blood Transfusion, K, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.06 (1.06 - 1.06)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.05, 0.2)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.02)
(Blood Transfusion, K, 0.05, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.06 (1.06 - 1.06)	1.00 (0.98 - 1.02)
(Blood Transfusion, K, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.00 (0.99 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.1, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.06 (1.06 - 1.06)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.1, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.06 (1.06 - 1.06)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.06 (1.06 - 1.06)	1.00 (0.98 - 1.02)
(Blood Transfusion, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.00)
(Blood Transfusion, K, 0.25, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.25, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.06 (1.06 - 1.06)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.25, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.06 (1.06 - 1.06)	1.00 (0.98 - 1.02)
(Blood Transfusion, K, 0.5, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.02 (1.02 - 1.02)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.5, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.5, 0.2)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.02)
(Blood Transfusion, K, 0.5, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.98 - 1.03)
(Blood Transfusion, K, 0.75, 0.05)	1.00 (1.00 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.01)
(Blood Transfusion, K, 0.75, 0.1)	1.00 (0.99 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.01)
(Blood Transfusion, K, 0.75, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	1.00 (0.98 - 1.02)
(Blood Transfusion, K, 0.75, 0.5)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.01 (1.01 - 1.01)	1.01 (0.99 - 1.04)
(Blood Transfusion, R, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.03)	1.00 (0.98 - 1.01)
(Blood Transfusion, R, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.02)

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	Naïve	Neighbors	No Columns	No Rows
(Blood Transfusion, R, 0.05, 0.2)	0.99 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.05, 0.5)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.03)
(Blood Transfusion, R, 0.1, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.1, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.1, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.02)
(Blood Transfusion, R, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.01 (1.00 - 1.02)	1.00 (0.98 - 1.02)
(Blood Transfusion, R, 0.25, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)
(Blood Transfusion, R, 0.25, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.25, 0.2)	0.99 (0.98 - 1.00)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.01 (0.99 - 1.02)
(Blood Transfusion, R, 0.25, 0.5)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.01)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.5, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)
(Blood Transfusion, R, 0.5, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.00 (0.98 - 1.02)
(Blood Transfusion, R, 0.5, 0.2)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.01 (0.98 - 1.03)
(Blood Transfusion, R, 0.5, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.98 - 1.02)	1.01 (1.00 - 1.03)	1.00 (0.98 - 1.02)
(Blood Transfusion, R, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.03 (1.02 - 1.04)	1.01 (0.99 - 1.03)
(Blood Transfusion, R, 0.75, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.02 (1.01 - 1.03)	1.00 (0.99 - 1.02)
(Blood Transfusion, R, 0.75, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	1.02 (1.01 - 1.04)	1.00 (0.98 - 1.03)
(Blood Transfusion, R, 0.75, 0.5)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.02)	1.02 (1.01 - 1.03)	0.99 (0.97 - 1.02)
(Car Evaluation, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.05, 0.1)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.05, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.01)
(Car Evaluation, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Car Evaluation, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.00)
(Car Evaluation, A, 0.1, 0.5)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.01)
(Car Evaluation, A, 0.25, 0.05)	0.96 (0.90 - 0.98)	0.97 (0.96 - 0.99)	0.90 (0.90 - 0.90)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.25, 0.1)	0.95 (0.90 - 0.98)	0.94 (0.90 - 0.97)	0.90 (0.90 - 0.90)	0.99 (0.97 - 1.00)
(Car Evaluation, A, 0.25, 0.2)	0.91 (0.90 - 0.90)	0.91 (0.90 - 0.90)	0.90 (0.90 - 0.90)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.25, 0.5)	0.90 (0.90 - 0.90)	0.90 (0.90 - 0.90)	0.90 (0.90 - 0.90)	0.96 (0.93 - 1.02)
(Car Evaluation, A, 0.5, 0.05)	0.96 (0.93 - 0.98)	0.97 (0.96 - 0.99)	0.79 (0.79 - 0.79)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.5, 0.1)	0.94 (0.92 - 0.96)	0.95 (0.92 - 0.97)	0.79 (0.79 - 0.79)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.5, 0.2)	0.93 (0.90 - 0.95)	0.92 (0.89 - 0.95)	0.79 (0.79 - 0.79)	0.99 (0.98 - 1.01)
(Car Evaluation, A, 0.5, 0.5)	0.90 (0.86 - 0.94)	0.86 (0.81 - 0.91)	0.79 (0.79 - 0.79)	0.90 (0.83 - 0.96)
(Car Evaluation, A, 0.75, 0.05)	1.01 (0.96 - 1.06)	0.97 (0.93 - 1.02)	0.86 (0.86 - 0.86)	0.99 (0.98 - 1.00)
(Car Evaluation, A, 0.75, 0.1)	1.03 (1.01 - 1.06)	0.98 (0.95 - 1.02)	0.86 (0.86 - 0.86)	0.99 (0.97 - 1.00)
(Car Evaluation, A, 0.75, 0.2)	1.03 (1.01 - 1.06)	0.99 (0.95 - 1.03)	0.86 (0.86 - 0.86)	0.98 (0.96 - 1.02)
(Car Evaluation, A, 0.75, 0.5)	1.01 (0.97 - 1.04)	1.00 (0.97 - 1.02)	0.86 (0.86 - 0.86)	0.86 (0.78 - 0.94)
(Car Evaluation, D, 0.05, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	1.00 (1.00 - 1.00)
(Car Evaluation, D, 0.05, 0.1)	0.99 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Car Evaluation, D, 0.05, 0.2)	0.99 (0.98 - 0.99)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.99 - 1.00)
(Car Evaluation, D, 0.05, 0.5)	0.98 (0.97 - 0.98)	0.98 (0.97 - 0.98)	0.97 (0.97 - 0.97)	0.97 (0.96 - 0.98)
(Car Evaluation, D, 0.1, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	1.00 (1.00 - 1.00)
(Car Evaluation, D, 0.1, 0.1)	0.99 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Car Evaluation, D, 0.1, 0.2)	0.99 (0.98 - 0.99)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.99 - 1.00)
(Car Evaluation, D, 0.1, 0.5)	0.98 (0.97 - 0.98)	0.98 (0.97 - 0.99)	0.97 (0.97 - 0.97)	0.97 (0.96 - 0.98)
(Car Evaluation, D, 0.25, 0.05)	0.99 (0.98 - 0.99)	0.99 (0.99 - 1.00)	0.88 (0.88 - 0.88)	1.00 (0.99 - 1.00)
(Car Evaluation, D, 0.25, 0.1)	0.98 (0.97 - 0.99)	0.98 (0.98 - 0.99)	0.88 (0.88 - 0.88)	0.99 (0.99 - 1.00)
(Car Evaluation, D, 0.25, 0.2)	0.96 (0.96 - 0.97)	0.97 (0.96 - 0.98)	0.88 (0.88 - 0.88)	0.98 (0.97 - 0.99)
(Car Evaluation, D, 0.25, 0.5)	0.94 (0.93 - 0.95)	0.94 (0.93 - 0.95)	0.88 (0.88 - 0.88)	0.94 (0.92 - 0.95)
(Car Evaluation, D, 0.5, 0.05)	0.98 (0.97 - 0.99)	0.98 (0.98 - 0.99)	0.84 (0.84 - 0.84)	0.99 (0.99 - 1.00)
(Car Evaluation, D, 0.5, 0.1)	0.96 (0.95 - 0.97)	0.97 (0.96 - 0.97)	0.84 (0.84 - 0.84)	0.99 (0.98 - 1.00)
(Car Evaluation, D, 0.5, 0.2)	0.94 (0.93 - 0.95)	0.94 (0.93 - 0.95)	0.84 (0.84 - 0.84)	0.97 (0.97 - 0.98)
(Car Evaluation, D, 0.5, 0.5)	0.91 (0.90 - 0.92)	0.91 (0.90 - 0.92)	0.84 (0.84 - 0.84)	0.90 (0.87 - 0.92)
(Car Evaluation, D, 0.75, 0.05)	0.95 (0.94 - 0.96)	0.95 (0.95 - 0.96)	0.71 (0.70 - 0.71)	0.99 (0.99 - 1.00)
(Car Evaluation, D, 0.75, 0.1)	0.92 (0.90 - 0.93)	0.93 (0.92 - 0.94)	0.71 (0.70 - 0.71)	0.98 (0.97 - 0.99)
(Car Evaluation, D, 0.75, 0.2)	0.87 (0.84 - 0.90)	0.88 (0.87 - 0.90)	0.71 (0.70 - 0.71)	0.95 (0.94 - 0.96)
(Car Evaluation, D, 0.75, 0.5)	0.81 (0.77 - 0.84)	0.82 (0.79 - 0.85)	0.71 (0.70 - 0.71)	0.84 (0.82 - 0.86)
(Car Evaluation, K, 0.05, 0.05)	0.99 (0.98 - 0.99)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.99 - 0.99)
(Car Evaluation, K, 0.05, 0.1)	0.98 (0.98 - 0.99)	0.98 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.98 - 0.99)
(Car Evaluation, K, 0.05, 0.2)	0.97 (0.97 - 0.98)	0.97 (0.97 - 0.98)	0.97 (0.97 - 0.97)	0.97 (0.97 - 0.98)
(Car Evaluation, K, 0.05, 0.5)	0.95 (0.94 - 0.96)	0.94 (0.94 - 0.95)	0.97 (0.97 - 0.97)	0.92 (0.91 - 0.93)
(Car Evaluation, K, 0.1, 0.05)	0.99 (0.98 - 0.99)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.98 - 0.99)
(Car Evaluation, K, 0.1, 0.1)	0.98 (0.98 - 0.99)	0.98 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.98 - 0.99)
(Car Evaluation, K, 0.1, 0.2)	0.97 (0.97 - 0.98)	0.97 (0.97 - 0.98)	0.97 (0.97 - 0.97)	0.98 (0.97 - 0.98)
(Car Evaluation, K, 0.1, 0.5)	0.95 (0.95 - 0.96)	0.94 (0.94 - 0.95)	0.97 (0.97 - 0.97)	0.92 (0.91 - 0.93)
(Car Evaluation, K, 0.25, 0.05)	0.98 (0.98 - 0.99)	0.98 (0.97 - 0.99)	0.94 (0.94 - 0.94)	0.99 (0.98 - 0.99)
(Car Evaluation, K, 0.25, 0.1)	0.97 (0.97 - 0.98)	0.97 (0.96 - 0.97)	0.94 (0.94 - 0.94)	0.97 (0.97 - 0.98)
(Car Evaluation, K, 0.25, 0.2)	0.95 (0.94 - 0.96)	0.95 (0.94 - 0.96)	0.94 (0.94 - 0.94)	0.95 (0.94 - 0.96)
(Car Evaluation, K, 0.25, 0.5)	0.92 (0.91 - 0.93)	0.91 (0.90 - 0.92)	0.94 (0.94 - 0.94)	0.86 (0.85 - 0.87)
(Car Evaluation, K, 0.5, 0.05)	0.98 (0.97 - 0.98)	0.97 (0.97 - 0.98)	0.89 (0.89 - 0.89)	0.98 (0.98 - 0.99)
(Car Evaluation, K, 0.5, 0.1)	0.96 (0.96 - 0.97)	0.95 (0.94 - 0.96)	0.89 (0.89 - 0.89)	0.96 (0.95 - 0.97)
(Car Evaluation, K, 0.5, 0.2)	0.94 (0.93 - 0.95)	0.92 (0.91 - 0.93)	0.89 (0.89 - 0.89)	0.92 (0.91 - 0.93)
(Car Evaluation, K, 0.5, 0.5)	0.89 (0.87 - 0.90)	0.86 (0.86 - 0.87)	0.89 (0.89 - 0.89)	0.82 (0.81 - 0.83)
(Car Evaluation, K, 0.75, 0.05)	0.96 (0.96 - 0.97)	0.96 (0.95 - 0.97)	0.75 (0.75 - 0.75)	0.97 (0.96 - 0.98)
(Car Evaluation, K, 0.75, 0.1)	0.94 (0.93 - 0.95)	0.93 (0.92 - 0.94)	0.75 (0.75 - 0.75)	0.94 (0.93 - 0.95)

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	Naïve	Neighbors	No Columns	No Rows
(Car Evaluation, K, 0.75, 0.2)	0.89 (0.88 - 0.91)	0.89 (0.88 - 0.89)	0.75 (0.75 - 0.75)	0.88 (0.87 - 0.89)
(Car Evaluation, K, 0.75, 0.5)	0.82 (0.81 - 0.84)	0.79 (0.78 - 0.80)	0.75 (0.75 - 0.75)	0.78 (0.77 - 0.79)
(Car Evaluation, R, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.00)	0.99 (0.98 - 0.99)	1.00 (0.99 - 1.01)
(Car Evaluation, R, 0.05, 0.1)	0.99 (0.98 - 1.00)	0.99 (0.99 - 1.00)	0.99 (0.98 - 0.99)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.05, 0.2)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.05, 0.5)	0.98 (0.97 - 0.99)	0.98 (0.97 - 0.99)	0.99 (0.98 - 0.99)	0.96 (0.95 - 0.97)
(Car Evaluation, R, 0.1, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.99 (0.98 - 0.99)	1.00 (0.99 - 1.00)
(Car Evaluation, R, 0.1, 0.1)	1.00 (0.99 - 1.01)	0.99 (0.99 - 1.00)	0.99 (0.98 - 1.00)	1.00 (0.99 - 1.00)
(Car Evaluation, R, 0.1, 0.2)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.98 - 0.99)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.1, 0.5)	0.98 (0.97 - 0.99)	0.98 (0.97 - 0.98)	0.99 (0.98 - 0.99)	0.95 (0.94 - 0.97)
(Car Evaluation, R, 0.25, 0.05)	0.99 (0.98 - 1.00)	0.99 (0.99 - 1.00)	0.91 (0.90 - 0.91)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.25, 0.1)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.91 (0.90 - 0.92)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.25, 0.2)	0.98 (0.96 - 0.99)	0.98 (0.97 - 0.99)	0.91 (0.90 - 0.92)	0.97 (0.96 - 0.98)
(Car Evaluation, R, 0.25, 0.5)	0.95 (0.94 - 0.96)	0.94 (0.93 - 0.96)	0.91 (0.90 - 0.92)	0.91 (0.90 - 0.93)
(Car Evaluation, R, 0.5, 0.05)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.86 (0.86 - 0.87)	0.99 (0.98 - 1.00)
(Car Evaluation, R, 0.5, 0.1)	0.97 (0.96 - 0.98)	0.97 (0.97 - 0.98)	0.86 (0.85 - 0.87)	0.98 (0.97 - 0.99)
(Car Evaluation, R, 0.5, 0.2)	0.95 (0.94 - 0.96)	0.95 (0.94 - 0.97)	0.86 (0.85 - 0.87)	0.96 (0.95 - 0.98)
(Car Evaluation, R, 0.5, 0.5)	0.91 (0.90 - 0.92)	0.91 (0.90 - 0.92)	0.86 (0.85 - 0.87)	0.88 (0.86 - 0.90)
(Car Evaluation, R, 0.75, 0.05)	0.97 (0.96 - 0.98)	0.97 (0.96 - 0.98)	0.72 (0.72 - 0.73)	0.99 (0.97 - 0.99)
(Car Evaluation, R, 0.75, 0.1)	0.94 (0.93 - 0.95)	0.95 (0.94 - 0.96)	0.72 (0.72 - 0.73)	0.97 (0.95 - 0.98)
(Car Evaluation, R, 0.75, 0.2)	0.90 (0.89 - 0.92)	0.90 (0.89 - 0.92)	0.72 (0.72 - 0.73)	0.93 (0.92 - 0.94)
(Car Evaluation, R, 0.75, 0.5)	0.84 (0.83 - 0.86)	0.84 (0.82 - 0.85)	0.72 (0.72 - 0.73)	0.84 (0.83 - 0.86)
(Credit, A, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.01 (1.00 - 1.01)
(Credit, A, 0.05, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.01 (1.00 - 1.02)
(Credit, A, 0.05, 0.2)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.01 (1.00 - 1.02)
(Credit, A, 0.05, 0.5)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.01 (1.01 - 1.01)	1.01 (0.99 - 1.02)
(Credit, A, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.02)
(Credit, A, 0.1, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.02)
(Credit, A, 0.1, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.02)
(Credit, A, 0.1, 0.5)	1.01 (1.00 - 1.02)	1.02 (1.01 - 1.03)	1.03 (1.03 - 1.03)	0.99 (0.97 - 1.01)
(Credit, A, 0.25, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.02)
(Credit, A, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	1.01 (1.00 - 1.02)
(Credit, A, 0.25, 0.2)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.03 (1.03 - 1.03)	1.00 (0.98 - 1.01)
(Credit, A, 0.25, 0.5)	1.01 (1.00 - 1.03)	1.02 (1.01 - 1.03)	1.03 (1.03 - 1.03)	0.96 (0.93 - 1.00)
(Credit, A, 0.5, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.04 (1.04 - 1.04)	1.01 (0.99 - 1.02)
(Credit, A, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	1.00 (0.99 - 1.02)
(Credit, A, 0.5, 0.2)	1.02 (1.01 - 1.02)	1.01 (1.00 - 1.03)	1.04 (1.04 - 1.04)	0.98 (0.96 - 1.00)
(Credit, A, 0.5, 0.5)	1.02 (1.00 - 1.03)	1.02 (1.01 - 1.03)	1.04 (1.04 - 1.04)	0.96 (0.93 - 1.00)
(Credit, A, 0.75, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.04 (1.04 - 1.04)	1.01 (0.99 - 1.02)
(Credit, A, 0.75, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.04 (1.04 - 1.04)	1.00 (0.97 - 1.01)
(Credit, A, 0.75, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	0.96 (0.93 - 1.00)
(Credit, A, 0.75, 0.5)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.01)	1.04 (1.04 - 1.04)	0.95 (0.92 - 0.98)
(Credit, D, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (0.99 - 1.01)	1.03 (1.02 - 1.04)	1.02 (1.00 - 1.04)
(Credit, D, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.03 (1.02 - 1.04)	1.02 (1.00 - 1.04)
(Credit, D, 0.05, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.03 (1.02 - 1.05)	1.03 (1.01 - 1.05)
(Credit, D, 0.05, 0.5)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.03)	1.03 (1.02 - 1.04)	1.03 (1.01 - 1.05)
(Credit, D, 0.1, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.05)
(Credit, D, 0.1, 0.1)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.02)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.05)
(Credit, D, 0.1, 0.2)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.03)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.05)
(Credit, D, 0.1, 0.5)	1.00 (0.99 - 1.03)	1.01 (0.99 - 1.03)	1.03 (1.02 - 1.04)	1.03 (1.01 - 1.05)
(Credit, D, 0.25, 0.05)	1.02 (1.00 - 1.04)	1.02 (0.99 - 1.03)	1.05 (1.04 - 1.06)	1.03 (1.01 - 1.04)
(Credit, D, 0.25, 0.1)	1.03 (1.01 - 1.05)	1.02 (1.00 - 1.04)	1.05 (1.04 - 1.06)	1.02 (1.00 - 1.05)
(Credit, D, 0.25, 0.2)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.04)	1.05 (1.04 - 1.06)	1.02 (0.99 - 1.05)
(Credit, D, 0.25, 0.5)	1.02 (0.99 - 1.04)	1.02 (1.00 - 1.05)	1.05 (1.04 - 1.06)	1.01 (0.98 - 1.05)
(Credit, D, 0.5, 0.05)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.04)	0.98 (0.96 - 0.99)	1.02 (1.00 - 1.05)
(Credit, D, 0.5, 0.1)	1.02 (1.01 - 1.04)	1.03 (1.01 - 1.05)	0.98 (0.97 - 1.00)	1.03 (1.01 - 1.05)
(Credit, D, 0.5, 0.2)	1.02 (1.01 - 1.04)	1.02 (1.00 - 1.04)	0.98 (0.97 - 0.99)	1.02 (1.00 - 1.04)
(Credit, D, 0.5, 0.5)	1.00 (0.97 - 1.03)	1.01 (0.98 - 1.03)	0.98 (0.96 - 0.99)	1.00 (0.98 - 1.04)
(Credit, D, 0.75, 0.05)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.04)	1.08 (1.07 - 1.08)	1.02 (1.00 - 1.04)
(Credit, D, 0.75, 0.1)	1.02 (1.01 - 1.04)	1.02 (1.00 - 1.03)	1.07 (1.06 - 1.08)	1.02 (1.00 - 1.06)
(Credit, D, 0.75, 0.2)	1.02 (1.00 - 1.04)	1.02 (0.99 - 1.04)	1.08 (1.07 - 1.09)	1.02 (0.99 - 1.05)
(Credit, D, 0.75, 0.5)	0.98 (0.95 - 1.00)	0.98 (0.95 - 1.01)	1.08 (1.07 - 1.09)	0.99 (0.95 - 1.06)
(Credit, K, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	1.00 (0.98 - 1.01)
(Credit, K, 0.05, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.01)
(Credit, K, 0.05, 0.2)	0.99 (0.97 - 1.00)	0.99 (0.97 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.97 - 1.01)
(Credit, K, 0.05, 0.5)	0.97 (0.95 - 0.98)	0.97 (0.95 - 0.99)	1.01 (1.01 - 1.01)	0.96 (0.94 - 0.98)
(Credit, K, 0.1, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.08 (1.08 - 1.08)	1.00 (0.98 - 1.01)
(Credit, K, 0.1, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.08 (1.08 - 1.08)	0.99 (0.98 - 1.01)
(Credit, K, 0.1, 0.2)	0.99 (0.97 - 1.01)	0.99 (0.98 - 1.01)	1.08 (1.08 - 1.08)	0.97 (0.95 - 0.99)
(Credit, K, 0.1, 0.5)	0.97 (0.95 - 0.98)	0.96 (0.94 - 0.98)	1.08 (1.08 - 1.08)	0.94 (0.92 - 0.97)
(Credit, K, 0.25, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.03 (1.03 - 1.03)	0.99 (0.98 - 1.01)
(Credit, K, 0.25, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.03 (1.03 - 1.03)	0.97 (0.95 - 0.98)
(Credit, K, 0.25, 0.2)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.03 (1.03 - 1.03)	0.95 (0.93 - 0.98)
(Credit, K, 0.25, 0.5)	0.97 (0.94 - 0.99)	0.97 (0.95 - 0.98)	1.03 (1.03 - 1.03)	0.92 (0.90 - 0.96)
(Credit, K, 0.5, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.05 (1.05 - 1.05)	0.98 (0.96 - 1.00)
(Credit, K, 0.5, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	1.05 (1.05 - 1.05)	0.95 (0.93 - 0.97)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Credit, K, 0.5, 0.2)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	1.05 (1.05 - 1.05)	0.94 (0.91 - 0.97)
(Credit, K, 0.5, 0.5)	0.97 (0.94 - 0.99)	0.97 (0.95 - 0.99)	1.05 (1.05 - 1.05)	0.92 (0.88 - 0.98)
(Credit, K, 0.75, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	0.96 (0.96 - 0.96)	0.97 (0.95 - 0.99)
(Credit, K, 0.75, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.96 (0.96 - 0.96)	0.94 (0.91 - 0.97)
(Credit, K, 0.75, 0.2)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.96 (0.96 - 0.96)	0.94 (0.91 - 0.97)
(Credit, K, 0.75, 0.5)	0.96 (0.93 - 0.98)	0.96 (0.93 - 0.98)	0.96 (0.96 - 0.96)	0.93 (0.89 - 0.98)
(Credit, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)
(Credit, R, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)
(Credit, R, 0.05, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (0.99 - 1.02)	1.00 (0.98 - 1.01)
(Credit, R, 0.05, 0.5)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)
(Credit, R, 0.1, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)
(Credit, R, 0.1, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)
(Credit, R, 0.1, 0.2)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)
(Credit, R, 0.1, 0.5)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	0.98 (0.96 - 0.99)
(Credit, R, 0.25, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.02)	0.99 (0.98 - 1.01)
(Credit, R, 0.25, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)
(Credit, R, 0.25, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.98 (0.96 - 1.00)
(Credit, R, 0.25, 0.5)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	0.95 (0.92 - 0.98)
(Credit, R, 0.5, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	0.99 (0.97 - 1.01)
(Credit, R, 0.5, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.99 (0.97 - 1.01)
(Credit, R, 0.5, 0.2)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	0.97 (0.95 - 0.98)
(Credit, R, 0.5, 0.5)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.93 (0.90 - 0.96)
(Credit, R, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	0.96 (0.95 - 0.97)	0.99 (0.97 - 1.01)
(Credit, R, 0.75, 0.1)	1.00 (0.98 - 1.01)	0.99 (0.98 - 1.01)	0.96 (0.95 - 0.97)	0.98 (0.96 - 1.00)
(Credit, R, 0.75, 0.2)	0.99 (0.98 - 1.01)	0.99 (0.98 - 1.01)	0.96 (0.95 - 0.98)	0.95 (0.93 - 0.98)
(Credit, R, 0.75, 0.5)	0.98 (0.97 - 1.00)	0.98 (0.96 - 1.00)	0.96 (0.95 - 0.97)	0.93 (0.90 - 0.96)
(Digits, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Digits, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.98)
(Digits, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.94 (0.93 - 0.94)
(Digits, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.98)
(Digits, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.94 (0.93 - 0.95)
(Digits, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Digits, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.94 (0.93 - 0.94)
(Digits, A, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.92 (0.92 - 0.93)
(Digits, A, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Digits, A, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Digits, A, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.5, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, A, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.92 (0.92 - 0.93)
(Digits, A, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Digits, A, 0.75, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.94)
(Digits, D, 0.05, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.01)
(Digits, D, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)
(Digits, D, 0.05, 0.2)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.00)	0.97 (0.96 - 0.99)
(Digits, D, 0.05, 0.5)	0.99 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.96 - 0.99)
(Digits, D, 0.1, 0.05)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.99 (0.98 - 1.01)
(Digits, D, 0.1, 0.1)	0.99 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.97 (0.96 - 0.99)
(Digits, D, 0.1, 0.2)	0.99 (0.99 - 1.01)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.97 (0.95 - 0.99)
(Digits, D, 0.1, 0.5)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.99)
(Digits, D, 0.25, 0.05)	1.01 (1.00 - 1.02)	1.01 (0.99 - 1.02)	1.03 (1.02 - 1.04)	0.97 (0.96 - 0.99)
(Digits, D, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.02 - 1.03)	0.97 (0.95 - 0.99)
(Digits, D, 0.25, 0.2)	1.02 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.03 (1.02 - 1.03)	0.97 (0.95 - 0.98)
(Digits, D, 0.25, 0.5)	1.01 (1.00 - 1.02)	1.01 (0.99 - 1.02)	1.03 (1.02 - 1.03)	0.97 (0.95 - 0.99)
(Digits, D, 0.5, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.04)	0.97 (0.95 - 0.99)
(Digits, D, 0.5, 0.1)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.04)	0.96 (0.94 - 0.98)
(Digits, D, 0.5, 0.2)	1.02 (1.01 - 1.03)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.04)	0.96 (0.95 - 0.98)
(Digits, D, 0.5, 0.5)	1.02 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.04 (1.03 - 1.04)	0.97 (0.96 - 0.99)
(Digits, D, 0.75, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.02 - 1.04)	0.96 (0.95 - 0.98)
(Digits, D, 0.75, 0.1)	1.00 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.02 - 1.03)	0.97 (0.95 - 0.99)
(Digits, D, 0.75, 0.2)	1.00 (0.99 - 1.01)	1.01 (0.99 - 1.02)	1.03 (1.02 - 1.03)	0.96 (0.94 - 0.99)
(Digits, D, 0.75, 0.5)	0.99 (0.98 - 1.00)	1.00 (0.98 - 1.01)	1.03 (1.02 - 1.03)	0.96 (0.94 - 0.99)
(Digits, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Digits, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Digits, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Digits, K, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Digits, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Digits, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 0.99)
(Digits, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Digits, K, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)
(Digits, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.99)
(Digits, K, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.98)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Digits, K, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.99)
(Digits, K, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 0.99)
(Digits, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.96 - 0.98)
(Digits, K, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.96 - 0.99)
(Digits, K, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.5, 0.5)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, K, 0.75, 0.5)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.98 (0.97 - 0.99)
(Digits, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)
(Digits, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.98 (0.98 - 0.99)
(Digits, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.96 - 0.98)
(Digits, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Digits, R, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.98)
(Digits, R, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.97)
(Digits, R, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.98)
(Digits, R, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.25, 0.2)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.00 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.25, 0.5)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.5, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.97)
(Digits, R, 0.5, 0.2)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.97)
(Digits, R, 0.5, 0.5)	1.00 (1.00 - 1.01)	1.00 (0.99 - 1.01)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.97)
(Digits, R, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Digits, R, 0.75, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	0.99 (0.99 - 1.00)	0.96 (0.95 - 0.97)
(Digits, R, 0.75, 0.2)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	0.97 (0.96 - 0.97)
(Digits, R, 0.75, 0.5)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.96 (0.96 - 0.97)
(Ecoli, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.05)
(Ecoli, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.94 - 1.03)
(Ecoli, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.93 - 1.06)
(Ecoli, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.90 - 0.98)
(Ecoli, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)
(Ecoli, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.94 - 1.00)
(Ecoli, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.92 - 1.02)
(Ecoli, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.92 (0.89 - 0.96)
(Ecoli, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.93 - 1.03)
(Ecoli, A, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.93 - 1.04)
(Ecoli, A, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.91 - 1.01)
(Ecoli, A, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.87 (0.77 - 0.96)
(Ecoli, A, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.92 - 1.05)
(Ecoli, A, 0.5, 0.1)	0.99 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.96 (0.92 - 1.01)
(Ecoli, A, 0.5, 0.2)	0.98 (0.92 - 1.01)	0.98 (0.92 - 1.01)	1.01 (1.01 - 1.01)	0.90 (0.85 - 0.99)
(Ecoli, A, 0.5, 0.5)	0.96 (0.92 - 1.00)	0.96 (0.92 - 1.01)	1.01 (1.01 - 1.01)	0.85 (0.78 - 0.94)
(Ecoli, A, 0.75, 0.05)	1.01 (1.00 - 1.02)	1.02 (1.00 - 1.05)	0.85 (0.85 - 0.85)	0.95 (0.91 - 1.01)
(Ecoli, A, 0.75, 0.1)	1.01 (0.95 - 1.04)	1.02 (1.00 - 1.04)	0.85 (0.85 - 0.85)	0.90 (0.89 - 0.97)
(Ecoli, A, 0.75, 0.2)	0.94 (0.92 - 0.95)	0.98 (0.92 - 1.01)	0.85 (0.85 - 0.85)	0.85 (0.74 - 0.96)
(Ecoli, A, 0.75, 0.5)	0.92 (0.91 - 0.92)	0.93 (0.92 - 0.95)	0.85 (0.85 - 0.85)	0.84 (0.76 - 0.95)
(Ecoli, D, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.99 (0.97 - 1.02)	1.02 (1.00 - 1.04)
(Ecoli, D, 0.05, 0.1)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.00)	0.99 (0.97 - 1.01)	1.01 (0.99 - 1.04)
(Ecoli, D, 0.05, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.00 (0.97 - 1.02)	1.02 (0.99 - 1.05)
(Ecoli, D, 0.05, 0.5)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.03)	0.99 (0.97 - 1.01)	1.00 (0.96 - 1.04)
(Ecoli, D, 0.1, 0.05)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.01)	1.00 (0.97 - 1.02)	1.01 (1.00 - 1.04)
(Ecoli, D, 0.1, 0.1)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.02)	1.02 (1.00 - 1.04)
(Ecoli, D, 0.1, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.02)	1.01 (0.99 - 1.05)
(Ecoli, D, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.03)	0.99 (0.96 - 1.01)	0.98 (0.94 - 1.02)
(Ecoli, D, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.00 (0.99 - 1.00)	0.99 (0.96 - 1.01)	1.01 (0.99 - 1.04)
(Ecoli, D, 0.25, 0.1)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)	0.99 (0.97 - 1.02)	1.01 (0.98 - 1.04)
(Ecoli, D, 0.25, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	0.99 (0.97 - 1.01)	1.00 (0.96 - 1.03)
(Ecoli, D, 0.25, 0.5)	0.99 (0.97 - 1.01)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.01)	0.95 (0.91 - 0.99)
(Ecoli, D, 0.5, 0.05)	1.01 (0.99 - 1.03)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.02 (0.99 - 1.04)
(Ecoli, D, 0.5, 0.1)	1.02 (1.00 - 1.04)	1.01 (0.98 - 1.03)	1.00 (0.98 - 1.02)	1.00 (0.97 - 1.04)
(Ecoli, D, 0.5, 0.2)	1.02 (1.00 - 1.05)	1.01 (0.99 - 1.04)	1.00 (0.97 - 1.02)	0.98 (0.94 - 1.02)
(Ecoli, D, 0.5, 0.5)	1.00 (0.97 - 1.03)	0.99 (0.96 - 1.02)	1.00 (0.98 - 1.03)	0.90 (0.85 - 0.97)
(Ecoli, D, 0.75, 0.05)	1.03 (1.01 - 1.05)	1.02 (1.00 - 1.04)	0.67 (0.66 - 0.68)	1.01 (0.99 - 1.05)
(Ecoli, D, 0.75, 0.1)	1.04 (1.01 - 1.06)	1.02 (1.00 - 1.05)	0.67 (0.66 - 0.68)	1.01 (0.98 - 1.05)
(Ecoli, D, 0.75, 0.2)	1.04 (1.00 - 1.07)	1.01 (0.98 - 1.05)	0.67 (0.66 - 0.68)	0.97 (0.93 - 1.02)
(Ecoli, D, 0.75, 0.5)	0.98 (0.95 - 1.03)	0.97 (0.93 - 1.02)	0.67 (0.66 - 0.68)	0.86 (0.79 - 0.93)
(Ecoli, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Ecoli, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.01)
(Ecoli, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.01)
(Ecoli, K, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 1.00)
(Ecoli, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Ecoli, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.01)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Ecoli, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.01)
(Ecoli, K, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.97 - 1.00)
(Ecoli, K, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.01)
(Ecoli, K, 0.25, 0.1)	1.00 (0.99 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.01)
(Ecoli, K, 0.25, 0.2)	1.01 (1.00 - 1.03)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.01)
(Ecoli, K, 0.25, 0.5)	1.01 (1.00 - 1.03)	1.00 (0.99 - 1.02)	1.01 (1.01 - 1.01)	0.95 (0.92 - 0.98)
(Ecoli, K, 0.5, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.96 (0.96 - 0.96)	0.99 (0.98 - 1.00)
(Ecoli, K, 0.5, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	0.96 (0.96 - 0.96)	0.99 (0.97 - 1.00)
(Ecoli, K, 0.5, 0.2)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	0.96 (0.96 - 0.96)	0.98 (0.96 - 1.00)
(Ecoli, K, 0.5, 0.5)	0.99 (0.98 - 1.01)	0.98 (0.97 - 1.01)	0.96 (0.96 - 0.96)	0.87 (0.84 - 0.92)
(Ecoli, K, 0.75, 0.05)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.01)	0.64 (0.64 - 0.64)	0.99 (0.98 - 1.01)
(Ecoli, K, 0.75, 0.1)	0.99 (0.97 - 1.00)	0.99 (0.97 - 1.01)	0.64 (0.64 - 0.64)	0.98 (0.97 - 1.00)
(Ecoli, K, 0.75, 0.2)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.64 (0.64 - 0.64)	0.95 (0.92 - 0.98)
(Ecoli, K, 0.75, 0.5)	0.95 (0.93 - 0.97)	0.95 (0.93 - 0.97)	0.64 (0.64 - 0.64)	0.83 (0.78 - 0.89)
(Ecoli, R, 0.05, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.05, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.01)
(Ecoli, R, 0.05, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.05, 0.5)	0.98 (0.97 - 1.00)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.96 (0.93 - 0.98)
(Ecoli, R, 0.1, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.02)	1.00 (0.98 - 1.02)
(Ecoli, R, 0.1, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.1, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.02)	0.98 (0.96 - 1.01)
(Ecoli, R, 0.1, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)	0.97 (0.93 - 0.99)
(Ecoli, R, 0.25, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	0.99 (0.96 - 1.01)	0.99 (0.97 - 1.02)
(Ecoli, R, 0.25, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)
(Ecoli, R, 0.25, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.03)	0.99 (0.97 - 1.02)	0.97 (0.94 - 1.00)
(Ecoli, R, 0.25, 0.5)	0.98 (0.97 - 1.01)	0.99 (0.96 - 1.01)	0.98 (0.96 - 1.01)	0.92 (0.89 - 0.96)
(Ecoli, R, 0.5, 0.05)	1.00 (0.97 - 1.02)	0.99 (0.98 - 1.01)	0.78 (0.76 - 0.81)	0.98 (0.96 - 1.01)
(Ecoli, R, 0.5, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.97 - 1.02)	0.79 (0.77 - 0.81)	0.98 (0.96 - 1.00)
(Ecoli, R, 0.5, 0.2)	0.99 (0.96 - 1.01)	0.99 (0.97 - 1.02)	0.79 (0.76 - 0.81)	0.95 (0.91 - 0.97)
(Ecoli, R, 0.5, 0.5)	0.97 (0.93 - 0.98)	0.96 (0.94 - 0.98)	0.79 (0.76 - 0.81)	0.85 (0.81 - 0.90)
(Ecoli, R, 0.75, 0.05)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.60 (0.58 - 0.61)	0.98 (0.96 - 1.00)
(Ecoli, R, 0.75, 0.1)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.02)	0.59 (0.58 - 0.61)	0.96 (0.94 - 0.99)
(Ecoli, R, 0.75, 0.2)	0.98 (0.96 - 1.01)	0.97 (0.95 - 1.00)	0.59 (0.58 - 0.61)	0.92 (0.90 - 0.95)
(Ecoli, R, 0.75, 0.5)	0.95 (0.92 - 0.99)	0.94 (0.91 - 0.97)	0.60 (0.58 - 0.62)	0.83 (0.79 - 0.88)
(German Credit, A, 0.05, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.01 (1.00 - 1.02)
(German Credit, A, 0.05, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.01)
(German Credit, A, 0.05, 0.2)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	1.02 (1.02 - 1.02)	0.99 (0.98 - 1.01)
(German Credit, A, 0.05, 0.5)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.97 (0.95 - 0.99)
(German Credit, A, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.02)
(German Credit, A, 0.1, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.99 (0.98 - 1.00)
(German Credit, A, 0.1, 0.2)	1.01 (1.01 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.98 (0.97 - 1.00)
(German Credit, A, 0.1, 0.5)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.94 (0.92 - 0.97)
(German Credit, A, 0.25, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.02 (1.02 - 1.02)	0.99 (0.98 - 1.00)
(German Credit, A, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.97 (0.96 - 1.00)
(German Credit, A, 0.25, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.02 (1.02 - 1.02)	0.95 (0.93 - 0.97)
(German Credit, A, 0.25, 0.5)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.02 (1.02 - 1.02)	0.90 (0.88 - 0.94)
(German Credit, A, 0.5, 0.05)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.01)	1.03 (1.03 - 1.03)	0.98 (0.96 - 0.99)
(German Credit, A, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.95 (0.94 - 0.97)
(German Credit, A, 0.5, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.93 (0.91 - 0.95)
(German Credit, A, 0.5, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	1.03 (1.03 - 1.03)	0.90 (0.87 - 0.93)
(German Credit, A, 0.75, 0.05)	1.01 (0.99 - 1.02)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	0.96 (0.95 - 0.98)
(German Credit, A, 0.75, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.00 (1.00 - 1.00)	0.94 (0.92 - 0.96)
(German Credit, A, 0.75, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (1.00 - 1.00)	0.91 (0.88 - 0.94)
(German Credit, A, 0.75, 0.5)	0.98 (0.96 - 1.00)	0.98 (0.96 - 0.99)	1.00 (1.00 - 1.00)	0.90 (0.87 - 0.93)
(German Credit, D, 0.05, 0.05)	1.02 (1.00 - 1.06)	1.02 (1.00 - 1.06)	1.07 (1.06 - 1.08)	1.01 (0.99 - 1.04)
(German Credit, D, 0.05, 0.1)	1.04 (1.01 - 1.07)	1.04 (1.01 - 1.07)	1.07 (1.05 - 1.08)	1.01 (0.98 - 1.04)
(German Credit, D, 0.05, 0.2)	1.05 (1.02 - 1.07)	1.05 (1.02 - 1.07)	1.07 (1.05 - 1.09)	1.02 (0.99 - 1.04)
(German Credit, D, 0.05, 0.5)	1.06 (1.04 - 1.08)	1.06 (1.04 - 1.08)	1.07 (1.05 - 1.08)	1.01 (0.98 - 1.04)
(German Credit, D, 0.1, 0.05)	1.03 (1.00 - 1.06)	1.03 (1.00 - 1.06)	1.07 (1.05 - 1.08)	1.01 (0.99 - 1.04)
(German Credit, D, 0.1, 0.1)	1.04 (1.01 - 1.06)	1.04 (1.01 - 1.06)	1.07 (1.05 - 1.09)	1.01 (0.99 - 1.03)
(German Credit, D, 0.1, 0.2)	1.05 (1.02 - 1.07)	1.05 (1.02 - 1.07)	1.07 (1.06 - 1.08)	1.01 (0.98 - 1.03)
(German Credit, D, 0.1, 0.5)	1.06 (1.04 - 1.07)	1.06 (1.04 - 1.07)	1.07 (1.05 - 1.09)	0.99 (0.97 - 1.02)
(German Credit, D, 0.25, 0.05)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.05)	1.07 (1.05 - 1.08)	1.01 (0.98 - 1.03)
(German Credit, D, 0.25, 0.1)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.05)	1.07 (1.05 - 1.08)	1.01 (0.98 - 1.03)
(German Credit, D, 0.25, 0.2)	1.03 (1.01 - 1.06)	1.03 (1.01 - 1.05)	1.07 (1.05 - 1.08)	1.00 (0.97 - 1.03)
(German Credit, D, 0.25, 0.5)	1.02 (1.00 - 1.05)	1.02 (1.00 - 1.05)	1.07 (1.05 - 1.08)	0.98 (0.95 - 1.02)
(German Credit, D, 0.5, 0.05)	1.02 (1.00 - 1.05)	1.01 (0.99 - 1.03)	1.03 (1.01 - 1.04)	1.01 (0.99 - 1.04)
(German Credit, D, 0.5, 0.1)	1.01 (0.99 - 1.03)	1.01 (0.98 - 1.03)	1.02 (1.01 - 1.03)	1.00 (0.97 - 1.03)
(German Credit, D, 0.5, 0.2)	1.02 (1.00 - 1.05)	1.01 (1.00 - 1.04)	1.03 (1.02 - 1.04)	0.99 (0.96 - 1.03)
(German Credit, D, 0.5, 0.5)	0.99 (0.96 - 1.01)	0.99 (0.96 - 1.02)	1.02 (1.01 - 1.04)	0.97 (0.93 - 1.01)
(German Credit, D, 0.75, 0.05)	1.01 (0.99 - 1.03)	1.01 (1.00 - 1.03)	1.04 (1.03 - 1.05)	1.00 (0.97 - 1.03)
(German Credit, D, 0.75, 0.1)	1.01 (0.99 - 1.04)	1.01 (0.98 - 1.03)	1.04 (1.03 - 1.05)	0.99 (0.96 - 1.02)
(German Credit, D, 0.75, 0.2)	1.01 (0.98 - 1.03)	1.00 (0.98 - 1.03)	1.04 (1.03 - 1.05)	0.98 (0.94 - 1.01)
(German Credit, D, 0.75, 0.5)	0.97 (0.93 - 1.01)	0.96 (0.93 - 1.00)	1.04 (1.03 - 1.06)	0.97 (0.93 - 1.02)
(German Credit, K, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.01)
(German Credit, K, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.02 (1.02 - 1.02)	1.00 (0.99 - 1.01)

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	Naïve	Neighbors	No Columns	No Rows
(German Credit, K, 0.05, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.02 (1.02 - 1.02)	1.00 (0.98 - 1.01)
(German Credit, K, 0.05, 0.5)	0.99 (0.97 - 1.02)	0.98 (0.96 - 1.00)	1.02 (1.02 - 1.02)	0.99 (0.97 - 1.01)
(German Credit, K, 0.1, 0.05)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	1.00 (0.99 - 1.01)
(German Credit, K, 0.1, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	1.03 (1.03 - 1.03)	0.99 (0.98 - 1.01)
(German Credit, K, 0.1, 0.2)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.03 (1.03 - 1.03)	0.99 (0.98 - 1.01)
(German Credit, K, 0.1, 0.5)	0.98 (0.96 - 1.00)	0.98 (0.96 - 1.00)	1.03 (1.03 - 1.03)	0.97 (0.95 - 0.99)
(German Credit, K, 0.25, 0.05)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.02)	1.02 (1.02 - 1.02)	1.00 (0.98 - 1.02)
(German Credit, K, 0.25, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.02)	1.02 (1.02 - 1.02)	0.99 (0.97 - 1.01)
(German Credit, K, 0.25, 0.2)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.02 (1.02 - 1.02)	0.97 (0.94 - 0.99)
(German Credit, K, 0.25, 0.5)	0.99 (0.97 - 1.01)	0.98 (0.96 - 1.01)	1.02 (1.02 - 1.02)	0.98 (0.95 - 1.02)
(German Credit, K, 0.5, 0.05)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	0.99 (0.98 - 1.01)
(German Credit, K, 0.5, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.04 (1.04 - 1.04)	0.97 (0.95 - 1.00)
(German Credit, K, 0.5, 0.2)	0.99 (0.98 - 1.00)	1.00 (0.98 - 1.01)	1.04 (1.04 - 1.04)	0.96 (0.92 - 1.00)
(German Credit, K, 0.5, 0.5)	0.98 (0.97 - 1.00)	0.98 (0.96 - 1.00)	1.04 (1.04 - 1.04)	0.97 (0.94 - 1.01)
(German Credit, K, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.01 (1.00 - 1.02)	1.03 (1.03 - 1.03)	0.98 (0.96 - 1.00)
(German Credit, K, 0.75, 0.1)	1.00 (0.99 - 1.01)	1.01 (0.99 - 1.02)	1.03 (1.03 - 1.03)	0.97 (0.94 - 1.00)
(German Credit, K, 0.75, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.03 (1.03 - 1.03)	0.97 (0.93 - 1.01)
(German Credit, K, 0.75, 0.5)	0.99 (0.97 - 1.01)	0.98 (0.97 - 1.00)	1.03 (1.03 - 1.03)	0.97 (0.94 - 1.02)
(German Credit, R, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.03)	1.00 (0.98 - 1.02)
(German Credit, R, 0.05, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)
(German Credit, R, 0.05, 0.2)	0.99 (0.98 - 1.01)	0.99 (0.98 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)
(German Credit, R, 0.05, 0.5)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)
(German Credit, R, 0.1, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.02)
(German Credit, R, 0.1, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.01 (0.99 - 1.02)	1.00 (0.98 - 1.01)
(German Credit, R, 0.1, 0.2)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.99 (0.97 - 1.01)
(German Credit, R, 0.1, 0.5)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.97 (0.95 - 0.99)
(German Credit, R, 0.25, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)
(German Credit, R, 0.25, 0.1)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.02)	1.01 (0.99 - 1.03)	0.99 (0.96 - 1.00)
(German Credit, R, 0.25, 0.2)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	1.00 (0.98 - 1.02)	0.98 (0.96 - 1.00)
(German Credit, R, 0.25, 0.5)	0.99 (0.98 - 1.02)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.95 (0.93 - 0.97)
(German Credit, R, 0.5, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.02)	0.99 (0.98 - 1.01)	0.99 (0.97 - 1.01)
(German Credit, R, 0.5, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.02)	0.98 (0.96 - 1.00)
(German Credit, R, 0.5, 0.2)	1.00 (0.97 - 1.02)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.96 (0.93 - 0.98)
(German Credit, R, 0.5, 0.5)	0.98 (0.96 - 1.00)	0.99 (0.96 - 1.00)	1.00 (0.98 - 1.02)	0.94 (0.92 - 0.97)
(German Credit, R, 0.75, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.98 - 1.01)	0.98 (0.96 - 0.99)	0.98 (0.96 - 1.00)
(German Credit, R, 0.75, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	0.98 (0.96 - 1.00)	0.97 (0.95 - 1.00)
(German Credit, R, 0.75, 0.2)	0.99 (0.97 - 1.01)	0.99 (0.98 - 1.01)	0.98 (0.97 - 1.00)	0.95 (0.93 - 0.98)
(German Credit, R, 0.75, 0.5)	0.98 (0.96 - 1.00)	0.98 (0.96 - 1.00)	0.98 (0.96 - 0.99)	0.94 (0.92 - 0.97)
(Letter, A, 0.05, 0.05)	1.00 (0.95 - 1.05)	0.98 (0.93 - 1.03)	1.02 (1.02 - 1.02)	0.97 (0.93 - 1.01)
(Letter, A, 0.05, 0.1)	0.98 (0.94 - 1.05)	0.98 (0.94 - 1.03)	1.02 (1.02 - 1.02)	0.96 (0.91 - 1.01)
(Letter, A, 0.05, 0.2)	0.99 (0.94 - 1.05)	0.96 (0.91 - 1.01)	1.02 (1.02 - 1.02)	0.94 (0.88 - 1.00)
(Letter, A, 0.05, 0.5)	1.00 (0.97 - 1.04)	0.96 (0.91 - 1.01)	1.02 (1.02 - 1.02)	0.82 (0.74 - 0.92)
(Letter, A, 0.1, 0.05)	1.00 (0.96 - 1.05)	0.99 (0.95 - 1.04)	1.02 (1.02 - 1.02)	0.96 (0.92 - 1.01)
(Letter, A, 0.1, 0.1)	1.00 (0.94 - 1.07)	0.96 (0.92 - 1.01)	1.02 (1.02 - 1.02)	0.94 (0.90 - 0.99)
(Letter, A, 0.1, 0.2)	0.98 (0.92 - 1.05)	0.97 (0.92 - 1.03)	1.02 (1.02 - 1.02)	0.89 (0.80 - 0.99)
(Letter, A, 0.1, 0.5)	0.97 (0.88 - 1.03)	0.94 (0.89 - 0.99)	1.02 (1.02 - 1.02)	0.67 (0.62 - 0.74)
(Letter, A, 0.25, 0.05)	1.05 (1.01 - 1.10)	0.98 (0.93 - 1.05)	0.93 (0.93 - 0.93)	0.93 (0.89 - 0.99)
(Letter, A, 0.25, 0.1)	1.04 (1.00 - 1.08)	1.00 (0.95 - 1.05)	0.93 (0.93 - 0.93)	0.88 (0.82 - 0.96)
(Letter, A, 0.25, 0.2)	1.05 (1.01 - 1.10)	1.02 (0.98 - 1.07)	0.93 (0.93 - 0.93)	0.76 (0.69 - 0.85)
(Letter, A, 0.25, 0.5)	0.99 (0.96 - 1.03)	1.03 (0.99 - 1.08)	0.93 (0.93 - 0.93)	0.47 (0.37 - 0.55)
(Letter, A, 0.5, 0.05)	1.08 (1.04 - 1.13)	0.99 (0.94 - 1.03)	0.70 (0.70 - 0.70)	0.90 (0.83 - 0.99)
(Letter, A, 0.5, 0.1)	1.07 (1.03 - 1.12)	1.04 (0.99 - 1.08)	0.70 (0.70 - 0.70)	0.79 (0.71 - 0.89)
(Letter, A, 0.5, 0.2)	1.06 (1.02 - 1.11)	1.06 (1.02 - 1.11)	0.70 (0.70 - 0.70)	0.59 (0.48 - 0.68)
(Letter, A, 0.5, 0.5)	0.95 (0.92 - 0.99)	1.03 (0.99 - 1.07)	0.70 (0.70 - 0.70)	0.41 (0.33 - 0.48)
(Letter, A, 0.75, 0.05)	1.13 (1.10 - 1.20)	1.12 (1.07 - 1.20)	0.32 (0.32 - 0.32)	0.83 (0.77 - 0.90)
(Letter, A, 0.75, 0.1)	1.21 (1.17 - 1.26)	1.20 (1.16 - 1.25)	0.32 (0.32 - 0.32)	0.70 (0.60 - 0.78)
(Letter, A, 0.75, 0.2)	1.27 (1.23 - 1.31)	1.25 (1.22 - 1.30)	0.32 (0.32 - 0.32)	0.50 (0.39 - 0.59)
(Letter, A, 0.75, 0.5)	1.20 (1.16 - 1.24)	1.19 (1.15 - 1.23)	0.32 (0.32 - 0.32)	0.39 (0.30 - 0.45)
(Letter, D, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Letter, D, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Letter, D, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Letter, D, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.95 (0.95 - 0.96)
(Letter, D, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	0.99 (0.99 - 1.00)
(Letter, D, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	0.99 (0.98 - 0.99)
(Letter, D, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	0.97 (0.97 - 0.97)
(Letter, D, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.01)	0.90 (0.90 - 0.91)
(Letter, D, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.98 - 0.99)
(Letter, D, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.97 - 0.97)
(Letter, D, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.01 (1.01 - 1.01)	0.94 (0.93 - 0.94)
(Letter, D, 0.25, 0.5)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.01 (1.01 - 1.01)	0.83 (0.82 - 0.84)
(Letter, D, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.97 - 0.98)
(Letter, D, 0.5, 0.1)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)	1.01 (1.01 - 1.01)	0.94 (0.94 - 0.95)
(Letter, D, 0.5, 0.2)	0.99 (0.99 - 1.00)	0.99 (0.98 - 0.99)	1.01 (1.01 - 1.01)	0.88 (0.87 - 0.89)
(Letter, D, 0.5, 0.5)	0.99 (0.98 - 0.99)	0.96 (0.96 - 0.97)	1.01 (1.01 - 1.01)	0.78 (0.77 - 0.79)
(Letter, D, 0.75, 0.05)	0.99 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.84 (0.84 - 0.84)	0.96 (0.95 - 0.96)
(Letter, D, 0.75, 0.1)	0.98 (0.98 - 0.99)	0.98 (0.98 - 0.99)	0.84 (0.84 - 0.84)	0.91 (0.91 - 0.92)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Letter, D, 0.75, 0.2)	0.97 (0.97 - 0.98)	0.96 (0.96 - 0.97)	0.84 (0.84 - 0.84)	0.83 (0.83 - 0.84)
(Letter, D, 0.75, 0.5)	0.92 (0.92 - 0.93)	0.90 (0.89 - 0.90)	0.84 (0.83 - 0.84)	0.78 (0.77 - 0.79)
(Letter, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Letter, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Letter, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 0.99)
(Letter, K, 0.05, 0.5)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.97 (0.97 - 0.97)
(Letter, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Letter, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 0.99)
(Letter, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.98 - 0.98)
(Letter, K, 0.1, 0.5)	0.99 (0.98 - 0.99)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.92 (0.92 - 0.93)
(Letter, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 0.99)
(Letter, K, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.98 - 0.98)
(Letter, K, 0.25, 0.2)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.96 (0.95 - 0.96)
(Letter, K, 0.25, 0.5)	0.97 (0.97 - 0.97)	0.99 (0.99 - 0.99)	1.01 (1.01 - 1.01)	0.83 (0.82 - 0.83)
(Letter, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.98 (0.98 - 0.99)
(Letter, K, 0.5, 0.1)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.96 (0.96 - 0.96)
(Letter, K, 0.5, 0.2)	0.98 (0.98 - 0.98)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.90 (0.89 - 0.90)
(Letter, K, 0.5, 0.5)	0.94 (0.94 - 0.94)	0.96 (0.96 - 0.97)	0.99 (0.99 - 0.99)	0.76 (0.75 - 0.77)
(Letter, K, 0.75, 0.05)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.71 (0.71 - 0.71)	0.97 (0.97 - 0.97)
(Letter, K, 0.75, 0.1)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.71 (0.71 - 0.71)	0.93 (0.93 - 0.93)
(Letter, K, 0.75, 0.2)	0.97 (0.97 - 0.97)	0.98 (0.98 - 0.98)	0.71 (0.71 - 0.71)	0.83 (0.83 - 0.84)
(Letter, K, 0.75, 0.5)	0.90 (0.90 - 0.90)	0.91 (0.90 - 0.91)	0.71 (0.71 - 0.71)	0.76 (0.75 - 0.76)
(Letter, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Letter, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Letter, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Letter, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.96 - 0.97)
(Letter, R, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Letter, R, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Letter, R, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)
(Letter, R, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.93 (0.92 - 0.93)
(Letter, R, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Letter, R, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)
(Letter, R, 0.25, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	0.95 (0.95 - 0.96)
(Letter, R, 0.25, 0.5)	1.00 (0.99 - 1.00)	0.99 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.87 (0.86 - 0.87)
(Letter, R, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)	0.98 (0.98 - 0.98)
(Letter, R, 0.5, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.96 (0.96 - 0.96)
(Letter, R, 0.5, 0.2)	0.99 (0.99 - 1.00)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.91 (0.90 - 0.91)
(Letter, R, 0.5, 0.5)	0.99 (0.98 - 0.99)	0.97 (0.97 - 0.97)	0.99 (0.99 - 0.99)	0.82 (0.82 - 0.83)
(Letter, R, 0.75, 0.05)	0.99 (0.99 - 1.00)	0.99 (0.99 - 1.00)	0.78 (0.78 - 0.79)	0.97 (0.97 - 0.97)
(Letter, R, 0.75, 0.1)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.78 (0.78 - 0.78)	0.93 (0.93 - 0.94)
(Letter, R, 0.75, 0.2)	0.98 (0.98 - 0.98)	0.98 (0.97 - 0.98)	0.78 (0.78 - 0.78)	0.87 (0.87 - 0.87)
(Letter, R, 0.75, 0.5)	0.94 (0.94 - 0.95)	0.93 (0.92 - 0.93)	0.78 (0.78 - 0.79)	0.82 (0.81 - 0.83)
(Page Blocks, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (1.00 - 1.01)
(Page Blocks, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)
(Page Blocks, A, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 1.00)
(Page Blocks, A, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.5, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.5, 0.2)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.98 (0.98 - 1.00)
(Page Blocks, A, 0.5, 0.5)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.00)
(Page Blocks, A, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.75, 0.1)	1.00 (1.00 - 1.00)	0.99 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, A, 0.75, 0.2)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	0.98 (0.97 - 1.01)
(Page Blocks, A, 0.75, 0.5)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.01 (1.01 - 1.01)	0.99 (0.98 - 1.00)
(Page Blocks, D, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 0.99)
(Page Blocks, D, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.5, 0.1)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.01)	1.00 (0.99 - 1.00)

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	Naïve	Neighbors	No Columns	No Rows
(Page Blocks, D, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.01)	0.99 (0.99 - 1.00)
(Page Blocks, D, 0.5, 0.5)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	1.01 (1.00 - 1.01)	0.98 (0.97 - 0.99)
(Page Blocks, D, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	1.00 (1.00 - 1.00)
(Page Blocks, D, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	1.00 (0.99 - 1.00)
(Page Blocks, D, 0.75, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	0.99 (0.99 - 0.99)
(Page Blocks, D, 0.75, 0.5)	0.99 (0.99 - 0.99)	0.99 (0.99 - 0.99)	0.98 (0.98 - 0.98)	0.98 (0.97 - 0.98)
(Page Blocks, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.05, 0.5)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Page Blocks, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.1, 0.5)	0.99 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Page Blocks, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.00 (0.99 - 1.00)
(Page Blocks, K, 0.25, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.99 (0.99 - 0.99)
(Page Blocks, K, 0.25, 0.5)	0.99 (0.99 - 0.99)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	0.98 (0.98 - 0.98)
(Page Blocks, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, K, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Page Blocks, K, 0.5, 0.2)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 0.99)
(Page Blocks, K, 0.5, 0.5)	0.99 (0.99 - 0.99)	1.00 (0.99 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)
(Page Blocks, K, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	1.00 (0.99 - 1.00)
(Page Blocks, K, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.97 - 0.97)	0.99 (0.99 - 0.99)
(Page Blocks, K, 0.75, 0.2)	0.99 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.97 (0.97 - 0.97)	0.98 (0.98 - 0.98)
(Page Blocks, K, 0.75, 0.5)	0.98 (0.98 - 0.98)	0.99 (0.99 - 0.99)	0.97 (0.97 - 0.97)	0.97 (0.96 - 0.97)
(Page Blocks, R, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, R, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, R, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.25, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.25, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, R, 0.25, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.98 - 0.99)
(Page Blocks, R, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.5, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.99 - 1.00)
(Page Blocks, R, 0.5, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.99 (0.99 - 1.00)
(Page Blocks, R, 0.5, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)
(Page Blocks, R, 0.75, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.99)	1.00 (1.00 - 1.00)
(Page Blocks, R, 0.75, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	0.99 (0.99 - 1.00)
(Page Blocks, R, 0.75, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.98 (0.98 - 0.98)	0.99 (0.99 - 0.99)
(Page Blocks, R, 0.75, 0.5)	1.00 (0.99 - 1.00)	1.00 (0.99 - 1.00)	0.98 (0.98 - 0.98)	0.98 (0.97 - 0.98)
(Yeast, A, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.98 - 1.00)
(Yeast, A, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.97 - 1.04)
(Yeast, A, 0.05, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.97 - 1.03)
(Yeast, A, 0.05, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.95 - 1.01)
(Yeast, A, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (0.99 - 1.04)
(Yeast, A, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.01 (0.98 - 1.03)
(Yeast, A, 0.1, 0.2)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (0.97 - 1.02)
(Yeast, A, 0.1, 0.5)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	0.97 (0.94 - 1.00)
(Yeast, A, 0.25, 0.05)	0.99 (0.97 - 1.00)	1.00 (0.97 - 1.00)	1.03 (1.03 - 1.03)	1.00 (0.97 - 1.02)
(Yeast, A, 0.25, 0.1)	0.99 (0.96 - 1.02)	0.99 (0.96 - 1.02)	1.03 (1.03 - 1.03)	0.98 (0.96 - 1.01)
(Yeast, A, 0.25, 0.2)	1.02 (0.99 - 1.06)	1.02 (0.98 - 1.05)	1.03 (1.03 - 1.03)	0.97 (0.93 - 1.01)
(Yeast, A, 0.25, 0.5)	1.01 (0.96 - 1.05)	1.02 (0.98 - 1.06)	1.03 (1.03 - 1.03)	0.92 (0.89 - 0.96)
(Yeast, A, 0.5, 0.05)	1.01 (0.98 - 1.01)	1.01 (0.98 - 1.04)	0.88 (0.88 - 0.88)	1.00 (0.96 - 1.02)
(Yeast, A, 0.5, 0.1)	1.01 (0.98 - 1.04)	1.01 (0.98 - 1.05)	0.88 (0.88 - 0.88)	0.98 (0.96 - 1.00)
(Yeast, A, 0.5, 0.2)	1.03 (0.99 - 1.07)	1.03 (0.99 - 1.06)	0.88 (0.88 - 0.88)	0.95 (0.91 - 1.00)
(Yeast, A, 0.5, 0.5)	1.02 (0.99 - 1.06)	1.03 (0.99 - 1.08)	0.88 (0.88 - 0.88)	0.86 (0.76 - 0.94)
(Yeast, A, 0.75, 0.05)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.00)	0.88 (0.88 - 0.88)	0.98 (0.95 - 1.01)
(Yeast, A, 0.75, 0.1)	1.01 (0.98 - 1.04)	1.01 (0.98 - 1.02)	0.88 (0.88 - 0.88)	0.95 (0.93 - 0.99)
(Yeast, A, 0.75, 0.2)	1.01 (0.97 - 1.03)	1.01 (0.97 - 1.03)	0.88 (0.88 - 0.88)	0.93 (0.89 - 0.98)
(Yeast, A, 0.75, 0.5)	0.96 (0.92 - 1.01)	0.99 (0.95 - 1.04)	0.88 (0.88 - 0.88)	0.87 (0.79 - 0.93)
(Yeast, D, 0.05, 0.05)	1.01 (0.99 - 1.03)	1.02 (1.00 - 1.04)	1.04 (1.02 - 1.06)	1.00 (0.98 - 1.03)
(Yeast, D, 0.05, 0.1)	1.01 (0.99 - 1.03)	1.02 (1.00 - 1.04)	1.04 (1.02 - 1.06)	1.00 (0.96 - 1.03)
(Yeast, D, 0.05, 0.2)	1.01 (0.99 - 1.03)	1.02 (0.99 - 1.04)	1.04 (1.02 - 1.06)	0.99 (0.96 - 1.02)
(Yeast, D, 0.05, 0.5)	1.01 (0.98 - 1.04)	1.00 (0.98 - 1.03)	1.04 (1.02 - 1.06)	0.97 (0.95 - 0.99)
(Yeast, D, 0.1, 0.05)	1.01 (0.99 - 1.03)	1.02 (1.00 - 1.04)	1.04 (1.02 - 1.06)	1.01 (0.98 - 1.03)
(Yeast, D, 0.1, 0.1)	1.02 (1.00 - 1.04)	1.01 (0.99 - 1.04)	1.04 (1.02 - 1.05)	1.01 (0.98 - 1.04)
(Yeast, D, 0.1, 0.2)	1.01 (0.99 - 1.04)	1.01 (0.99 - 1.03)	1.04 (1.02 - 1.05)	1.00 (0.97 - 1.03)
(Yeast, D, 0.1, 0.5)	1.01 (0.99 - 1.03)	1.00 (0.98 - 1.02)	1.04 (1.03 - 1.06)	0.97 (0.93 - 1.00)
(Yeast, D, 0.25, 0.05)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.03)	1.04 (1.02 - 1.05)	1.00 (0.97 - 1.02)
(Yeast, D, 0.25, 0.1)	1.01 (0.98 - 1.03)	1.01 (0.99 - 1.03)	1.04 (1.02 - 1.06)	0.99 (0.95 - 1.02)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Yeast, D, 0.25, 0.2)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.04)	1.04 (1.02 - 1.06)	0.97 (0.94 - 1.00)
(Yeast, D, 0.25, 0.5)	1.00 (0.96 - 1.03)	1.00 (0.97 - 1.03)	1.04 (1.02 - 1.05)	0.91 (0.87 - 0.95)
(Yeast, D, 0.5, 0.05)	1.01 (0.98 - 1.03)	1.01 (0.98 - 1.02)	1.03 (1.02 - 1.04)	1.00 (0.96 - 1.03)
(Yeast, D, 0.5, 0.1)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.02)	1.03 (1.01 - 1.05)	0.98 (0.95 - 1.00)
(Yeast, D, 0.5, 0.2)	0.99 (0.96 - 1.02)	0.99 (0.97 - 1.01)	1.03 (1.01 - 1.04)	0.94 (0.91 - 0.98)
(Yeast, D, 0.5, 0.5)	0.95 (0.92 - 0.98)	0.94 (0.90 - 0.97)	1.03 (1.00 - 1.05)	0.88 (0.85 - 0.92)
(Yeast, D, 0.75, 0.05)	0.99 (0.96 - 1.01)	1.00 (0.97 - 1.02)	0.77 (0.76 - 0.78)	0.98 (0.96 - 1.01)
(Yeast, D, 0.75, 0.1)	0.98 (0.95 - 1.01)	0.98 (0.95 - 1.01)	0.77 (0.76 - 0.78)	0.96 (0.93 - 0.99)
(Yeast, D, 0.75, 0.2)	0.96 (0.93 - 0.99)	0.96 (0.93 - 0.98)	0.77 (0.76 - 0.78)	0.92 (0.89 - 0.96)
(Yeast, D, 0.75, 0.5)	0.88 (0.86 - 0.92)	0.88 (0.85 - 0.92)	0.77 (0.76 - 0.78)	0.87 (0.82 - 0.92)
(Yeast, K, 0.05, 0.05)	0.99 (0.98 - 0.99)	1.00 (0.99 - 1.01)	1.08 (1.08 - 1.08)	0.99 (0.98 - 1.00)
(Yeast, K, 0.05, 0.1)	0.98 (0.97 - 0.99)	0.99 (0.98 - 1.01)	1.08 (1.08 - 1.08)	0.98 (0.97 - 1.00)
(Yeast, K, 0.05, 0.2)	0.95 (0.94 - 0.97)	0.97 (0.95 - 0.98)	1.08 (1.08 - 1.08)	0.96 (0.94 - 0.97)
(Yeast, K, 0.05, 0.5)	0.88 (0.85 - 0.90)	0.88 (0.86 - 0.91)	1.08 (1.08 - 1.08)	0.88 (0.86 - 0.90)
(Yeast, K, 0.1, 0.05)	0.98 (0.98 - 0.99)	0.99 (0.99 - 1.00)	1.08 (1.08 - 1.08)	0.99 (0.98 - 1.00)
(Yeast, K, 0.1, 0.1)	0.97 (0.96 - 0.98)	0.98 (0.97 - 1.00)	1.08 (1.08 - 1.08)	0.98 (0.96 - 0.99)
(Yeast, K, 0.1, 0.2)	0.95 (0.94 - 0.97)	0.97 (0.95 - 0.98)	1.08 (1.08 - 1.08)	0.96 (0.94 - 0.97)
(Yeast, K, 0.1, 0.5)	0.88 (0.86 - 0.90)	0.89 (0.87 - 0.91)	1.08 (1.08 - 1.08)	0.89 (0.86 - 0.90)
(Yeast, K, 0.25, 0.05)	0.98 (0.97 - 0.99)	0.99 (0.98 - 1.00)	1.04 (1.04 - 1.04)	0.97 (0.96 - 0.98)
(Yeast, K, 0.25, 0.1)	0.97 (0.96 - 0.98)	0.99 (0.98 - 1.00)	1.04 (1.04 - 1.04)	0.95 (0.93 - 0.97)
(Yeast, K, 0.25, 0.2)	0.96 (0.94 - 0.97)	0.96 (0.94 - 0.98)	1.04 (1.04 - 1.04)	0.88 (0.86 - 0.91)
(Yeast, K, 0.25, 0.5)	0.88 (0.86 - 0.90)	0.89 (0.87 - 0.91)	1.04 (1.04 - 1.04)	0.70 (0.67 - 0.73)
(Yeast, K, 0.5, 0.05)	0.98 (0.97 - 0.99)	1.00 (0.99 - 1.01)	1.02 (1.02 - 1.02)	0.95 (0.94 - 0.97)
(Yeast, K, 0.5, 0.1)	0.97 (0.96 - 0.98)	0.98 (0.97 - 1.00)	1.02 (1.02 - 1.02)	0.90 (0.88 - 0.92)
(Yeast, K, 0.5, 0.2)	0.95 (0.94 - 0.97)	0.96 (0.95 - 0.98)	1.02 (1.02 - 1.02)	0.81 (0.79 - 0.84)
(Yeast, K, 0.5, 0.5)	0.88 (0.86 - 0.90)	0.89 (0.86 - 0.91)	1.02 (1.02 - 1.02)	0.62 (0.59 - 0.66)
(Yeast, K, 0.75, 0.05)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	0.68 (0.68 - 0.68)	0.94 (0.92 - 0.95)
(Yeast, K, 0.75, 0.1)	0.98 (0.97 - 0.99)	0.98 (0.97 - 1.00)	0.68 (0.68 - 0.68)	0.87 (0.85 - 0.89)
(Yeast, K, 0.75, 0.2)	0.95 (0.94 - 0.97)	0.96 (0.94 - 0.97)	0.68 (0.68 - 0.68)	0.75 (0.73 - 0.78)
(Yeast, K, 0.75, 0.5)	0.88 (0.86 - 0.90)	0.89 (0.87 - 0.90)	0.68 (0.68 - 0.68)	0.61 (0.58 - 0.65)
(Yeast, R, 0.05, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	1.00 (0.98 - 1.02)
(Yeast, R, 0.05, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.96 - 1.01)
(Yeast, R, 0.05, 0.2)	1.00 (0.98 - 1.02)	1.00 (0.97 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.96 - 1.02)
(Yeast, R, 0.05, 0.5)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.96 (0.93 - 0.98)
(Yeast, R, 0.1, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.02)	0.99 (0.97 - 1.01)
(Yeast, R, 0.1, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.01)	1.00 (0.97 - 1.02)
(Yeast, R, 0.1, 0.2)	0.99 (0.97 - 1.01)	1.00 (0.98 - 1.02)	1.00 (0.97 - 1.02)	0.99 (0.97 - 1.01)
(Yeast, R, 0.1, 0.5)	0.99 (0.97 - 1.01)	0.98 (0.96 - 1.00)	1.00 (0.98 - 1.01)	0.95 (0.93 - 0.98)
(Yeast, R, 0.25, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.96 - 1.02)	0.98 (0.96 - 1.01)
(Yeast, R, 0.25, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.98 - 1.02)	0.99 (0.97 - 1.01)	0.98 (0.96 - 1.01)
(Yeast, R, 0.25, 0.2)	0.99 (0.97 - 1.01)	1.00 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.96 (0.93 - 0.98)
(Yeast, R, 0.25, 0.5)	0.98 (0.96 - 1.00)	0.98 (0.96 - 1.00)	0.99 (0.97 - 1.01)	0.88 (0.85 - 0.91)
(Yeast, R, 0.5, 0.05)	0.99 (0.97 - 1.01)	0.99 (0.98 - 1.01)	0.90 (0.88 - 0.92)	0.98 (0.96 - 1.00)
(Yeast, R, 0.5, 0.1)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.01)	0.91 (0.89 - 0.93)	0.96 (0.93 - 0.99)
(Yeast, R, 0.5, 0.2)	0.98 (0.96 - 1.01)	0.98 (0.96 - 1.01)	0.90 (0.88 - 0.92)	0.93 (0.91 - 0.95)
(Yeast, R, 0.5, 0.5)	0.95 (0.93 - 0.97)	0.94 (0.92 - 0.97)	0.90 (0.88 - 0.92)	0.83 (0.79 - 0.87)
(Yeast, R, 0.75, 0.05)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.02)	0.69 (0.68 - 0.71)	0.97 (0.96 - 0.99)
(Yeast, R, 0.75, 0.1)	0.98 (0.96 - 1.00)	0.98 (0.95 - 1.00)	0.69 (0.68 - 0.71)	0.95 (0.92 - 0.97)
(Yeast, R, 0.75, 0.2)	0.97 (0.94 - 0.98)	0.96 (0.94 - 0.99)	0.69 (0.68 - 0.70)	0.91 (0.88 - 0.94)
(Yeast, R, 0.75, 0.5)	0.92 (0.90 - 0.94)	0.90 (0.89 - 0.93)	0.69 (0.68 - 0.71)	0.82 (0.79 - 0.86)

Table A.3: Results for the regression databases with biased missing

(Abalone, A, 0.05, 0.05)	1.01 (0.97 - 1.06)	1.00 (0.97 - 1.03)	1.09 (1.05 - 1.12)	1.00 (0.96 - 1.04)
(Abalone, A, 0.05, 0.1)	1.03 (1.00 - 1.06)	1.01 (0.98 - 1.05)	1.09 (1.06 - 1.12)	0.99 (0.95 - 1.04)
(Abalone, A, 0.05, 0.2)	1.04 (1.00 - 1.09)	1.01 (0.97 - 1.05)	1.10 (1.06 - 1.14)	0.99 (0.95 - 1.02)
(Abalone, A, 0.05, 0.5)	1.06 (1.01 - 1.11)	1.02 (0.99 - 1.06)	1.09 (1.06 - 1.12)	0.95 (0.90 - 0.99)
(Abalone, A, 0.1, 0.05)	1.02 (0.98 - 1.06)	1.00 (0.97 - 1.03)	1.09 (1.05 - 1.13)	1.00 (0.97 - 1.05)
(Abalone, A, 0.1, 0.1)	1.03 (0.99 - 1.07)	1.01 (0.98 - 1.05)	1.10 (1.07 - 1.13)	1.00 (0.97 - 1.04)
(Abalone, A, 0.1, 0.2)	1.04 (1.00 - 1.07)	1.01 (0.97 - 1.04)	1.10 (1.06 - 1.13)	1.00 (0.96 - 1.04)
(Abalone, A, 0.1, 0.5)	1.07 (1.01 - 1.11)	1.03 (1.00 - 1.06)	1.09 (1.06 - 1.12)	0.97 (0.92 - 1.01)
(Abalone, A, 0.25, 0.05)	1.04 (0.99 - 1.07)	1.03 (0.99 - 1.06)	1.12 (1.05 - 1.18)	1.00 (0.95 - 1.03)
(Abalone, A, 0.25, 0.1)	1.05 (1.01 - 1.09)	1.03 (1.00 - 1.06)	1.10 (1.05 - 1.16)	0.97 (0.93 - 1.01)
(Abalone, A, 0.25, 0.2)	1.06 (1.02 - 1.10)	1.04 (1.00 - 1.08)	1.11 (1.03 - 1.16)	0.92 (0.87 - 0.97)
(Abalone, A, 0.25, 0.5)	1.09 (1.03 - 1.14)	1.09 (1.05 - 1.15)	1.09 (1.03 - 1.15)	0.81 (0.74 - 0.84)
(Abalone, A, 0.5, 0.05)	1.03 (0.99 - 1.05)	1.01 (0.98 - 1.05)	1.10 (1.05 - 1.15)	0.97 (0.93 - 1.01)
(Abalone, A, 0.5, 0.1)	1.05 (1.01 - 1.09)	1.02 (0.99 - 1.06)	1.10 (1.04 - 1.15)	0.93 (0.88 - 0.98)
(Abalone, A, 0.5, 0.2)	1.05 (1.01 - 1.10)	1.05 (1.02 - 1.09)	1.11 (1.04 - 1.18)	0.89 (0.85 - 0.93)
(Abalone, A, 0.5, 0.5)	1.07 (1.02 - 1.13)	1.11 (1.07 - 1.15)	1.12 (1.05 - 1.18)	0.78 (0.73 - 0.82)
(Abalone, A, 0.75, 0.05)	1.01 (0.99 - 1.05)	1.01 (0.98 - 1.04)	1.06 (0.97 - 1.14)	0.95 (0.90 - 0.99)
(Abalone, A, 0.75, 0.1)	1.02 (0.97 - 1.06)	1.04 (1.00 - 1.07)	1.07 (0.97 - 1.15)	0.89 (0.84 - 0.94)
(Abalone, A, 0.75, 0.2)	1.05 (1.01 - 1.08)	1.06 (1.00 - 1.11)	1.05 (0.96 - 1.14)	0.85 (0.80 - 0.89)
(Abalone, A, 0.75, 0.5)	1.04 (0.98 - 1.09)	1.12 (1.07 - 1.17)	1.05 (0.95 - 1.14)	0.76 (0.72 - 0.80)
(Abalone, D, 0.05, 0.05)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.06 (1.05 - 1.07)	1.00 (0.98 - 1.01)

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	Naïve	Neighbors	No Columns	No Rows
(Abalone, D, 0.05, 0.1)	1.02 (1.01 - 1.03)	1.01 (1.00 - 1.03)	1.07 (1.06 - 1.07)	1.00 (0.99 - 1.01)
(Abalone, D, 0.05, 0.2)	1.03 (1.01 - 1.05)	1.02 (1.01 - 1.04)	1.06 (1.05 - 1.07)	1.00 (0.98 - 1.02)
(Abalone, D, 0.05, 0.5)	1.07 (1.05 - 1.09)	1.06 (1.04 - 1.08)	1.07 (1.06 - 1.08)	1.01 (0.99 - 1.03)
(Abalone, D, 0.1, 0.05)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.06 (1.05 - 1.07)	1.00 (0.98 - 1.01)
(Abalone, D, 0.1, 0.1)	1.02 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.06 (1.05 - 1.07)	1.00 (0.98 - 1.01)
(Abalone, D, 0.1, 0.2)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.04)	1.06 (1.06 - 1.07)	1.01 (0.99 - 1.02)
(Abalone, D, 0.1, 0.5)	1.07 (1.05 - 1.09)	1.06 (1.04 - 1.07)	1.07 (1.06 - 1.07)	1.01 (0.98 - 1.03)
(Abalone, D, 0.25, 0.05)	1.02 (1.00 - 1.03)	1.01 (0.99 - 1.02)	1.21 (1.20 - 1.23)	1.00 (0.98 - 1.02)
(Abalone, D, 0.25, 0.1)	1.03 (1.01 - 1.05)	1.02 (1.00 - 1.03)	1.21 (1.20 - 1.22)	1.01 (1.00 - 1.03)
(Abalone, D, 0.25, 0.2)	1.04 (1.02 - 1.06)	1.03 (1.01 - 1.04)	1.21 (1.20 - 1.22)	1.01 (0.99 - 1.04)
(Abalone, D, 0.25, 0.5)	1.09 (1.07 - 1.12)	1.08 (1.07 - 1.10)	1.21 (1.20 - 1.22)	1.03 (1.01 - 1.06)
(Abalone, D, 0.5, 0.05)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.03)	1.11 (1.11 - 1.12)	1.00 (0.99 - 1.02)
(Abalone, D, 0.5, 0.1)	1.03 (1.01 - 1.04)	1.02 (1.00 - 1.03)	1.12 (1.11 - 1.12)	1.01 (0.98 - 1.03)
(Abalone, D, 0.5, 0.2)	1.04 (1.02 - 1.06)	1.03 (1.02 - 1.05)	1.11 (1.10 - 1.12)	1.01 (0.99 - 1.04)
(Abalone, D, 0.5, 0.5)	1.11 (1.08 - 1.13)	1.10 (1.08 - 1.12)	1.12 (1.11 - 1.12)	1.04 (1.01 - 1.07)
(Abalone, D, 0.75, 0.05)	1.01 (1.00 - 1.03)	1.01 (1.00 - 1.02)	1.06 (1.05 - 1.07)	1.01 (0.99 - 1.03)
(Abalone, D, 0.75, 0.1)	1.03 (1.01 - 1.05)	1.02 (1.00 - 1.04)	1.06 (1.06 - 1.07)	1.02 (1.00 - 1.04)
(Abalone, D, 0.75, 0.2)	1.04 (1.02 - 1.06)	1.04 (1.02 - 1.05)	1.06 (1.06 - 1.07)	1.02 (0.99 - 1.04)
(Abalone, D, 0.75, 0.5)	1.12 (1.09 - 1.15)	1.12 (1.10 - 1.14)	1.06 (1.06 - 1.07)	1.04 (1.00 - 1.08)
(Abalone, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Abalone, K, 0.05, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Abalone, K, 0.05, 0.2)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.01 (1.00 - 1.01)
(Abalone, K, 0.05, 0.5)	1.02 (1.01 - 1.03)	1.03 (1.02 - 1.03)	1.06 (1.06 - 1.06)	1.02 (1.01 - 1.03)
(Abalone, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Abalone, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Abalone, K, 0.1, 0.2)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.01 (1.00 - 1.01)
(Abalone, K, 0.1, 0.5)	1.02 (1.01 - 1.03)	1.03 (1.02 - 1.03)	1.06 (1.06 - 1.06)	1.02 (1.01 - 1.03)
(Abalone, K, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.08 (1.08 - 1.08)	1.01 (1.00 - 1.01)
(Abalone, K, 0.25, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.08 (1.08 - 1.08)	1.01 (1.00 - 1.02)
(Abalone, K, 0.25, 0.2)	1.02 (1.01 - 1.03)	1.02 (1.01 - 1.02)	1.08 (1.08 - 1.08)	1.02 (1.01 - 1.03)
(Abalone, K, 0.25, 0.5)	1.06 (1.04 - 1.08)	1.05 (1.04 - 1.06)	1.08 (1.08 - 1.08)	1.07 (1.05 - 1.09)
(Abalone, K, 0.5, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.25 (1.25 - 1.25)	1.01 (1.00 - 1.01)
(Abalone, K, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.25 (1.25 - 1.25)	1.02 (1.01 - 1.02)
(Abalone, K, 0.5, 0.2)	1.03 (1.02 - 1.04)	1.02 (1.02 - 1.03)	1.25 (1.25 - 1.25)	1.04 (1.03 - 1.05)
(Abalone, K, 0.5, 0.5)	1.09 (1.07 - 1.10)	1.07 (1.06 - 1.09)	1.25 (1.25 - 1.25)	1.10 (1.08 - 1.12)
(Abalone, K, 0.75, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	2.34 (2.34 - 2.34)	1.01 (1.01 - 1.02)
(Abalone, K, 0.75, 0.1)	1.01 (1.00 - 1.02)	1.02 (1.01 - 1.02)	2.34 (2.34 - 2.34)	1.03 (1.01 - 1.04)
(Abalone, K, 0.75, 0.2)	1.04 (1.02 - 1.05)	1.04 (1.03 - 1.05)	2.34 (2.34 - 2.34)	1.06 (1.05 - 1.07)
(Abalone, K, 0.75, 0.5)	1.09 (1.07 - 1.11)	1.10 (1.07 - 1.12)	2.34 (2.34 - 2.34)	1.12 (1.10 - 1.15)
(Abalone, R, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.06 (1.05 - 1.07)	1.00 (0.99 - 1.01)
(Abalone, R, 0.05, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.07 (1.05 - 1.08)	1.00 (0.99 - 1.01)
(Abalone, R, 0.05, 0.2)	1.01 (1.00 - 1.02)	1.02 (1.01 - 1.03)	1.06 (1.05 - 1.07)	1.01 (1.00 - 1.02)
(Abalone, R, 0.05, 0.5)	1.04 (1.03 - 1.05)	1.04 (1.03 - 1.05)	1.06 (1.05 - 1.07)	1.02 (1.01 - 1.03)
(Abalone, R, 0.1, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.07 (1.06 - 1.08)	1.00 (0.99 - 1.01)
(Abalone, R, 0.1, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.06 (1.06 - 1.07)	1.00 (0.99 - 1.01)
(Abalone, R, 0.1, 0.2)	1.02 (1.00 - 1.03)	1.02 (1.01 - 1.03)	1.07 (1.06 - 1.08)	1.01 (1.00 - 1.02)
(Abalone, R, 0.1, 0.5)	1.04 (1.03 - 1.05)	1.04 (1.03 - 1.05)	1.06 (1.06 - 1.07)	1.02 (1.01 - 1.04)
(Abalone, R, 0.25, 0.05)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.01)	1.23 (1.22 - 1.25)	1.00 (0.99 - 1.01)
(Abalone, R, 0.25, 0.1)	1.02 (1.01 - 1.03)	1.01 (1.00 - 1.02)	1.24 (1.23 - 1.25)	1.01 (1.00 - 1.02)
(Abalone, R, 0.25, 0.2)	1.04 (1.03 - 1.05)	1.03 (1.02 - 1.04)	1.23 (1.22 - 1.24)	1.02 (1.00 - 1.03)
(Abalone, R, 0.25, 0.5)	1.10 (1.08 - 1.11)	1.08 (1.06 - 1.09)	1.24 (1.23 - 1.25)	1.05 (1.03 - 1.08)
(Abalone, R, 0.5, 0.05)	1.01 (0.99 - 1.01)	1.01 (1.00 - 1.01)	1.30 (1.29 - 1.31)	1.01 (1.00 - 1.02)
(Abalone, R, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.01 - 1.02)	1.30 (1.29 - 1.31)	1.01 (1.00 - 1.03)
(Abalone, R, 0.5, 0.2)	1.03 (1.01 - 1.04)	1.02 (1.01 - 1.03)	1.30 (1.29 - 1.31)	1.03 (1.02 - 1.05)
(Abalone, R, 0.5, 0.5)	1.08 (1.06 - 1.10)	1.08 (1.07 - 1.10)	1.30 (1.29 - 1.31)	1.07 (1.04 - 1.09)
(Abalone, R, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.44 (1.43 - 1.45)	1.01 (1.00 - 1.02)
(Abalone, R, 0.75, 0.1)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.02)	1.44 (1.43 - 1.45)	1.02 (1.01 - 1.03)
(Abalone, R, 0.75, 0.2)	1.02 (1.01 - 1.04)	1.02 (1.01 - 1.03)	1.44 (1.43 - 1.45)	1.05 (1.02 - 1.06)
(Abalone, R, 0.75, 0.5)	1.09 (1.07 - 1.10)	1.09 (1.07 - 1.10)	1.44 (1.43 - 1.45)	1.08 (1.05 - 1.10)
(Airfoil, A, 0.05, 0.05)	1.05 (1.03 - 1.08)	1.04 (1.01 - 1.07)	1.63 (1.60 - 1.65)	1.00 (0.97 - 1.02)
(Airfoil, A, 0.05, 0.1)	1.09 (1.06 - 1.12)	1.09 (1.06 - 1.12)	1.63 (1.61 - 1.66)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.05, 0.2)	1.12 (1.09 - 1.15)	1.13 (1.10 - 1.16)	1.63 (1.61 - 1.66)	1.00 (0.97 - 1.03)
(Airfoil, A, 0.05, 0.5)	1.22 (1.19 - 1.24)	1.26 (1.23 - 1.28)	1.64 (1.62 - 1.66)	1.03 (1.00 - 1.06)
(Airfoil, A, 0.1, 0.05)	1.05 (1.02 - 1.08)	1.04 (1.01 - 1.08)	1.63 (1.61 - 1.66)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.1, 0.1)	1.09 (1.06 - 1.13)	1.08 (1.04 - 1.11)	1.64 (1.61 - 1.66)	1.01 (0.99 - 1.03)
(Airfoil, A, 0.1, 0.2)	1.12 (1.10 - 1.15)	1.12 (1.09 - 1.15)	1.63 (1.61 - 1.65)	1.00 (0.98 - 1.03)
(Airfoil, A, 0.1, 0.5)	1.22 (1.19 - 1.25)	1.27 (1.24 - 1.30)	1.64 (1.62 - 1.67)	1.04 (1.01 - 1.07)
(Airfoil, A, 0.25, 0.05)	1.06 (1.03 - 1.08)	1.04 (1.01 - 1.08)	1.66 (1.64 - 1.69)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.25, 0.1)	1.10 (1.07 - 1.13)	1.09 (1.06 - 1.12)	1.67 (1.64 - 1.69)	1.01 (0.99 - 1.03)
(Airfoil, A, 0.25, 0.2)	1.14 (1.11 - 1.17)	1.13 (1.10 - 1.16)	1.66 (1.64 - 1.68)	1.01 (0.99 - 1.04)
(Airfoil, A, 0.25, 0.5)	1.24 (1.20 - 1.27)	1.28 (1.24 - 1.31)	1.66 (1.64 - 1.69)	1.09 (1.05 - 1.14)
(Airfoil, A, 0.5, 0.05)	1.08 (1.05 - 1.11)	1.06 (1.02 - 1.09)	1.74 (1.72 - 1.77)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.5, 0.1)	1.11 (1.08 - 1.14)	1.09 (1.04 - 1.12)	1.74 (1.71 - 1.76)	1.00 (0.97 - 1.03)
(Airfoil, A, 0.5, 0.2)	1.16 (1.12 - 1.20)	1.16 (1.12 - 1.19)	1.74 (1.71 - 1.77)	1.01 (0.98 - 1.05)
(Airfoil, A, 0.5, 0.5)	1.28 (1.24 - 1.31)	1.32 (1.28 - 1.35)	1.74 (1.71 - 1.76)	1.11 (1.07 - 1.17)
(Airfoil, A, 0.75, 0.05)	1.08 (1.04 - 1.11)	1.04 (1.01 - 1.06)	1.75 (1.72 - 1.77)	1.00 (0.98 - 1.02)

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	Naïve	Neighbors	No Columns	No Rows
(Airfoil, A, 0.75, 0.1)	1.11 (1.09 - 1.14)	1.08 (1.05 - 1.11)	1.75 (1.73 - 1.78)	1.01 (0.98 - 1.04)
(Airfoil, A, 0.75, 0.2)	1.16 (1.13 - 1.19)	1.14 (1.11 - 1.17)	1.75 (1.73 - 1.78)	1.02 (0.99 - 1.06)
(Airfoil, A, 0.75, 0.5)	1.28 (1.25 - 1.31)	1.30 (1.26 - 1.33)	1.75 (1.72 - 1.77)	1.15 (1.10 - 1.17)
(Airfoil, D, 0.05, 0.05)	1.04 (1.01 - 1.06)	1.03 (1.00 - 1.06)	2.51 (2.48 - 2.54)	0.99 (0.97 - 1.02)
(Airfoil, D, 0.05, 0.1)	1.08 (1.04 - 1.11)	1.09 (1.05 - 1.11)	2.52 (2.49 - 2.54)	1.01 (0.97 - 1.04)
(Airfoil, D, 0.05, 0.2)	1.13 (1.09 - 1.16)	1.15 (1.11 - 1.18)	2.52 (2.50 - 2.54)	1.05 (1.02 - 1.09)
(Airfoil, D, 0.05, 0.5)	1.29 (1.23 - 1.34)	1.31 (1.28 - 1.35)	2.51 (2.49 - 2.54)	1.23 (1.19 - 1.28)
(Airfoil, D, 0.1, 0.05)	1.05 (1.02 - 1.07)	1.05 (1.01 - 1.07)	2.53 (2.51 - 2.55)	1.00 (0.98 - 1.03)
(Airfoil, D, 0.1, 0.1)	1.10 (1.07 - 1.13)	1.07 (1.04 - 1.10)	2.52 (2.49 - 2.54)	1.02 (0.99 - 1.05)
(Airfoil, D, 0.1, 0.2)	1.13 (1.09 - 1.16)	1.15 (1.11 - 1.18)	2.51 (2.49 - 2.54)	1.05 (1.02 - 1.09)
(Airfoil, D, 0.1, 0.5)	1.30 (1.25 - 1.35)	1.32 (1.27 - 1.37)	2.52 (2.49 - 2.54)	1.23 (1.19 - 1.28)
(Airfoil, D, 0.25, 0.05)	1.06 (1.02 - 1.09)	1.05 (1.01 - 1.08)	2.52 (2.50 - 2.55)	1.02 (0.99 - 1.04)
(Airfoil, D, 0.25, 0.1)	1.10 (1.06 - 1.15)	1.10 (1.06 - 1.14)	2.52 (2.49 - 2.55)	1.04 (1.00 - 1.07)
(Airfoil, D, 0.25, 0.2)	1.17 (1.13 - 1.22)	1.19 (1.14 - 1.23)	2.52 (2.50 - 2.54)	1.14 (1.10 - 1.17)
(Airfoil, D, 0.25, 0.5)	1.41 (1.34 - 1.46)	1.44 (1.38 - 1.50)	2.53 (2.50 - 2.56)	1.51 (1.45 - 1.57)
(Airfoil, D, 0.5, 0.05)	1.07 (1.03 - 1.10)	1.04 (1.01 - 1.07)	2.57 (2.54 - 2.60)	1.02 (0.99 - 1.05)
(Airfoil, D, 0.5, 0.1)	1.13 (1.10 - 1.17)	1.11 (1.08 - 1.15)	2.57 (2.55 - 2.59)	1.08 (1.04 - 1.12)
(Airfoil, D, 0.5, 0.2)	1.25 (1.21 - 1.28)	1.26 (1.21 - 1.30)	2.57 (2.55 - 2.59)	1.20 (1.16 - 1.25)
(Airfoil, D, 0.5, 0.5)	1.57 (1.51 - 1.63)	1.63 (1.56 - 1.69)	2.57 (2.55 - 2.59)	1.67 (1.60 - 1.74)
(Airfoil, D, 0.75, 0.05)	1.07 (1.04 - 1.10)	1.06 (1.03 - 1.08)	2.48 (2.46 - 2.51)	1.03 (1.00 - 1.07)
(Airfoil, D, 0.75, 0.1)	1.15 (1.11 - 1.20)	1.12 (1.09 - 1.15)	2.49 (2.46 - 2.51)	1.11 (1.07 - 1.14)
(Airfoil, D, 0.75, 0.2)	1.28 (1.24 - 1.33)	1.27 (1.22 - 1.30)	2.49 (2.46 - 2.51)	1.27 (1.23 - 1.31)
(Airfoil, D, 0.75, 0.5)	1.61 (1.54 - 1.67)	1.66 (1.60 - 1.73)	2.48 (2.46 - 2.51)	1.78 (1.71 - 1.84)
(Airfoil, K, 0.05, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.01 (1.00 - 1.01)
(Airfoil, K, 0.05, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.16 (1.16 - 1.16)	1.02 (1.01 - 1.02)
(Airfoil, K, 0.05, 0.2)	1.02 (1.01 - 1.03)	1.02 (1.02 - 1.03)	1.16 (1.16 - 1.16)	1.02 (1.01 - 1.03)
(Airfoil, K, 0.05, 0.5)	1.04 (1.03 - 1.06)	1.05 (1.03 - 1.06)	1.16 (1.16 - 1.16)	1.04 (1.03 - 1.06)
(Airfoil, K, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.01 (1.00 - 1.01)
(Airfoil, K, 0.1, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	1.16 (1.16 - 1.16)	1.01 (1.01 - 1.02)
(Airfoil, K, 0.1, 0.2)	1.02 (1.02 - 1.03)	1.02 (1.02 - 1.03)	1.16 (1.16 - 1.16)	1.02 (1.02 - 1.03)
(Airfoil, K, 0.1, 0.5)	1.04 (1.03 - 1.06)	1.05 (1.03 - 1.06)	1.16 (1.16 - 1.16)	1.04 (1.03 - 1.06)
(Airfoil, K, 0.25, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.01 (1.01 - 1.02)
(Airfoil, K, 0.25, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	1.16 (1.16 - 1.16)	1.03 (1.02 - 1.04)
(Airfoil, K, 0.25, 0.2)	1.03 (1.02 - 1.03)	1.03 (1.02 - 1.03)	1.16 (1.16 - 1.16)	1.05 (1.04 - 1.06)
(Airfoil, K, 0.25, 0.5)	1.05 (1.04 - 1.06)	1.05 (1.04 - 1.06)	1.16 (1.16 - 1.16)	1.09 (1.07 - 1.10)
(Airfoil, K, 0.5, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.18 (1.18 - 1.18)	1.02 (1.01 - 1.03)
(Airfoil, K, 0.5, 0.1)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.18 (1.18 - 1.18)	1.04 (1.03 - 1.04)
(Airfoil, K, 0.5, 0.2)	1.02 (1.02 - 1.03)	1.03 (1.02 - 1.03)	1.18 (1.18 - 1.18)	1.05 (1.04 - 1.06)
(Airfoil, K, 0.5, 0.5)	1.05 (1.04 - 1.07)	1.06 (1.04 - 1.07)	1.18 (1.18 - 1.18)	1.11 (1.09 - 1.13)
(Airfoil, K, 0.75, 0.05)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	1.25 (1.25 - 1.25)	1.03 (1.02 - 1.03)
(Airfoil, K, 0.75, 0.1)	1.02 (1.01 - 1.03)	1.02 (1.01 - 1.03)	1.25 (1.25 - 1.25)	1.04 (1.03 - 1.05)
(Airfoil, K, 0.75, 0.2)	1.04 (1.03 - 1.05)	1.04 (1.03 - 1.05)	1.25 (1.25 - 1.25)	1.06 (1.05 - 1.07)
(Airfoil, K, 0.75, 0.5)	1.06 (1.05 - 1.07)	1.06 (1.05 - 1.08)	1.25 (1.25 - 1.25)	1.12 (1.10 - 1.15)
(Airfoil, R, 0.05, 0.05)	1.08 (1.05 - 1.11)	1.07 (1.05 - 1.10)	3.65 (3.56 - 3.72)	1.03 (1.00 - 1.06)
(Airfoil, R, 0.05, 0.1)	1.13 (1.10 - 1.16)	1.13 (1.08 - 1.16)	3.64 (3.55 - 3.72)	1.06 (1.02 - 1.09)
(Airfoil, R, 0.05, 0.2)	1.20 (1.16 - 1.23)	1.23 (1.19 - 1.26)	3.65 (3.56 - 3.72)	1.10 (1.07 - 1.13)
(Airfoil, R, 0.05, 0.5)	1.43 (1.38 - 1.49)	1.50 (1.46 - 1.54)	3.65 (3.56 - 3.71)	1.33 (1.29 - 1.38)
(Airfoil, R, 0.1, 0.05)	1.08 (1.05 - 1.10)	1.07 (1.04 - 1.10)	3.65 (3.56 - 3.74)	1.03 (1.00 - 1.05)
(Airfoil, R, 0.1, 0.1)	1.13 (1.09 - 1.17)	1.14 (1.11 - 1.17)	3.64 (3.57 - 3.71)	1.06 (1.03 - 1.08)
(Airfoil, R, 0.1, 0.2)	1.20 (1.16 - 1.23)	1.22 (1.19 - 1.26)	3.64 (3.56 - 3.71)	1.10 (1.08 - 1.13)
(Airfoil, R, 0.1, 0.5)	1.44 (1.38 - 1.49)	1.51 (1.46 - 1.57)	3.64 (3.59 - 3.72)	1.32 (1.28 - 1.37)
(Airfoil, R, 0.25, 0.05)	1.09 (1.06 - 1.12)	1.08 (1.05 - 1.10)	3.65 (3.56 - 3.73)	1.05 (1.02 - 1.09)
(Airfoil, R, 0.25, 0.1)	1.15 (1.10 - 1.18)	1.14 (1.12 - 1.17)	3.64 (3.56 - 3.72)	1.09 (1.05 - 1.13)
(Airfoil, R, 0.25, 0.2)	1.25 (1.21 - 1.28)	1.26 (1.22 - 1.29)	3.63 (3.57 - 3.70)	1.21 (1.17 - 1.26)
(Airfoil, R, 0.25, 0.5)	1.54 (1.47 - 1.60)	1.58 (1.53 - 1.64)	3.62 (3.55 - 3.69)	1.64 (1.58 - 1.69)
(Airfoil, R, 0.5, 0.05)	1.10 (1.07 - 1.12)	1.09 (1.06 - 1.12)	3.72 (3.65 - 3.78)	1.07 (1.04 - 1.10)
(Airfoil, R, 0.5, 0.1)	1.18 (1.15 - 1.22)	1.17 (1.13 - 1.21)	3.71 (3.62 - 3.79)	1.14 (1.09 - 1.18)
(Airfoil, R, 0.5, 0.2)	1.31 (1.26 - 1.35)	1.33 (1.29 - 1.37)	3.72 (3.64 - 3.79)	1.29 (1.24 - 1.34)
(Airfoil, R, 0.5, 0.5)	1.74 (1.68 - 1.79)	1.80 (1.72 - 1.87)	3.74 (3.65 - 3.81)	1.92 (1.81 - 1.99)
(Airfoil, R, 0.75, 0.05)	1.11 (1.08 - 1.15)	1.09 (1.07 - 1.12)	3.61 (3.52 - 3.68)	1.09 (1.06 - 1.12)
(Airfoil, R, 0.75, 0.1)	1.20 (1.16 - 1.24)	1.18 (1.15 - 1.20)	3.58 (3.51 - 3.67)	1.18 (1.14 - 1.22)
(Airfoil, R, 0.75, 0.2)	1.35 (1.30 - 1.39)	1.35 (1.30 - 1.40)	3.59 (3.49 - 3.67)	1.39 (1.33 - 1.44)
(Airfoil, R, 0.75, 0.5)	1.76 (1.69 - 1.82)	1.82 (1.75 - 1.88)	3.58 (3.48 - 3.66)	2.05 (1.95 - 2.13)
(Bike Sharing, A, 0.05, 0.05)	1.90 (1.64 - 2.17)	2.06 (1.70 - 2.33)	2.58 (2.26 - 2.86)	1.03 (0.86 - 1.17)
(Bike Sharing, A, 0.05, 0.1)	1.98 (1.67 - 2.24)	2.12 (1.81 - 2.40)	2.52 (2.18 - 2.78)	1.05 (0.88 - 1.19)
(Bike Sharing, A, 0.05, 0.2)	2.10 (1.85 - 2.42)	2.24 (1.94 - 2.49)	2.54 (2.20 - 2.86)	1.06 (0.90 - 1.24)
(Bike Sharing, A, 0.05, 0.5)	2.26 (2.04 - 2.65)	2.42 (2.15 - 2.74)	2.58 (2.27 - 2.92)	1.17 (0.96 - 1.32)
(Bike Sharing, A, 0.1, 0.05)	1.85 (1.64 - 2.13)	2.02 (1.79 - 2.21)	2.51 (2.26 - 2.77)	1.02 (0.86 - 1.16)
(Bike Sharing, A, 0.1, 0.1)	1.99 (1.75 - 2.22)	2.15 (1.91 - 2.44)	2.53 (2.21 - 2.79)	1.02 (0.88 - 1.13)
(Bike Sharing, A, 0.1, 0.2)	2.14 (1.83 - 2.40)	2.19 (1.90 - 2.46)	2.52 (2.24 - 2.83)	1.02 (0.86 - 1.12)
(Bike Sharing, A, 0.1, 0.5)	2.17 (1.93 - 2.56)	2.34 (2.03 - 2.61)	2.48 (2.13 - 2.79)	1.07 (0.88 - 1.23)
(Bike Sharing, A, 0.25, 0.05)	1.86 (1.63 - 2.14)	1.95 (1.63 - 2.19)	2.50 (2.19 - 2.76)	1.05 (0.87 - 1.19)
(Bike Sharing, A, 0.25, 0.1)	1.97 (1.74 - 2.21)	2.08 (1.81 - 2.30)	2.49 (2.22 - 2.77)	1.03 (0.87 - 1.15)
(Bike Sharing, A, 0.25, 0.2)	2.12 (1.82 - 2.43)	2.18 (1.87 - 2.47)	2.53 (2.19 - 2.92)	1.11 (0.94 - 1.29)
(Bike Sharing, A, 0.25, 0.5)	2.15 (2.00 - 2.55)	2.37 (2.07 - 2.65)	2.46 (2.19 - 2.75)	1.19 (1.04 - 1.34)
(Bike Sharing, A, 0.5, 0.05)	1.72 (1.47 - 1.97)	1.88 (1.54 - 2.17)	2.37 (2.10 - 2.70)	1.01 (0.82 - 1.17)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Bike Sharing, A, 0.5, 0.1)	1.98 (1.69 - 2.29)	2.11 (1.78 - 2.34)	2.52 (2.23 - 2.85)	1.07 (0.90 - 1.20)
(Bike Sharing, A, 0.5, 0.2)	2.06 (1.73 - 2.47)	2.14 (1.78 - 2.39)	2.47 (2.18 - 2.85)	1.15 (0.93 - 1.31)
(Bike Sharing, A, 0.5, 0.5)	2.18 (2.02 - 2.56)	2.30 (2.06 - 2.55)	2.46 (2.20 - 2.74)	1.30 (1.10 - 1.45)
(Bike Sharing, A, 0.75, 0.05)	1.81 (1.54 - 2.11)	1.58 (1.09 - 1.96)	3.30 (2.88 - 3.74)	1.02 (0.87 - 1.17)
(Bike Sharing, A, 0.75, 0.1)	1.92 (1.62 - 2.21)	1.58 (1.27 - 1.84)	3.41 (2.99 - 3.82)	1.15 (1.01 - 1.27)
(Bike Sharing, A, 0.75, 0.2)	2.00 (1.72 - 2.31)	1.67 (1.22 - 2.06)	3.30 (2.91 - 3.72)	1.23 (0.98 - 1.43)
(Bike Sharing, A, 0.75, 0.5)	2.03 (1.84 - 2.39)	1.59 (1.11 - 2.05)	3.35 (3.01 - 3.74)	1.29 (1.07 - 1.51)
(Bike Sharing, D, 0.05, 0.05)	1.15 (1.10 - 1.20)	1.22 (1.16 - 1.26)	3.63 (3.60 - 3.66)	0.99 (0.98 - 1.01)
(Bike Sharing, D, 0.05, 0.1)	1.17 (1.09 - 1.24)	1.42 (1.36 - 1.49)	3.63 (3.60 - 3.65)	0.99 (0.97 - 1.00)
(Bike Sharing, D, 0.05, 0.2)	1.17 (1.09 - 1.26)	1.77 (1.70 - 1.83)	3.62 (3.59 - 3.66)	0.98 (0.97 - 1.00)
(Bike Sharing, D, 0.05, 0.5)	1.24 (1.19 - 1.27)	2.51 (2.38 - 2.62)	3.62 (3.59 - 3.65)	1.01 (0.99 - 1.03)
(Bike Sharing, D, 0.1, 0.05)	1.15 (1.09 - 1.19)	1.21 (1.16 - 1.24)	3.62 (3.59 - 3.65)	0.99 (0.98 - 1.00)
(Bike Sharing, D, 0.1, 0.1)	1.18 (1.10 - 1.25)	1.42 (1.35 - 1.47)	3.62 (3.59 - 3.65)	0.99 (0.98 - 1.01)
(Bike Sharing, D, 0.1, 0.2)	1.19 (1.10 - 1.27)	1.77 (1.65 - 1.86)	3.61 (3.58 - 3.65)	0.99 (0.98 - 1.01)
(Bike Sharing, D, 0.1, 0.5)	1.22 (1.19 - 1.26)	2.53 (2.42 - 2.62)	3.62 (3.59 - 3.65)	1.01 (1.00 - 1.03)
(Bike Sharing, D, 0.25, 0.05)	1.15 (1.11 - 1.18)	1.26 (1.20 - 1.30)	3.98 (3.96 - 4.01)	0.98 (0.97 - 1.00)
(Bike Sharing, D, 0.25, 0.1)	1.16 (1.08 - 1.23)	1.49 (1.43 - 1.56)	3.99 (3.96 - 4.02)	0.99 (0.97 - 1.01)
(Bike Sharing, D, 0.25, 0.2)	1.17 (1.10 - 1.23)	1.84 (1.76 - 1.93)	4.00 (3.97 - 4.02)	1.01 (0.99 - 1.02)
(Bike Sharing, D, 0.25, 0.5)	1.38 (1.30 - 1.44)	2.59 (2.47 - 2.69)	3.98 (3.95 - 4.02)	1.08 (1.06 - 1.11)
(Bike Sharing, D, 0.5, 0.05)	1.14 (1.09 - 1.19)	1.27 (1.21 - 1.32)	4.66 (4.63 - 4.68)	0.98 (0.96 - 1.00)
(Bike Sharing, D, 0.5, 0.1)	1.17 (1.10 - 1.23)	1.55 (1.47 - 1.60)	4.67 (4.64 - 4.70)	1.00 (0.98 - 1.02)
(Bike Sharing, D, 0.5, 0.2)	1.19 (1.12 - 1.26)	1.96 (1.89 - 2.03)	4.67 (4.64 - 4.69)	1.02 (1.00 - 1.04)
(Bike Sharing, D, 0.5, 0.5)	1.38 (1.30 - 1.44)	2.74 (2.62 - 2.86)	4.66 (4.63 - 4.68)	1.12 (1.08 - 1.15)
(Bike Sharing, D, 0.75, 0.05)	1.14 (1.09 - 1.19)	1.30 (1.24 - 1.35)	5.65 (5.62 - 5.68)	0.99 (0.97 - 1.01)
(Bike Sharing, D, 0.75, 0.1)	1.17 (1.10 - 1.22)	1.53 (1.47 - 1.58)	5.64 (5.61 - 5.67)	1.01 (0.99 - 1.03)
(Bike Sharing, D, 0.75, 0.2)	1.20 (1.11 - 1.29)	1.90 (1.81 - 1.99)	5.65 (5.62 - 5.68)	1.06 (1.03 - 1.08)
(Bike Sharing, D, 0.75, 0.5)	1.33 (1.26 - 1.40)	2.67 (2.50 - 2.83)	5.64 (5.61 - 5.67)	1.15 (1.12 - 1.19)
(Bike Sharing, K, 0.05, 0.05)	1.20 (1.19 - 1.24)	1.19 (1.16 - 1.21)	4.40 (4.40 - 4.40)	1.00 (1.00 - 1.01)
(Bike Sharing, K, 0.05, 0.1)	1.25 (1.13 - 1.33)	1.35 (1.31 - 1.37)	4.40 (4.40 - 4.40)	1.01 (1.00 - 1.01)
(Bike Sharing, K, 0.05, 0.2)	1.24 (1.16 - 1.39)	1.66 (1.62 - 1.70)	4.40 (4.40 - 4.40)	1.02 (1.01 - 1.02)
(Bike Sharing, K, 0.05, 0.5)	1.22 (1.21 - 1.24)	2.37 (2.30 - 2.42)	4.40 (4.40 - 4.40)	1.04 (1.04 - 1.05)
(Bike Sharing, K, 0.1, 0.05)	1.20 (1.21 - 1.24)	1.19 (1.16 - 1.21)	4.40 (4.40 - 4.40)	1.00 (1.00 - 1.01)
(Bike Sharing, K, 0.1, 0.1)	1.24 (1.13 - 1.33)	1.36 (1.32 - 1.41)	4.40 (4.40 - 4.40)	1.01 (1.00 - 1.01)
(Bike Sharing, K, 0.1, 0.2)	1.25 (1.16 - 1.39)	1.67 (1.62 - 1.70)	4.40 (4.40 - 4.40)	1.01 (1.01 - 1.02)
(Bike Sharing, K, 0.1, 0.5)	1.23 (1.22 - 1.24)	2.36 (2.29 - 2.43)	4.40 (4.40 - 4.40)	1.05 (1.04 - 1.06)
(Bike Sharing, K, 0.25, 0.05)	1.19 (1.10 - 1.24)	1.23 (1.19 - 1.25)	4.63 (4.63 - 4.63)	1.01 (1.00 - 1.01)
(Bike Sharing, K, 0.25, 0.1)	1.25 (1.14 - 1.35)	1.46 (1.42 - 1.50)	4.63 (4.63 - 4.63)	1.02 (1.01 - 1.02)
(Bike Sharing, K, 0.25, 0.2)	1.30 (1.17 - 1.41)	1.87 (1.82 - 1.93)	4.63 (4.63 - 4.63)	1.04 (1.03 - 1.05)
(Bike Sharing, K, 0.25, 0.5)	1.33 (1.24 - 1.39)	2.70 (2.59 - 2.79)	4.63 (4.63 - 4.63)	1.14 (1.12 - 1.16)
(Bike Sharing, K, 0.5, 0.05)	1.20 (1.17 - 1.24)	1.25 (1.22 - 1.28)	5.64 (5.64 - 5.64)	1.01 (1.01 - 1.02)
(Bike Sharing, K, 0.5, 0.1)	1.27 (1.16 - 1.35)	1.48 (1.43 - 1.53)	5.64 (5.64 - 5.64)	1.03 (1.02 - 1.04)
(Bike Sharing, K, 0.5, 0.2)	1.28 (1.18 - 1.40)	1.98 (1.91 - 2.05)	5.64 (5.64 - 5.64)	1.07 (1.06 - 1.08)
(Bike Sharing, K, 0.5, 0.5)	1.41 (1.32 - 1.46)	2.83 (2.69 - 2.97)	5.64 (5.64 - 5.64)	1.21 (1.19 - 1.24)
(Bike Sharing, K, 0.75, 0.05)	1.21 (1.17 - 1.25)	1.31 (1.22 - 1.38)	7.44 (7.44 - 7.44)	1.02 (1.01 - 1.03)
(Bike Sharing, K, 0.75, 0.1)	1.29 (1.18 - 1.36)	1.55 (1.37 - 1.70)	7.44 (7.44 - 7.44)	1.05 (1.04 - 1.06)
(Bike Sharing, K, 0.75, 0.2)	1.33 (1.21 - 1.44)	2.03 (1.71 - 2.31)	7.44 (7.44 - 7.44)	1.11 (1.10 - 1.13)
(Bike Sharing, K, 0.75, 0.5)	1.45 (1.37 - 1.53)	2.72 (2.24 - 3.13)	7.44 (7.44 - 7.44)	1.26 (1.23 - 1.29)
(Bike Sharing, R, 0.05, 0.05)	1.19 (1.17 - 1.24)	1.29 (1.25 - 1.32)	4.38 (4.33 - 4.43)	1.00 (0.99 - 1.01)
(Bike Sharing, R, 0.05, 0.1)	1.23 (1.13 - 1.29)	1.53 (1.49 - 1.58)	4.38 (4.34 - 4.41)	1.01 (1.00 - 1.02)
(Bike Sharing, R, 0.05, 0.2)	1.22 (1.14 - 1.34)	1.96 (1.91 - 2.01)	4.40 (4.35 - 4.44)	1.01 (1.00 - 1.02)
(Bike Sharing, R, 0.05, 0.5)	1.38 (1.34 - 1.41)	2.97 (2.88 - 3.05)	4.40 (4.35 - 4.44)	1.05 (1.04 - 1.06)
(Bike Sharing, R, 0.1, 0.05)	1.18 (1.11 - 1.23)	1.28 (1.24 - 1.30)	4.40 (4.35 - 4.44)	1.00 (0.99 - 1.01)
(Bike Sharing, R, 0.1, 0.1)	1.23 (1.13 - 1.29)	1.53 (1.49 - 1.58)	4.39 (4.34 - 4.43)	1.00 (0.99 - 1.01)
(Bike Sharing, R, 0.1, 0.2)	1.22 (1.14 - 1.34)	1.96 (1.91 - 2.02)	4.39 (4.35 - 4.43)	1.02 (1.01 - 1.03)
(Bike Sharing, R, 0.1, 0.5)	1.37 (1.35 - 1.41)	2.96 (2.90 - 3.03)	4.39 (4.35 - 4.44)	1.05 (1.04 - 1.06)
(Bike Sharing, R, 0.25, 0.05)	1.19 (1.18 - 1.24)	1.32 (1.28 - 1.34)	4.59 (4.54 - 4.64)	1.01 (1.00 - 1.02)
(Bike Sharing, R, 0.25, 0.1)	1.24 (1.14 - 1.31)	1.60 (1.54 - 1.64)	4.58 (4.53 - 4.63)	1.02 (1.01 - 1.03)
(Bike Sharing, R, 0.25, 0.2)	1.25 (1.15 - 1.33)	2.05 (1.99 - 2.11)	4.57 (4.52 - 4.63)	1.04 (1.03 - 1.05)
(Bike Sharing, R, 0.25, 0.5)	1.48 (1.39 - 1.56)	3.00 (2.86 - 3.10)	4.59 (4.53 - 4.64)	1.13 (1.11 - 1.15)
(Bike Sharing, R, 0.5, 0.05)	1.19 (1.13 - 1.24)	1.34 (1.30 - 1.39)	5.53 (5.50 - 5.59)	1.01 (1.00 - 1.02)
(Bike Sharing, R, 0.5, 0.1)	1.24 (1.14 - 1.31)	1.62 (1.57 - 1.66)	5.54 (5.49 - 5.58)	1.03 (1.02 - 1.04)
(Bike Sharing, R, 0.5, 0.2)	1.28 (1.17 - 1.38)	2.11 (2.03 - 2.18)	5.54 (5.50 - 5.58)	1.06 (1.05 - 1.07)
(Bike Sharing, R, 0.5, 0.5)	1.42 (1.32 - 1.49)	3.06 (2.89 - 3.23)	5.53 (5.48 - 5.58)	1.16 (1.14 - 1.19)
(Bike Sharing, R, 0.75, 0.05)	1.19 (1.17 - 1.23)	1.39 (1.34 - 1.42)	6.47 (6.42 - 6.51)	1.02 (1.01 - 1.04)
(Bike Sharing, R, 0.75, 0.1)	1.24 (1.15 - 1.30)	1.66 (1.60 - 1.71)	6.45 (6.41 - 6.50)	1.05 (1.03 - 1.06)
(Bike Sharing, R, 0.75, 0.2)	1.26 (1.15 - 1.34)	2.11 (2.04 - 2.17)	6.46 (6.42 - 6.51)	1.10 (1.08 - 1.12)
(Bike Sharing, R, 0.75, 0.5)	1.43 (1.35 - 1.48)	3.06 (2.89 - 3.23)	6.44 (6.38 - 6.49)	1.21 (1.17 - 1.26)
(California House, A, 0.05, 0.05)	0.99 (0.93 - 1.06)	0.99 (0.92 - 1.05)	1.08 (1.00 - 1.14)	0.99 (0.92 - 1.08)
(California House, A, 0.05, 0.1)	0.97 (0.91 - 1.03)	0.99 (0.92 - 1.06)	1.07 (0.98 - 1.14)	0.99 (0.93 - 1.06)
(California House, A, 0.05, 0.2)	0.98 (0.90 - 1.04)	0.98 (0.92 - 1.04)	1.09 (1.00 - 1.14)	0.99 (0.92 - 1.04)
(California House, A, 0.05, 0.5)	0.95 (0.89 - 1.01)	0.97 (0.91 - 1.04)	1.06 (1.00 - 1.12)	0.97 (0.90 - 1.04)
(California House, A, 0.1, 0.05)	0.98 (0.91 - 1.07)	0.99 (0.94 - 1.06)	1.05 (0.98 - 1.11)	0.99 (0.93 - 1.05)
(California House, A, 0.1, 0.1)	0.99 (0.92 - 1.04)	0.99 (0.91 - 1.06)	1.08 (1.00 - 1.15)	1.00 (0.94 - 1.06)
(California House, A, 0.1, 0.2)	0.97 (0.92 - 1.03)	0.98 (0.92 - 1.05)	1.09 (1.00 - 1.16)	1.00 (0.92 - 1.08)
(California House, A, 0.1, 0.5)	0.93 (0.87 - 0.99)	0.95 (0.89 - 0.99)	1.07 (1.00 - 1.11)	0.95 (0.88 - 1.00)
(California House, A, 0.25, 0.05)	0.98 (0.91 - 1.03)	0.99 (0.92 - 1.05)	1.10 (1.03 - 1.17)	1.00 (0.93 - 1.08)

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	Naïve	Neighbors	No Columns	No Rows
(California House, A, 0.25, 0.1)	0.98 (0.92 - 1.05)	0.99 (0.92 - 1.06)	1.12 (1.03 - 1.18)	0.99 (0.92 - 1.07)
(California House, A, 0.25, 0.2)	0.96 (0.91 - 1.02)	0.96 (0.90 - 1.03)	1.11 (1.05 - 1.15)	0.97 (0.88 - 1.05)
(California House, A, 0.25, 0.5)	0.90 (0.84 - 0.94)	0.92 (0.86 - 0.97)	1.10 (1.04 - 1.15)	0.93 (0.87 - 0.98)
(California House, A, 0.5, 0.05)	1.01 (0.94 - 1.06)	1.03 (0.97 - 1.08)	1.15 (1.08 - 1.21)	1.00 (0.93 - 1.06)
(California House, A, 0.5, 0.1)	0.99 (0.91 - 1.06)	1.01 (0.94 - 1.05)	1.13 (1.07 - 1.19)	0.98 (0.92 - 1.05)
(California House, A, 0.5, 0.2)	0.97 (0.91 - 1.02)	1.01 (0.94 - 1.07)	1.13 (1.06 - 1.17)	0.96 (0.89 - 1.02)
(California House, A, 0.5, 0.5)	0.92 (0.85 - 0.98)	0.99 (0.91 - 1.05)	1.16 (1.09 - 1.23)	0.91 (0.83 - 0.99)
(California House, A, 0.75, 0.05)	1.00 (0.92 - 1.07)	0.99 (0.93 - 1.05)	1.07 (1.00 - 1.12)	1.00 (0.94 - 1.03)
(California House, A, 0.75, 0.1)	0.98 (0.92 - 1.04)	0.97 (0.88 - 1.05)	1.05 (0.98 - 1.10)	0.95 (0.90 - 1.02)
(California House, A, 0.75, 0.2)	0.97 (0.89 - 1.03)	0.96 (0.88 - 1.04)	1.06 (0.99 - 1.11)	0.93 (0.86 - 1.00)
(California House, A, 0.75, 0.5)	0.90 (0.83 - 0.94)	0.92 (0.86 - 0.96)	1.04 (0.98 - 1.09)	0.86 (0.81 - 0.91)
(California House, D, 0.05, 0.05)	1.02 (1.01 - 1.03)	1.03 (1.02 - 1.04)	1.44 (1.43 - 1.45)	1.02 (1.00 - 1.03)
(California House, D, 0.05, 0.1)	1.04 (1.02 - 1.05)	1.05 (1.03 - 1.06)	1.44 (1.44 - 1.45)	1.04 (1.02 - 1.06)
(California House, D, 0.05, 0.2)	1.09 (1.07 - 1.12)	1.10 (1.08 - 1.12)	1.44 (1.43 - 1.45)	1.06 (1.04 - 1.08)
(California House, D, 0.05, 0.5)	1.21 (1.20 - 1.22)	1.20 (1.19 - 1.22)	1.44 (1.44 - 1.45)	1.13 (1.10 - 1.15)
(California House, D, 0.1, 0.05)	1.02 (1.01 - 1.03)	1.03 (1.02 - 1.04)	1.44 (1.43 - 1.45)	1.03 (1.01 - 1.04)
(California House, D, 0.1, 0.1)	1.04 (1.02 - 1.04)	1.04 (1.03 - 1.05)	1.44 (1.43 - 1.45)	1.04 (1.02 - 1.06)
(California House, D, 0.1, 0.2)	1.09 (1.06 - 1.11)	1.10 (1.08 - 1.12)	1.44 (1.44 - 1.45)	1.06 (1.04 - 1.08)
(California House, D, 0.1, 0.5)	1.21 (1.20 - 1.22)	1.20 (1.18 - 1.22)	1.44 (1.43 - 1.45)	1.12 (1.10 - 1.15)
(California House, D, 0.25, 0.05)	1.09 (1.08 - 1.10)	1.10 (1.09 - 1.11)	1.69 (1.68 - 1.70)	1.03 (1.02 - 1.05)
(California House, D, 0.25, 0.1)	1.13 (1.12 - 1.15)	1.14 (1.13 - 1.16)	1.68 (1.67 - 1.69)	1.04 (1.02 - 1.07)
(California House, D, 0.25, 0.2)	1.21 (1.19 - 1.23)	1.24 (1.22 - 1.25)	1.69 (1.67 - 1.69)	1.07 (1.05 - 1.09)
(California House, D, 0.25, 0.5)	1.47 (1.45 - 1.49)	1.45 (1.43 - 1.47)	1.68 (1.67 - 1.69)	1.21 (1.18 - 1.24)
(California House, D, 0.5, 0.05)	1.05 (1.04 - 1.06)	1.08 (1.06 - 1.10)	2.78 (2.77 - 2.79)	1.06 (1.03 - 1.08)
(California House, D, 0.5, 0.1)	1.11 (1.09 - 1.13)	1.13 (1.10 - 1.15)	2.78 (2.76 - 2.80)	1.07 (1.05 - 1.09)
(California House, D, 0.5, 0.2)	1.22 (1.20 - 1.24)	1.20 (1.18 - 1.22)	2.78 (2.77 - 2.80)	1.12 (1.10 - 1.15)
(California House, D, 0.5, 0.5)	1.50 (1.47 - 1.53)	1.48 (1.45 - 1.50)	2.78 (2.76 - 2.79)	1.29 (1.24 - 1.33)
(California House, D, 0.75, 0.05)	1.05 (1.04 - 1.06)	1.07 (1.05 - 1.09)	3.32 (3.30 - 3.34)	1.07 (1.05 - 1.09)
(California House, D, 0.75, 0.1)	1.11 (1.09 - 1.13)	1.13 (1.12 - 1.15)	3.32 (3.31 - 3.33)	1.09 (1.07 - 1.11)
(California House, D, 0.75, 0.2)	1.22 (1.20 - 1.24)	1.21 (1.20 - 1.23)	3.32 (3.30 - 3.33)	1.17 (1.14 - 1.20)
(California House, D, 0.75, 0.5)	1.49 (1.45 - 1.52)	1.51 (1.48 - 1.53)	3.32 (3.31 - 3.34)	1.34 (1.29 - 1.39)
(California House, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.05, 0.2)	1.00 (1.00 - 1.01)	1.02 (1.02 - 1.02)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.05, 0.5)	1.01 (1.00 - 1.01)	1.05 (1.04 - 1.05)	1.16 (1.16 - 1.16)	1.01 (1.00 - 1.01)
(California House, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.1, 0.2)	1.00 (1.00 - 1.01)	1.02 (1.02 - 1.02)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.1, 0.5)	1.01 (1.00 - 1.01)	1.04 (1.04 - 1.05)	1.16 (1.16 - 1.16)	1.01 (1.00 - 1.01)
(California House, K, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.15 (1.15 - 1.15)	1.00 (1.00 - 1.00)
(California House, K, 0.25, 0.1)	1.01 (1.01 - 1.01)	1.01 (1.01 - 1.02)	1.15 (1.15 - 1.15)	1.00 (1.00 - 1.00)
(California House, K, 0.25, 0.2)	1.01 (1.01 - 1.02)	1.02 (1.02 - 1.03)	1.15 (1.15 - 1.15)	1.00 (1.00 - 1.01)
(California House, K, 0.25, 0.5)	1.02 (1.02 - 1.03)	1.05 (1.04 - 1.05)	1.15 (1.15 - 1.15)	1.01 (1.01 - 1.02)
(California House, K, 0.5, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	0.52 (0.52 - 0.52)	1.00 (1.00 - 1.00)
(California House, K, 0.5, 0.1)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.02)	0.52 (0.52 - 0.52)	1.00 (1.00 - 1.01)
(California House, K, 0.5, 0.2)	1.02 (1.02 - 1.03)	1.03 (1.03 - 1.04)	0.52 (0.52 - 0.52)	1.01 (1.00 - 1.01)
(California House, K, 0.5, 0.5)	1.04 (1.03 - 1.05)	1.11 (1.10 - 1.12)	0.52 (0.52 - 0.52)	1.03 (1.02 - 1.05)
(California House, K, 0.75, 0.05)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.01)	0.35 (0.35 - 0.35)	1.00 (1.00 - 1.00)
(California House, K, 0.75, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	0.35 (0.35 - 0.35)	1.00 (1.00 - 1.01)
(California House, K, 0.75, 0.2)	1.02 (1.01 - 1.02)	1.03 (1.02 - 1.03)	0.35 (0.35 - 0.35)	1.02 (1.01 - 1.02)
(California House, K, 0.75, 0.5)	1.04 (1.03 - 1.05)	1.07 (1.07 - 1.08)	0.35 (0.35 - 0.35)	1.05 (1.04 - 1.06)
(California House, R, 0.05, 0.05)	1.02 (1.02 - 1.03)	1.02 (1.02 - 1.03)	1.44 (1.43 - 1.45)	1.01 (1.00 - 1.02)
(California House, R, 0.05, 0.1)	1.04 (1.03 - 1.04)	1.04 (1.03 - 1.05)	1.44 (1.43 - 1.45)	1.01 (1.00 - 1.02)
(California House, R, 0.05, 0.2)	1.07 (1.07 - 1.08)	1.08 (1.07 - 1.09)	1.44 (1.43 - 1.45)	1.03 (1.02 - 1.04)
(California House, R, 0.05, 0.5)	1.18 (1.17 - 1.20)	1.17 (1.16 - 1.18)	1.44 (1.43 - 1.45)	1.09 (1.08 - 1.11)
(California House, R, 0.1, 0.05)	1.02 (1.02 - 1.03)	1.02 (1.02 - 1.03)	1.44 (1.43 - 1.45)	1.01 (0.99 - 1.01)
(California House, R, 0.1, 0.1)	1.04 (1.03 - 1.05)	1.04 (1.03 - 1.05)	1.44 (1.43 - 1.45)	1.01 (1.00 - 1.02)
(California House, R, 0.1, 0.2)	1.07 (1.06 - 1.08)	1.07 (1.07 - 1.08)	1.44 (1.43 - 1.45)	1.03 (1.02 - 1.04)
(California House, R, 0.1, 0.5)	1.18 (1.17 - 1.20)	1.17 (1.16 - 1.18)	1.44 (1.43 - 1.45)	1.10 (1.08 - 1.11)
(California House, R, 0.25, 0.05)	1.06 (1.05 - 1.07)	1.06 (1.05 - 1.07)	1.67 (1.65 - 1.68)	1.01 (1.00 - 1.02)
(California House, R, 0.25, 0.1)	1.10 (1.09 - 1.11)	1.11 (1.10 - 1.12)	1.67 (1.66 - 1.68)	1.02 (1.01 - 1.03)
(California House, R, 0.25, 0.2)	1.19 (1.18 - 1.20)	1.20 (1.19 - 1.22)	1.67 (1.66 - 1.68)	1.05 (1.04 - 1.06)
(California House, R, 0.25, 0.5)	1.41 (1.39 - 1.42)	1.40 (1.38 - 1.42)	1.66 (1.65 - 1.68)	1.19 (1.17 - 1.21)
(California House, R, 0.5, 0.05)	1.05 (1.04 - 1.06)	1.05 (1.04 - 1.06)	2.80 (2.78 - 2.83)	1.02 (1.01 - 1.03)
(California House, R, 0.5, 0.1)	1.08 (1.07 - 1.10)	1.09 (1.08 - 1.10)	2.81 (2.79 - 2.83)	1.04 (1.03 - 1.05)
(California House, R, 0.5, 0.2)	1.17 (1.15 - 1.18)	1.16 (1.14 - 1.17)	2.80 (2.78 - 2.83)	1.10 (1.08 - 1.11)
(California House, R, 0.5, 0.5)	1.43 (1.42 - 1.46)	1.41 (1.39 - 1.42)	2.81 (2.79 - 2.83)	1.29 (1.26 - 1.32)
(California House, R, 0.75, 0.05)	1.04 (1.04 - 1.05)	1.05 (1.04 - 1.06)	3.63 (3.61 - 3.66)	1.03 (1.02 - 1.04)
(California House, R, 0.75, 0.1)	1.09 (1.08 - 1.10)	1.09 (1.08 - 1.10)	3.63 (3.61 - 3.66)	1.06 (1.05 - 1.08)
(California House, R, 0.75, 0.2)	1.17 (1.16 - 1.19)	1.17 (1.16 - 1.19)	3.64 (3.61 - 3.66)	1.14 (1.12 - 1.15)
(California House, R, 0.75, 0.5)	1.44 (1.42 - 1.47)	1.45 (1.42 - 1.46)	3.64 (3.61 - 3.66)	1.33 (1.30 - 1.37)
(Compactiv, A, 0.05, 0.05)	1.00 (0.98 - 1.03)	1.00 (0.98 - 1.03)	1.09 (1.06 - 1.13)	1.00 (0.97 - 1.02)
(Compactiv, A, 0.05, 0.1)	1.01 (0.98 - 1.03)	1.01 (0.98 - 1.03)	1.09 (1.06 - 1.12)	0.99 (0.96 - 1.02)
(Compactiv, A, 0.05, 0.2)	1.03 (1.00 - 1.05)	1.02 (0.98 - 1.04)	1.09 (1.06 - 1.12)	0.99 (0.96 - 1.02)
(Compactiv, A, 0.05, 0.5)	1.06 (1.03 - 1.09)	1.03 (1.00 - 1.06)	1.10 (1.06 - 1.13)	0.97 (0.93 - 1.01)
(Compactiv, A, 0.1, 0.05)	1.01 (0.98 - 1.05)	1.01 (0.97 - 1.04)	1.09 (1.06 - 1.12)	1.00 (0.97 - 1.03)

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	Naïve	Neighbors	No Columns	No Rows
(Compactiv, A, 0.1, 0.1)	1.01 (0.99 - 1.04)	1.01 (0.97 - 1.04)	1.08 (1.05 - 1.12)	0.98 (0.95 - 1.01)
(Compactiv, A, 0.1, 0.2)	1.03 (1.01 - 1.06)	1.02 (0.99 - 1.04)	1.09 (1.06 - 1.13)	0.98 (0.95 - 1.00)
(Compactiv, A, 0.1, 0.5)	1.07 (1.03 - 1.10)	1.04 (1.01 - 1.08)	1.09 (1.06 - 1.13)	0.94 (0.90 - 0.96)
(Compactiv, A, 0.25, 0.05)	1.00 (0.97 - 1.03)	0.98 (0.96 - 1.01)	1.11 (1.06 - 1.15)	0.99 (0.96 - 1.01)
(Compactiv, A, 0.25, 0.1)	1.00 (0.96 - 1.02)	0.98 (0.96 - 1.02)	1.10 (1.07 - 1.13)	0.99 (0.96 - 1.01)
(Compactiv, A, 0.25, 0.2)	1.01 (0.99 - 1.04)	0.99 (0.96 - 1.01)	1.10 (1.07 - 1.12)	0.95 (0.92 - 0.98)
(Compactiv, A, 0.25, 0.5)	1.05 (1.03 - 1.08)	1.01 (0.98 - 1.04)	1.10 (1.08 - 1.13)	0.91 (0.87 - 0.93)
(Compactiv, A, 0.5, 0.05)	0.99 (0.97 - 1.02)	0.99 (0.96 - 1.02)	1.47 (1.42 - 1.52)	0.99 (0.95 - 1.02)
(Compactiv, A, 0.5, 0.1)	1.00 (0.97 - 1.02)	0.97 (0.94 - 1.00)	1.48 (1.43 - 1.52)	0.98 (0.94 - 1.01)
(Compactiv, A, 0.5, 0.2)	1.01 (0.98 - 1.03)	0.94 (0.91 - 0.96)	1.48 (1.42 - 1.52)	0.94 (0.90 - 0.97)
(Compactiv, A, 0.5, 0.5)	1.06 (1.03 - 1.10)	0.97 (0.94 - 1.00)	1.47 (1.42 - 1.51)	0.96 (0.86 - 0.92)
(Compactiv, A, 0.75, 0.05)	0.99 (0.97 - 1.01)	0.99 (0.96 - 1.01)	1.42 (1.37 - 1.46)	0.98 (0.95 - 1.00)
(Compactiv, A, 0.75, 0.1)	0.99 (0.97 - 1.02)	0.97 (0.94 - 1.00)	1.41 (1.37 - 1.45)	0.97 (0.93 - 0.99)
(Compactiv, A, 0.75, 0.2)	1.00 (0.97 - 1.03)	0.95 (0.92 - 0.97)	1.40 (1.37 - 1.44)	0.94 (0.88 - 0.96)
(Compactiv, A, 0.75, 0.5)	1.06 (1.03 - 1.10)	0.95 (0.92 - 0.97)	1.41 (1.37 - 1.45)	0.92 (0.86 - 0.93)
(Compactiv, D, 0.05, 0.05)	0.99 (0.98 - 1.00)	0.98 (0.97 - 0.99)	1.11 (1.09 - 1.12)	0.99 (0.97 - 1.00)
(Compactiv, D, 0.05, 0.1)	0.99 (0.98 - 1.00)	0.98 (0.97 - 0.99)	1.11 (1.09 - 1.12)	0.99 (0.98 - 1.01)
(Compactiv, D, 0.05, 0.2)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.11 (1.10 - 1.12)	1.03 (0.98 - 1.02)
(Compactiv, D, 0.05, 0.5)	1.05 (1.03 - 1.06)	1.03 (1.01 - 1.04)	1.11 (1.10 - 1.13)	1.09 (1.03 - 1.08)
(Compactiv, D, 0.1, 0.05)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	1.13 (1.11 - 1.14)	1.00 (0.97 - 1.01)
(Compactiv, D, 0.1, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.13 (1.11 - 1.14)	0.99 (0.97 - 1.01)
(Compactiv, D, 0.1, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.12 (1.11 - 1.14)	1.02 (0.98 - 1.03)
(Compactiv, D, 0.1, 0.5)	1.05 (1.04 - 1.07)	1.04 (1.03 - 1.06)	1.13 (1.12 - 1.14)	1.14 (1.04 - 1.10)
(Compactiv, D, 0.25, 0.05)	0.99 (0.98 - 1.00)	0.99 (0.98 - 1.00)	1.13 (1.10 - 1.15)	1.02 (0.98 - 1.02)
(Compactiv, D, 0.25, 0.1)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.13 (1.11 - 1.15)	1.04 (0.99 - 1.03)
(Compactiv, D, 0.25, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.13 (1.11 - 1.15)	1.09 (1.01 - 1.07)
(Compactiv, D, 0.25, 0.5)	1.06 (1.05 - 1.08)	1.05 (1.03 - 1.07)	1.13 (1.11 - 1.15)	1.24 (1.09 - 1.16)
(Compactiv, D, 0.5, 0.05)	0.99 (0.97 - 1.00)	0.99 (0.98 - 1.00)	1.44 (1.41 - 1.46)	1.02 (0.98 - 1.02)
(Compactiv, D, 0.5, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.98 - 1.01)	1.44 (1.42 - 1.46)	1.03 (1.01 - 1.05)
(Compactiv, D, 0.5, 0.2)	1.03 (1.01 - 1.04)	1.03 (1.01 - 1.04)	1.44 (1.42 - 1.46)	1.17 (1.06 - 1.12)
(Compactiv, D, 0.5, 0.5)	1.13 (1.11 - 1.15)	1.12 (1.09 - 1.13)	1.44 (1.42 - 1.46)	1.20 (1.10 - 1.19)
(Compactiv, D, 0.75, 0.05)	0.99 (0.97 - 1.00)	0.99 (0.98 - 1.00)	2.39 (2.36 - 2.42)	1.04 (0.99 - 1.03)
(Compactiv, D, 0.75, 0.1)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	2.40 (2.38 - 2.42)	1.09 (1.03 - 1.08)
(Compactiv, D, 0.75, 0.2)	1.03 (1.01 - 1.04)	1.02 (1.01 - 1.04)	2.39 (2.37 - 2.42)	1.25 (1.09 - 1.15)
(Compactiv, D, 0.75, 0.5)	1.14 (1.12 - 1.16)	1.13 (1.10 - 1.15)	2.40 (2.38 - 2.43)	1.25 (1.10 - 1.20)
(Compactiv, K, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	54.71 (54.71 - 54.71)	1.00 (1.00 - 1.01)
(Compactiv, K, 0.05, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	54.71 (54.71 - 54.71)	1.01 (1.00 - 1.01)
(Compactiv, K, 0.05, 0.2)	1.01 (1.01 - 1.01)	1.01 (1.01 - 1.01)	54.71 (54.71 - 54.71)	1.02 (1.01 - 1.02)
(Compactiv, K, 0.05, 0.5)	1.02 (1.02 - 1.03)	1.03 (1.02 - 1.03)	54.71 (54.71 - 54.71)	1.08 (1.05 - 1.09)
(Compactiv, K, 0.1, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	54.71 (54.71 - 54.71)	1.01 (1.00 - 1.01)
(Compactiv, K, 0.1, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	54.71 (54.71 - 54.71)	1.01 (1.01 - 1.02)
(Compactiv, K, 0.1, 0.2)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	54.71 (54.71 - 54.71)	1.04 (1.03 - 1.04)
(Compactiv, K, 0.1, 0.5)	1.02 (1.02 - 1.03)	1.02 (1.02 - 1.03)	54.71 (54.71 - 54.71)	1.21 (1.12 - 1.27)
(Compactiv, K, 0.25, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	54.99 (54.99 - 54.99)	1.01 (1.01 - 1.02)
(Compactiv, K, 0.25, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	54.99 (54.99 - 54.99)	1.03 (1.02 - 1.04)
(Compactiv, K, 0.25, 0.2)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.02)	54.99 (54.99 - 54.99)	1.11 (1.06 - 1.14)
(Compactiv, K, 0.25, 0.5)	1.02 (1.02 - 1.03)	1.02 (1.02 - 1.03)	54.99 (54.99 - 54.99)	1.28 (1.23 - 1.35)
(Compactiv, K, 0.5, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	55.00 (55.00 - 55.00)	1.03 (1.02 - 1.03)
(Compactiv, K, 0.5, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	55.00 (55.00 - 55.00)	1.10 (1.05 - 1.13)
(Compactiv, K, 0.5, 0.2)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	55.00 (55.00 - 55.00)	1.25 (1.19 - 1.30)
(Compactiv, K, 0.5, 0.5)	1.03 (1.02 - 1.03)	1.03 (1.02 - 1.03)	55.00 (55.00 - 55.00)	1.25 (1.19 - 1.31)
(Compactiv, K, 0.75, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	55.00 (55.00 - 55.00)	1.05 (1.03 - 1.05)
(Compactiv, K, 0.75, 0.1)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	55.00 (55.00 - 55.00)	1.17 (1.08 - 1.24)
(Compactiv, K, 0.75, 0.2)	1.01 (1.01 - 1.01)	1.01 (1.01 - 1.01)	55.00 (55.00 - 55.00)	1.26 (1.20 - 1.33)
(Compactiv, K, 0.75, 0.5)	1.02 (1.02 - 1.03)	1.02 (1.02 - 1.03)	55.00 (55.00 - 55.00)	1.24 (1.17 - 1.30)
(Compactiv, R, 0.05, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.16 (1.12 - 1.16)	1.01 (0.97 - 1.03)
(Compactiv, R, 0.05, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.16 (1.12 - 1.16)	1.03 (1.00 - 1.04)
(Compactiv, R, 0.05, 0.2)	1.02 (1.01 - 1.03)	1.02 (1.01 - 1.02)	1.16 (1.12 - 1.15)	1.04 (1.00 - 1.06)
(Compactiv, R, 0.05, 0.5)	1.07 (1.04 - 1.07)	1.06 (1.04 - 1.05)	1.16 (1.13 - 1.16)	1.11 (1.04 - 1.11)
(Compactiv, R, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.19 (1.16 - 1.19)	1.02 (0.99 - 1.03)
(Compactiv, R, 0.1, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.18 (1.15 - 1.19)	1.02 (0.96 - 1.05)
(Compactiv, R, 0.1, 0.2)	1.02 (1.01 - 1.03)	1.02 (1.01 - 1.02)	1.19 (1.16 - 1.20)	1.05 (0.98 - 1.12)
(Compactiv, R, 0.1, 0.5)	1.07 (1.04 - 1.06)	1.05 (1.03 - 1.05)	1.19 (1.16 - 1.19)	1.16 (1.06 - 1.16)
(Compactiv, R, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.00 (0.99 - 1.01)	1.20 (1.17 - 1.21)	1.03 (0.99 - 1.03)
(Compactiv, R, 0.25, 0.1)	1.01 (1.01 - 1.02)	1.00 (0.99 - 1.01)	1.20 (1.17 - 1.22)	1.06 (1.01 - 1.10)
(Compactiv, R, 0.25, 0.2)	1.03 (1.02 - 1.04)	1.02 (1.00 - 1.02)	1.20 (1.17 - 1.20)	1.12 (1.03 - 1.10)
(Compactiv, R, 0.25, 0.5)	1.07 (1.05 - 1.07)	1.06 (1.04 - 1.06)	1.19 (1.17 - 1.20)	1.33 (1.11 - 1.28)
(Compactiv, R, 0.5, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.51 (1.49 - 1.55)	1.04 (1.00 - 1.05)
(Compactiv, R, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.53 (1.50 - 1.54)	1.08 (1.03 - 1.10)
(Compactiv, R, 0.5, 0.2)	1.04 (1.02 - 1.04)	1.02 (1.02 - 1.03)	1.53 (1.49 - 1.56)	1.26 (1.06 - 1.17)
(Compactiv, R, 0.5, 0.5)	1.08 (1.06 - 1.09)	1.08 (1.07 - 1.09)	1.52 (1.49 - 1.54)	1.71 (1.13 - 1.33)
(Compactiv, R, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	2.71 (2.68 - 2.79)	1.05 (0.98 - 1.06)
(Compactiv, R, 0.75, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	2.73 (2.69 - 2.81)	1.21 (1.05 - 1.20)
(Compactiv, R, 0.75, 0.2)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.04)	2.74 (2.70 - 2.81)	1.29 (1.10 - 1.24)
(Compactiv, R, 0.75, 0.5)	1.10 (1.08 - 1.11)	1.10 (1.09 - 1.11)	2.72 (2.67 - 2.80)	1.54 (1.13 - 1.37)
(Mortgage, A, 0.05, 0.05)	1.04 (1.00 - 1.07)	0.99 (0.96 - 1.03)	1.09 (1.06 - 1.13)	1.00 (0.96 - 1.04)

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	Naïve	Neighbors	No Columns	No Rows
(Mortgage, A, 0.05, 0.1)	1.04 (1.00 - 1.07)	1.00 (0.96 - 1.04)	1.09 (1.05 - 1.13)	0.99 (0.95 - 1.03)
(Mortgage, A, 0.05, 0.2)	1.06 (1.02 - 1.10)	1.00 (0.97 - 1.04)	1.09 (1.05 - 1.13)	1.00 (0.95 - 1.04)
(Mortgage, A, 0.05, 0.5)	1.08 (1.04 - 1.12)	1.02 (0.98 - 1.07)	1.10 (1.06 - 1.12)	1.01 (0.96 - 1.05)
(Mortgage, A, 0.1, 0.05)	1.06 (1.03 - 1.09)	1.02 (0.98 - 1.06)	1.16 (1.12 - 1.19)	1.00 (0.96 - 1.03)
(Mortgage, A, 0.1, 0.1)	1.09 (1.05 - 1.12)	1.01 (0.96 - 1.04)	1.15 (1.11 - 1.20)	0.99 (0.95 - 1.03)
(Mortgage, A, 0.1, 0.2)	1.11 (1.07 - 1.15)	1.00 (0.96 - 1.05)	1.16 (1.12 - 1.19)	1.01 (0.96 - 1.05)
(Mortgage, A, 0.1, 0.5)	1.13 (1.10 - 1.16)	1.12 (1.08 - 1.16)	1.14 (1.10 - 1.17)	1.03 (0.97 - 1.09)
(Mortgage, A, 0.25, 0.05)	1.07 (1.03 - 1.10)	1.01 (0.97 - 1.04)	1.15 (1.11 - 1.18)	1.01 (0.96 - 1.04)
(Mortgage, A, 0.25, 0.1)	1.09 (1.05 - 1.13)	1.00 (0.96 - 1.03)	1.15 (1.13 - 1.18)	1.00 (0.95 - 1.05)
(Mortgage, A, 0.25, 0.2)	1.11 (1.07 - 1.14)	1.01 (0.97 - 1.04)	1.16 (1.12 - 1.19)	1.02 (0.97 - 1.07)
(Mortgage, A, 0.25, 0.5)	1.14 (1.10 - 1.17)	1.14 (1.11 - 1.18)	1.16 (1.13 - 1.19)	1.17 (1.09 - 1.25)
(Mortgage, A, 0.5, 0.05)	1.08 (1.04 - 1.11)	1.00 (0.96 - 1.04)	1.19 (1.14 - 1.24)	0.99 (0.95 - 1.02)
(Mortgage, A, 0.5, 0.1)	1.11 (1.07 - 1.15)	1.02 (0.98 - 1.06)	1.19 (1.14 - 1.23)	1.02 (0.97 - 1.07)
(Mortgage, A, 0.5, 0.2)	1.15 (1.11 - 1.19)	1.11 (1.07 - 1.15)	1.21 (1.17 - 1.25)	1.07 (1.00 - 1.12)
(Mortgage, A, 0.5, 0.5)	1.17 (1.13 - 1.22)	1.16 (1.12 - 1.21)	1.19 (1.15 - 1.23)	1.22 (1.11 - 1.31)
(Mortgage, A, 0.75, 0.05)	1.08 (1.04 - 1.13)	1.00 (0.97 - 1.04)	1.20 (1.16 - 1.24)	1.01 (0.96 - 1.06)
(Mortgage, A, 0.75, 0.1)	1.12 (1.07 - 1.17)	1.00 (0.96 - 1.03)	1.20 (1.16 - 1.25)	1.04 (0.96 - 1.11)
(Mortgage, A, 0.75, 0.2)	1.13 (1.09 - 1.17)	0.98 (0.94 - 1.03)	1.19 (1.15 - 1.24)	1.11 (1.04 - 1.19)
(Mortgage, A, 0.75, 0.5)	1.18 (1.14 - 1.21)	1.01 (0.95 - 1.05)	1.19 (1.15 - 1.23)	1.26 (1.14 - 1.40)
(Mortgage, D, 0.05, 0.05)	1.04 (1.02 - 1.06)	1.02 (1.00 - 1.04)	1.05 (1.04 - 1.07)	1.01 (0.98 - 1.04)
(Mortgage, D, 0.05, 0.1)	1.05 (1.03 - 1.07)	1.03 (1.00 - 1.06)	1.05 (1.04 - 1.07)	1.04 (1.01 - 1.06)
(Mortgage, D, 0.05, 0.2)	1.05 (1.03 - 1.08)	1.07 (1.03 - 1.11)	1.05 (1.04 - 1.07)	1.07 (1.02 - 1.10)
(Mortgage, D, 0.05, 0.5)	1.07 (1.05 - 1.09)	1.09 (1.06 - 1.12)	1.05 (1.04 - 1.07)	1.25 (1.19 - 1.30)
(Mortgage, D, 0.1, 0.05)	1.05 (1.02 - 1.07)	1.02 (0.99 - 1.05)	1.05 (1.02 - 1.07)	1.03 (1.01 - 1.06)
(Mortgage, D, 0.1, 0.1)	1.05 (1.02 - 1.08)	1.04 (1.01 - 1.07)	1.04 (1.02 - 1.05)	1.06 (1.03 - 1.10)
(Mortgage, D, 0.1, 0.2)	1.07 (1.04 - 1.09)	1.07 (1.04 - 1.10)	1.05 (1.03 - 1.06)	1.14 (1.10 - 1.17)
(Mortgage, D, 0.1, 0.5)	1.10 (1.07 - 1.12)	1.11 (1.07 - 1.15)	1.04 (1.03 - 1.06)	1.55 (1.46 - 1.61)
(Mortgage, D, 0.25, 0.05)	1.04 (1.02 - 1.06)	1.02 (0.99 - 1.04)	0.99 (0.97 - 1.01)	1.06 (1.04 - 1.09)
(Mortgage, D, 0.25, 0.1)	1.05 (1.02 - 1.07)	1.04 (1.01 - 1.07)	0.99 (0.97 - 1.01)	1.13 (1.09 - 1.16)
(Mortgage, D, 0.25, 0.2)	1.06 (1.03 - 1.09)	1.07 (1.03 - 1.09)	0.99 (0.97 - 1.01)	1.31 (1.25 - 1.37)
(Mortgage, D, 0.25, 0.5)	1.06 (1.02 - 1.10)	1.06 (1.02 - 1.10)	0.99 (0.97 - 1.01)	2.06 (1.90 - 2.17)
(Mortgage, D, 0.5, 0.05)	1.03 (1.00 - 1.06)	1.02 (0.99 - 1.04)	0.97 (0.95 - 0.98)	1.12 (1.09 - 1.17)
(Mortgage, D, 0.5, 0.1)	1.05 (1.02 - 1.08)	1.06 (1.03 - 1.10)	0.96 (0.95 - 0.98)	1.28 (1.23 - 1.33)
(Mortgage, D, 0.5, 0.2)	1.06 (1.03 - 1.09)	1.04 (1.00 - 1.07)	0.96 (0.94 - 0.98)	1.70 (1.60 - 1.80)
(Mortgage, D, 0.5, 0.5)	1.08 (1.04 - 1.12)	1.07 (1.05 - 1.10)	0.96 (0.94 - 0.98)	2.45 (2.24 - 2.62)
(Mortgage, D, 0.75, 0.05)	1.12 (1.08 - 1.15)	1.05 (1.02 - 1.09)	1.85 (1.82 - 1.88)	1.19 (1.15 - 1.24)
(Mortgage, D, 0.75, 0.1)	1.16 (1.11 - 1.20)	1.11 (1.07 - 1.14)	1.85 (1.82 - 1.87)	1.46 (1.40 - 1.51)
(Mortgage, D, 0.75, 0.2)	1.24 (1.21 - 1.28)	1.27 (1.22 - 1.32)	1.85 (1.83 - 1.88)	2.01 (1.84 - 2.10)
(Mortgage, D, 0.75, 0.5)	1.53 (1.49 - 1.57)	1.54 (1.50 - 1.58)	1.84 (1.82 - 1.87)	2.50 (2.31 - 2.65)
(Mortgage, K, 0.05, 0.05)	1.01 (1.00 - 1.02)	1.00 (1.00 - 1.01)	1.04 (1.04 - 1.04)	1.02 (1.01 - 1.03)
(Mortgage, K, 0.05, 0.1)	1.04 (1.02 - 1.05)	1.00 (1.00 - 1.01)	1.04 (1.04 - 1.04)	1.05 (1.03 - 1.06)
(Mortgage, K, 0.05, 0.2)	1.08 (1.06 - 1.10)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	1.10 (1.08 - 1.12)
(Mortgage, K, 0.05, 0.5)	1.33 (1.28 - 1.37)	1.05 (1.03 - 1.07)	1.04 (1.04 - 1.04)	1.45 (1.39 - 1.50)
(Mortgage, K, 0.1, 0.05)	1.04 (1.03 - 1.05)	1.00 (1.00 - 1.01)	1.07 (1.07 - 1.07)	1.05 (1.03 - 1.06)
(Mortgage, K, 0.1, 0.1)	1.08 (1.06 - 1.10)	1.01 (1.00 - 1.01)	1.07 (1.07 - 1.07)	1.10 (1.07 - 1.11)
(Mortgage, K, 0.1, 0.2)	1.19 (1.16 - 1.22)	1.02 (1.01 - 1.03)	1.07 (1.07 - 1.07)	1.24 (1.21 - 1.27)
(Mortgage, K, 0.1, 0.5)	1.65 (1.58 - 1.72)	1.21 (1.16 - 1.26)	1.07 (1.07 - 1.07)	1.94 (1.85 - 2.04)
(Mortgage, K, 0.25, 0.05)	1.08 (1.06 - 1.09)	1.00 (1.00 - 1.01)	1.14 (1.14 - 1.14)	1.10 (1.08 - 1.12)
(Mortgage, K, 0.25, 0.1)	1.17 (1.14 - 1.20)	1.01 (1.00 - 1.02)	1.14 (1.14 - 1.14)	1.24 (1.21 - 1.27)
(Mortgage, K, 0.25, 0.2)	1.40 (1.37 - 1.43)	1.06 (1.04 - 1.08)	1.14 (1.14 - 1.14)	1.55 (1.50 - 1.61)
(Mortgage, K, 0.25, 0.5)	2.11 (2.02 - 2.20)	1.46 (1.41 - 1.51)	1.14 (1.14 - 1.14)	2.94 (2.73 - 3.12)
(Mortgage, K, 0.5, 0.05)	1.11 (1.08 - 1.13)	1.01 (1.00 - 1.02)	1.17 (1.17 - 1.17)	1.23 (1.20 - 1.27)
(Mortgage, K, 0.5, 0.1)	1.25 (1.21 - 1.28)	1.02 (1.01 - 1.03)	1.17 (1.17 - 1.17)	1.55 (1.49 - 1.62)
(Mortgage, K, 0.5, 0.2)	1.56 (1.49 - 1.61)	1.15 (1.11 - 1.17)	1.17 (1.17 - 1.17)	2.31 (2.23 - 2.40)
(Mortgage, K, 0.5, 0.5)	2.40 (2.28 - 2.50)	1.70 (1.64 - 1.76)	1.17 (1.17 - 1.17)	3.68 (3.41 - 3.87)
(Mortgage, K, 0.75, 0.05)	1.14 (1.11 - 1.16)	1.01 (1.00 - 1.02)	1.22 (1.22 - 1.22)	1.40 (1.35 - 1.45)
(Mortgage, K, 0.75, 0.1)	1.29 (1.24 - 1.31)	1.05 (1.03 - 1.06)	1.22 (1.22 - 1.22)	1.93 (1.83 - 2.01)
(Mortgage, K, 0.75, 0.2)	1.66 (1.57 - 1.74)	1.25 (1.20 - 1.28)	1.22 (1.22 - 1.22)	2.98 (2.81 - 3.13)
(Mortgage, K, 0.75, 0.5)	2.51 (2.36 - 2.64)	1.78 (1.70 - 1.86)	1.22 (1.22 - 1.22)	3.75 (3.47 - 3.91)
(Mortgage, R, 0.05, 0.05)	1.04 (1.02 - 1.06)	1.01 (0.99 - 1.03)	1.10 (1.07 - 1.13)	1.02 (0.98 - 1.06)
(Mortgage, R, 0.05, 0.1)	1.05 (1.02 - 1.08)	1.02 (0.99 - 1.04)	1.10 (1.07 - 1.12)	1.04 (1.00 - 1.07)
(Mortgage, R, 0.05, 0.2)	1.07 (1.05 - 1.09)	1.03 (1.01 - 1.05)	1.10 (1.07 - 1.12)	1.10 (1.05 - 1.14)
(Mortgage, R, 0.05, 0.5)	1.10 (1.07 - 1.11)	1.10 (1.07 - 1.12)	1.11 (1.09 - 1.13)	1.31 (1.24 - 1.37)
(Mortgage, R, 0.1, 0.05)	1.06 (1.03 - 1.09)	1.02 (1.00 - 1.04)	1.16 (1.13 - 1.19)	1.04 (1.01 - 1.07)
(Mortgage, R, 0.1, 0.1)	1.08 (1.05 - 1.11)	1.03 (1.00 - 1.05)	1.16 (1.13 - 1.19)	1.09 (1.05 - 1.14)
(Mortgage, R, 0.1, 0.2)	1.11 (1.08 - 1.14)	1.08 (1.05 - 1.10)	1.16 (1.13 - 1.19)	1.19 (1.15 - 1.23)
(Mortgage, R, 0.1, 0.5)	1.16 (1.12 - 1.20)	1.17 (1.13 - 1.21)	1.17 (1.13 - 1.21)	1.67 (1.57 - 1.76)
(Mortgage, R, 0.25, 0.05)	1.07 (1.04 - 1.10)	1.02 (0.99 - 1.04)	1.16 (1.12 - 1.19)	1.08 (1.04 - 1.11)
(Mortgage, R, 0.25, 0.1)	1.10 (1.07 - 1.13)	1.03 (1.01 - 1.06)	1.16 (1.12 - 1.19)	1.17 (1.12 - 1.21)
(Mortgage, R, 0.25, 0.2)	1.13 (1.10 - 1.15)	1.10 (1.05 - 1.13)	1.15 (1.12 - 1.19)	1.39 (1.33 - 1.45)
(Mortgage, R, 0.25, 0.5)	1.18 (1.16 - 1.21)	1.19 (1.15 - 1.22)	1.16 (1.13 - 1.19)	2.19 (2.04 - 2.28)
(Mortgage, R, 0.5, 0.05)	1.07 (1.04 - 1.10)	1.04 (1.01 - 1.06)	1.19 (1.15 - 1.23)	1.17 (1.11 - 1.22)
(Mortgage, R, 0.5, 0.1)	1.11 (1.08 - 1.14)	1.08 (1.05 - 1.11)	1.19 (1.15 - 1.22)	1.36 (1.29 - 1.42)
(Mortgage, R, 0.5, 0.2)	1.15 (1.12 - 1.18)	1.14 (1.11 - 1.17)	1.18 (1.15 - 1.21)	1.79 (1.68 - 1.90)
(Mortgage, R, 0.5, 0.5)	1.21 (1.17 - 1.25)	1.23 (1.19 - 1.28)	1.19 (1.15 - 1.22)	2.60 (2.38 - 2.79)
(Mortgage, R, 0.75, 0.05)	1.14 (1.10 - 1.17)	1.04 (1.02 - 1.07)	2.08 (2.03 - 2.13)	1.23 (1.16 - 1.28)

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	Naïve	Neighbors	No Columns	No Rows
(Mortgage, R, 0.75, 0.1)	1.22 (1.18 - 1.25)	1.14 (1.10 - 1.17)	2.09 (2.03 - 2.14)	1.52 (1.43 - 1.61)
(Mortgage, R, 0.75, 0.2)	1.33 (1.29 - 1.37)	1.34 (1.30 - 1.38)	2.09 (2.04 - 2.13)	2.10 (1.96 - 2.23)
(Mortgage, R, 0.75, 0.5)	1.57 (1.52 - 1.62)	1.67 (1.62 - 1.73)	2.09 (2.05 - 2.15)	2.60 (2.37 - 2.79)
(Wankara, A, 0.05, 0.05)	1.08 (1.03 - 1.14)	1.03 (0.99 - 1.07)	2.07 (2.01 - 2.12)	1.01 (0.97 - 1.04)
(Wankara, A, 0.05, 0.1)	1.22 (1.15 - 1.32)	1.06 (1.01 - 1.12)	2.07 (2.01 - 2.12)	1.02 (0.99 - 1.05)
(Wankara, A, 0.05, 0.2)	1.42 (1.33 - 1.50)	1.10 (1.04 - 1.16)	2.06 (2.01 - 2.11)	1.03 (0.99 - 1.06)
(Wankara, A, 0.05, 0.5)	1.71 (1.64 - 1.80)	1.34 (1.27 - 1.41)	2.07 (2.02 - 2.12)	1.10 (1.03 - 1.18)
(Wankara, A, 0.1, 0.05)	1.05 (1.00 - 1.10)	1.01 (0.96 - 1.05)	2.05 (2.00 - 2.11)	1.00 (0.96 - 1.03)
(Wankara, A, 0.1, 0.1)	1.21 (1.14 - 1.28)	1.07 (1.02 - 1.11)	2.07 (2.01 - 2.11)	1.02 (0.97 - 1.05)
(Wankara, A, 0.1, 0.2)	1.43 (1.33 - 1.50)	1.12 (1.05 - 1.17)	2.07 (2.02 - 2.12)	1.03 (0.98 - 1.07)
(Wankara, A, 0.1, 0.5)	1.72 (1.66 - 1.79)	1.35 (1.26 - 1.43)	2.07 (2.03 - 2.11)	1.10 (1.05 - 1.16)
(Wankara, A, 0.25, 0.05)	1.03 (0.97 - 1.08)	1.03 (0.97 - 1.08)	3.55 (3.44 - 3.64)	1.00 (0.97 - 1.05)
(Wankara, A, 0.25, 0.1)	1.11 (1.04 - 1.18)	1.10 (1.03 - 1.16)	3.53 (3.42 - 3.64)	1.03 (0.99 - 1.07)
(Wankara, A, 0.25, 0.2)	1.24 (1.15 - 1.33)	1.25 (1.16 - 1.33)	3.53 (3.42 - 3.62)	1.07 (1.01 - 1.11)
(Wankara, A, 0.25, 0.5)	1.56 (1.45 - 1.66)	1.53 (1.42 - 1.65)	3.56 (3.47 - 3.64)	1.29 (1.16 - 1.40)
(Wankara, A, 0.5, 0.05)	1.03 (0.96 - 1.09)	1.04 (0.99 - 1.10)	3.94 (3.81 - 4.06)	1.01 (0.96 - 1.06)
(Wankara, A, 0.5, 0.1)	1.13 (1.06 - 1.19)	1.13 (1.05 - 1.21)	3.96 (3.85 - 4.08)	1.06 (1.01 - 1.11)
(Wankara, A, 0.5, 0.2)	1.26 (1.17 - 1.32)	1.28 (1.19 - 1.36)	3.93 (3.79 - 4.08)	1.17 (1.09 - 1.25)
(Wankara, A, 0.5, 0.5)	1.61 (1.54 - 1.69)	1.60 (1.48 - 1.70)	3.95 (3.82 - 4.08)	1.70 (1.48 - 1.81)
(Wankara, A, 0.75, 0.05)	1.04 (0.98 - 1.10)	1.06 (1.00 - 1.12)	7.17 (7.03 - 7.34)	1.02 (0.98 - 1.06)
(Wankara, A, 0.75, 0.1)	1.15 (1.08 - 1.20)	1.14 (1.06 - 1.20)	7.19 (6.98 - 7.39)	1.09 (1.02 - 1.16)
(Wankara, A, 0.75, 0.2)	1.29 (1.21 - 1.37)	1.28 (1.19 - 1.38)	7.18 (6.98 - 7.36)	1.25 (1.14 - 1.34)
(Wankara, A, 0.75, 0.5)	1.65 (1.51 - 1.77)	1.62 (1.49 - 1.74)	7.17 (7.00 - 7.37)	1.92 (1.70 - 2.16)
(Wankara, D, 0.05, 0.05)	1.01 (0.95 - 1.06)	1.00 (0.95 - 1.04)	1.86 (1.82 - 1.91)	0.94 (0.89 - 0.97)
(Wankara, D, 0.05, 0.1)	1.08 (1.01 - 1.14)	1.03 (0.96 - 1.09)	1.87 (1.82 - 1.91)	0.95 (0.89 - 0.99)
(Wankara, D, 0.05, 0.2)	1.16 (1.11 - 1.24)	1.13 (1.06 - 1.20)	1.85 (1.80 - 1.91)	0.96 (0.91 - 1.01)
(Wankara, D, 0.05, 0.5)	1.42 (1.33 - 1.48)	1.32 (1.25 - 1.39)	1.86 (1.83 - 1.90)	1.11 (1.06 - 1.17)
(Wankara, D, 0.1, 0.05)	1.02 (0.97 - 1.07)	1.01 (0.95 - 1.06)	1.86 (1.80 - 1.91)	0.96 (0.91 - 1.00)
(Wankara, D, 0.1, 0.1)	1.07 (1.00 - 1.12)	1.05 (0.99 - 1.11)	1.86 (1.81 - 1.90)	0.94 (0.90 - 0.98)
(Wankara, D, 0.1, 0.2)	1.18 (1.11 - 1.25)	1.10 (1.04 - 1.16)	1.86 (1.81 - 1.90)	0.98 (0.92 - 1.03)
(Wankara, D, 0.1, 0.5)	1.44 (1.35 - 1.52)	1.32 (1.23 - 1.40)	1.86 (1.82 - 1.91)	1.10 (1.03 - 1.16)
(Wankara, D, 0.25, 0.05)	1.02 (0.97 - 1.07)	1.02 (0.97 - 1.07)	3.00 (2.91 - 3.06)	0.96 (0.91 - 1.00)
(Wankara, D, 0.25, 0.1)	1.06 (1.01 - 1.11)	1.06 (1.00 - 1.11)	2.99 (2.92 - 3.06)	0.98 (0.92 - 1.02)
(Wankara, D, 0.25, 0.2)	1.20 (1.12 - 1.27)	1.17 (1.09 - 1.24)	3.00 (2.90 - 3.09)	1.06 (1.00 - 1.12)
(Wankara, D, 0.25, 0.5)	1.48 (1.37 - 1.57)	1.51 (1.42 - 1.59)	3.00 (2.93 - 3.06)	1.45 (1.32 - 1.52)
(Wankara, D, 0.5, 0.05)	1.02 (0.97 - 1.07)	1.02 (0.97 - 1.07)	2.88 (2.81 - 2.94)	0.97 (0.90 - 1.01)
(Wankara, D, 0.5, 0.1)	1.07 (1.00 - 1.13)	1.08 (1.01 - 1.14)	2.87 (2.79 - 2.96)	1.03 (0.98 - 1.08)
(Wankara, D, 0.5, 0.2)	1.19 (1.11 - 1.28)	1.18 (1.10 - 1.24)	2.86 (2.79 - 2.93)	1.18 (1.09 - 1.24)
(Wankara, D, 0.5, 0.5)	1.49 (1.40 - 1.58)	1.50 (1.41 - 1.59)	2.87 (2.78 - 2.93)	1.84 (1.61 - 2.05)
(Wankara, D, 0.75, 0.05)	1.01 (0.95 - 1.06)	1.01 (0.97 - 1.06)	6.09 (5.95 - 6.23)	0.99 (0.93 - 1.04)
(Wankara, D, 0.75, 0.1)	1.08 (1.01 - 1.14)	1.07 (1.00 - 1.14)	6.06 (5.94 - 6.19)	1.07 (1.00 - 1.13)
(Wankara, D, 0.75, 0.2)	1.19 (1.12 - 1.26)	1.19 (1.12 - 1.26)	6.09 (5.98 - 6.20)	1.32 (1.23 - 1.39)
(Wankara, D, 0.75, 0.5)	1.53 (1.41 - 1.65)	1.51 (1.39 - 1.61)	6.04 (5.93 - 6.16)	2.01 (1.71 - 2.22)
(Wankara, K, 0.05, 0.05)	1.06 (1.04 - 1.09)	1.03 (1.01 - 1.05)	2.62 (2.62 - 2.62)	1.02 (1.00 - 1.03)
(Wankara, K, 0.05, 0.1)	1.11 (1.08 - 1.14)	1.06 (1.03 - 1.08)	2.62 (2.62 - 2.62)	1.02 (1.01 - 1.04)
(Wankara, K, 0.05, 0.2)	1.20 (1.17 - 1.23)	1.10 (1.07 - 1.14)	2.62 (2.62 - 2.62)	1.04 (1.01 - 1.07)
(Wankara, K, 0.05, 0.5)	1.39 (1.34 - 1.43)	1.30 (1.24 - 1.35)	2.62 (2.62 - 2.62)	1.12 (1.07 - 1.16)
(Wankara, K, 0.1, 0.05)	1.06 (1.04 - 1.08)	1.03 (1.01 - 1.05)	2.62 (2.62 - 2.62)	1.02 (1.00 - 1.03)
(Wankara, K, 0.1, 0.1)	1.13 (1.10 - 1.15)	1.06 (1.03 - 1.09)	2.62 (2.62 - 2.62)	1.04 (1.01 - 1.07)
(Wankara, K, 0.1, 0.2)	1.20 (1.16 - 1.23)	1.10 (1.06 - 1.14)	2.62 (2.62 - 2.62)	1.04 (1.01 - 1.06)
(Wankara, K, 0.1, 0.5)	1.38 (1.33 - 1.45)	1.29 (1.23 - 1.33)	2.62 (2.62 - 2.62)	1.12 (1.07 - 1.17)
(Wankara, K, 0.25, 0.05)	1.07 (1.04 - 1.10)	1.06 (1.03 - 1.08)	8.76 (8.76 - 8.76)	1.02 (1.00 - 1.05)
(Wankara, K, 0.25, 0.1)	1.16 (1.12 - 1.20)	1.12 (1.08 - 1.16)	8.76 (8.76 - 8.76)	1.06 (1.02 - 1.09)
(Wankara, K, 0.25, 0.2)	1.29 (1.23 - 1.33)	1.25 (1.20 - 1.30)	8.76 (8.76 - 8.76)	1.10 (1.07 - 1.14)
(Wankara, K, 0.25, 0.5)	1.60 (1.53 - 1.66)	1.60 (1.51 - 1.69)	8.76 (8.76 - 8.76)	1.35 (1.25 - 1.43)
(Wankara, K, 0.5, 0.05)	1.08 (1.05 - 1.11)	1.07 (1.05 - 1.11)	10.66 (10.66 - 10.66)	1.05 (1.02 - 1.07)
(Wankara, K, 0.5, 0.1)	1.16 (1.11 - 1.20)	1.14 (1.09 - 1.17)	10.66 (10.66 - 10.66)	1.10 (1.04 - 1.14)
(Wankara, K, 0.5, 0.2)	1.30 (1.24 - 1.34)	1.27 (1.20 - 1.31)	10.66 (10.66 - 10.66)	1.21 (1.15 - 1.25)
(Wankara, K, 0.5, 0.5)	1.61 (1.53 - 1.67)	1.62 (1.53 - 1.70)	10.66 (10.66 - 10.66)	1.68 (1.51 - 1.81)
(Wankara, K, 0.75, 0.05)	1.08 (1.06 - 1.11)	1.07 (1.05 - 1.10)	10.74 (10.74 - 10.74)	1.07 (1.03 - 1.11)
(Wankara, K, 0.75, 0.1)	1.16 (1.12 - 1.20)	1.14 (1.10 - 1.19)	10.74 (10.74 - 10.74)	1.13 (1.08 - 1.20)
(Wankara, K, 0.75, 0.2)	1.27 (1.22 - 1.31)	1.24 (1.20 - 1.28)	10.74 (10.74 - 10.74)	1.30 (1.22 - 1.37)
(Wankara, K, 0.75, 0.5)	1.63 (1.54 - 1.70)	1.62 (1.55 - 1.69)	10.74 (10.74 - 10.74)	2.07 (1.80 - 2.32)
(Wankara, R, 0.05, 0.05)	0.99 (0.96 - 1.03)	1.03 (1.00 - 1.05)	2.27 (2.19 - 2.34)	1.01 (0.97 - 1.05)
(Wankara, R, 0.05, 0.1)	1.04 (0.98 - 1.09)	1.07 (1.03 - 1.10)	2.29 (2.21 - 2.38)	1.03 (0.99 - 1.07)
(Wankara, R, 0.05, 0.2)	1.20 (1.11 - 1.29)	1.14 (1.08 - 1.19)	2.30 (2.19 - 2.40)	1.05 (0.98 - 1.11)
(Wankara, R, 0.05, 0.5)	1.59 (1.49 - 1.69)	1.44 (1.34 - 1.54)	2.28 (2.21 - 2.35)	1.21 (1.13 - 1.27)
(Wankara, R, 0.1, 0.05)	1.00 (0.96 - 1.03)	1.03 (1.00 - 1.07)	2.30 (2.19 - 2.39)	1.03 (0.99 - 1.07)
(Wankara, R, 0.1, 0.1)	1.03 (0.99 - 1.08)	1.06 (1.02 - 1.11)	2.29 (2.20 - 2.38)	1.03 (0.98 - 1.08)
(Wankara, R, 0.1, 0.2)	1.17 (1.10 - 1.22)	1.14 (1.09 - 1.20)	2.28 (2.18 - 2.37)	1.05 (0.99 - 1.10)
(Wankara, R, 0.1, 0.5)	1.61 (1.52 - 1.69)	1.40 (1.29 - 1.49)	2.29 (2.20 - 2.38)	1.20 (1.11 - 1.29)
(Wankara, R, 0.25, 0.05)	1.01 (0.97 - 1.05)	1.00 (0.96 - 1.06)	3.88 (3.72 - 4.05)	1.04 (0.98 - 1.09)
(Wankara, R, 0.25, 0.1)	1.06 (1.01 - 1.10)	1.06 (1.01 - 1.10)	3.91 (3.72 - 4.08)	1.10 (1.05 - 1.15)
(Wankara, R, 0.25, 0.2)	1.16 (1.10 - 1.22)	1.18 (1.10 - 1.26)	3.92 (3.78 - 4.07)	1.16 (1.10 - 1.22)
(Wankara, R, 0.25, 0.5)	1.50 (1.38 - 1.58)	1.50 (1.39 - 1.61)	3.94 (3.75 - 4.14)	1.50 (1.37 - 1.63)
(Wankara, R, 0.5, 0.05)	1.01 (0.96 - 1.05)	1.02 (0.98 - 1.06)	3.75 (3.61 - 3.93)	1.06 (1.00 - 1.11)

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	Naïve	Neighbors	No Columns	No Rows
(Wankara, R, 0.5, 0.1)	1.05 (1.00 - 1.09)	1.06 (1.02 - 1.11)	3.74 (3.61 - 3.87)	1.15 (1.07 - 1.22)
(Wankara, R, 0.5, 0.2)	1.17 (1.10 - 1.23)	1.19 (1.12 - 1.25)	3.72 (3.59 - 3.84)	1.30 (1.18 - 1.37)
(Wankara, R, 0.5, 0.5)	1.53 (1.44 - 1.63)	1.53 (1.42 - 1.61)	3.75 (3.59 - 3.89)	2.02 (1.75 - 2.19)
(Wankara, R, 0.75, 0.05)	1.03 (0.98 - 1.06)	1.02 (0.98 - 1.06)	9.50 (9.17 - 9.86)	1.08 (1.02 - 1.13)
(Wankara, R, 0.75, 0.1)	1.06 (1.01 - 1.11)	1.08 (1.01 - 1.13)	9.53 (9.24 - 9.90)	1.21 (1.12 - 1.30)
(Wankara, R, 0.75, 0.2)	1.17 (1.10 - 1.23)	1.20 (1.13 - 1.27)	9.43 (9.18 - 9.74)	1.43 (1.30 - 1.56)
(Wankara, R, 0.75, 0.5)	1.58 (1.47 - 1.67)	1.57 (1.46 - 1.66)	9.54 (9.20 - 9.84)	2.40 (2.02 - 2.69)
(Wine Quality, A, 0.05, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.06 (1.04 - 1.07)	1.00 (0.98 - 1.01)
(Wine Quality, A, 0.05, 0.1)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.06 (1.05 - 1.07)	1.00 (0.99 - 1.01)
(Wine Quality, A, 0.05, 0.2)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.06 (1.04 - 1.07)	1.00 (0.99 - 1.02)
(Wine Quality, A, 0.05, 0.5)	1.01 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.06 (1.04 - 1.07)	1.00 (0.98 - 1.03)
(Wine Quality, A, 0.1, 0.05)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.14 (1.13 - 1.15)	1.00 (0.98 - 1.02)
(Wine Quality, A, 0.1, 0.1)	1.00 (0.99 - 1.02)	1.01 (0.99 - 1.02)	1.14 (1.13 - 1.15)	1.00 (0.99 - 1.02)
(Wine Quality, A, 0.1, 0.2)	1.01 (0.99 - 1.03)	1.00 (0.98 - 1.02)	1.14 (1.13 - 1.15)	1.00 (0.97 - 1.02)
(Wine Quality, A, 0.1, 0.5)	1.03 (1.01 - 1.05)	1.01 (0.99 - 1.03)	1.14 (1.12 - 1.15)	1.00 (0.98 - 1.03)
(Wine Quality, A, 0.25, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.02)	1.15 (1.14 - 1.16)	1.00 (0.99 - 1.02)
(Wine Quality, A, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.02)	1.15 (1.14 - 1.16)	1.00 (0.98 - 1.02)
(Wine Quality, A, 0.25, 0.2)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.03)	1.15 (1.14 - 1.16)	1.00 (0.98 - 1.01)
(Wine Quality, A, 0.25, 0.5)	1.04 (1.02 - 1.06)	1.03 (1.00 - 1.05)	1.15 (1.14 - 1.16)	1.03 (1.00 - 1.05)
(Wine Quality, A, 0.5, 0.05)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.17 (1.16 - 1.19)	1.01 (0.99 - 1.03)
(Wine Quality, A, 0.5, 0.1)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	1.17 (1.15 - 1.18)	1.00 (0.98 - 1.02)
(Wine Quality, A, 0.5, 0.2)	1.02 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.17 (1.16 - 1.18)	1.02 (1.00 - 1.04)
(Wine Quality, A, 0.5, 0.5)	1.03 (1.01 - 1.06)	1.03 (1.01 - 1.04)	1.17 (1.16 - 1.18)	1.07 (1.04 - 1.09)
(Wine Quality, A, 0.75, 0.05)	1.00 (0.98 - 1.01)	1.00 (0.99 - 1.01)	1.14 (1.13 - 1.16)	1.00 (0.98 - 1.03)
(Wine Quality, A, 0.75, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.14 (1.13 - 1.16)	1.01 (0.98 - 1.03)
(Wine Quality, A, 0.75, 0.2)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.02)	1.15 (1.13 - 1.16)	1.04 (1.01 - 1.06)
(Wine Quality, A, 0.75, 0.5)	1.04 (1.02 - 1.05)	1.03 (1.01 - 1.04)	1.14 (1.13 - 1.15)	1.07 (1.05 - 1.09)
(Wine Quality, D, 0.05, 0.05)	0.94 (0.91 - 0.97)	0.94 (0.91 - 0.96)	0.95 (0.93 - 0.96)	0.94 (0.92 - 0.97)
(Wine Quality, D, 0.05, 0.1)	0.94 (0.91 - 0.97)	0.95 (0.91 - 0.98)	0.96 (0.94 - 0.97)	0.94 (0.91 - 0.96)
(Wine Quality, D, 0.05, 0.2)	0.95 (0.92 - 0.98)	0.96 (0.93 - 0.99)	0.95 (0.93 - 0.97)	0.97 (0.93 - 0.99)
(Wine Quality, D, 0.05, 0.5)	0.98 (0.94 - 1.01)	0.99 (0.96 - 1.02)	0.95 (0.94 - 0.97)	1.03 (0.99 - 1.07)
(Wine Quality, D, 0.1, 0.05)	0.94 (0.91 - 0.97)	0.94 (0.92 - 0.97)	0.98 (0.96 - 0.99)	0.95 (0.92 - 0.98)
(Wine Quality, D, 0.1, 0.1)	0.94 (0.90 - 0.98)	0.94 (0.91 - 0.97)	0.97 (0.95 - 0.99)	0.95 (0.92 - 0.98)
(Wine Quality, D, 0.1, 0.2)	0.96 (0.93 - 1.00)	0.98 (0.95 - 1.00)	0.97 (0.95 - 0.99)	0.99 (0.96 - 1.03)
(Wine Quality, D, 0.1, 0.5)	1.01 (0.97 - 1.04)	1.03 (0.99 - 1.07)	0.98 (0.96 - 1.00)	1.08 (1.05 - 1.12)
(Wine Quality, D, 0.25, 0.05)	0.94 (0.91 - 0.97)	0.94 (0.91 - 0.97)	1.15 (1.13 - 1.16)	0.96 (0.92 - 0.99)
(Wine Quality, D, 0.25, 0.1)	0.96 (0.93 - 0.99)	0.96 (0.93 - 0.98)	1.15 (1.13 - 1.16)	0.97 (0.94 - 1.00)
(Wine Quality, D, 0.25, 0.2)	0.98 (0.95 - 1.01)	0.98 (0.95 - 1.01)	1.15 (1.13 - 1.17)	1.02 (0.99 - 1.05)
(Wine Quality, D, 0.25, 0.5)	1.05 (1.01 - 1.09)	1.08 (1.04 - 1.12)	1.15 (1.13 - 1.17)	1.14 (1.10 - 1.20)
(Wine Quality, D, 0.5, 0.05)	0.95 (0.92 - 0.97)	0.94 (0.91 - 0.97)	1.17 (1.15 - 1.19)	0.97 (0.95 - 1.00)
(Wine Quality, D, 0.5, 0.1)	0.98 (0.95 - 1.01)	0.96 (0.92 - 0.99)	1.18 (1.16 - 1.20)	1.02 (0.98 - 1.04)
(Wine Quality, D, 0.5, 0.2)	1.00 (0.96 - 1.05)	0.98 (0.96 - 1.01)	1.17 (1.16 - 1.19)	1.08 (1.03 - 1.12)
(Wine Quality, D, 0.5, 0.5)	1.10 (1.06 - 1.13)	1.10 (1.05 - 1.15)	1.17 (1.16 - 1.18)	1.18 (1.13 - 1.23)
(Wine Quality, D, 0.75, 0.05)	0.95 (0.91 - 0.98)	0.95 (0.92 - 0.98)	1.35 (1.34 - 1.37)	0.99 (0.96 - 1.02)
(Wine Quality, D, 0.75, 0.1)	0.96 (0.93 - 0.99)	0.96 (0.93 - 0.99)	1.35 (1.33 - 1.37)	1.04 (1.00 - 1.08)
(Wine Quality, D, 0.75, 0.2)	1.02 (0.98 - 1.05)	1.02 (0.98 - 1.05)	1.35 (1.34 - 1.37)	1.12 (1.08 - 1.17)
(Wine Quality, D, 0.75, 0.5)	1.14 (1.09 - 1.18)	1.13 (1.10 - 1.16)	1.35 (1.33 - 1.37)	1.17 (1.11 - 1.23)
(Wine Quality, K, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.10 (1.10 - 1.10)	1.01 (1.00 - 1.01)
(Wine Quality, K, 0.05, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.10 (1.10 - 1.10)	1.02 (1.01 - 1.02)
(Wine Quality, K, 0.05, 0.2)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.10 (1.10 - 1.10)	1.03 (1.02 - 1.04)
(Wine Quality, K, 0.05, 0.5)	1.03 (1.03 - 1.04)	1.04 (1.03 - 1.04)	1.10 (1.10 - 1.10)	1.06 (1.05 - 1.07)
(Wine Quality, K, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.07 (1.07 - 1.07)	1.02 (1.01 - 1.02)
(Wine Quality, K, 0.1, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.07 (1.07 - 1.07)	1.03 (1.02 - 1.04)
(Wine Quality, K, 0.1, 0.2)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.07 (1.07 - 1.07)	1.05 (1.04 - 1.06)
(Wine Quality, K, 0.1, 0.5)	1.03 (1.02 - 1.04)	1.04 (1.03 - 1.04)	1.07 (1.07 - 1.07)	1.11 (1.09 - 1.12)
(Wine Quality, K, 0.25, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.08 (1.08 - 1.08)	1.02 (1.02 - 1.03)
(Wine Quality, K, 0.25, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	1.08 (1.08 - 1.08)	1.05 (1.03 - 1.05)
(Wine Quality, K, 0.25, 0.2)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.08 (1.08 - 1.08)	1.07 (1.05 - 1.08)
(Wine Quality, K, 0.25, 0.5)	1.03 (1.02 - 1.04)	1.04 (1.03 - 1.05)	1.08 (1.08 - 1.08)	1.13 (1.11 - 1.15)
(Wine Quality, K, 0.5, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.10 (1.10 - 1.10)	1.04 (1.03 - 1.05)
(Wine Quality, K, 0.5, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	1.10 (1.10 - 1.10)	1.07 (1.06 - 1.08)
(Wine Quality, K, 0.5, 0.2)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.03)	1.10 (1.10 - 1.10)	1.10 (1.08 - 1.11)
(Wine Quality, K, 0.5, 0.5)	1.03 (1.02 - 1.04)	1.04 (1.03 - 1.04)	1.10 (1.10 - 1.10)	1.14 (1.11 - 1.17)
(Wine Quality, K, 0.75, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.11 (1.11 - 1.11)	1.06 (1.04 - 1.07)
(Wine Quality, K, 0.75, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	1.11 (1.11 - 1.11)	1.09 (1.07 - 1.10)
(Wine Quality, K, 0.75, 0.2)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.03)	1.11 (1.11 - 1.11)	1.12 (1.09 - 1.13)
(Wine Quality, K, 0.75, 0.5)	1.03 (1.02 - 1.04)	1.03 (1.03 - 1.04)	1.11 (1.11 - 1.11)	1.14 (1.12 - 1.17)
(Wine Quality, R, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.04 (1.03 - 1.06)	1.01 (0.99 - 1.02)
(Wine Quality, R, 0.05, 0.1)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)	1.04 (1.03 - 1.06)	1.01 (1.00 - 1.03)
(Wine Quality, R, 0.05, 0.2)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.04 (1.02 - 1.05)	1.02 (1.01 - 1.04)
(Wine Quality, R, 0.05, 0.5)	1.02 (1.00 - 1.03)	1.02 (1.01 - 1.04)	1.04 (1.03 - 1.06)	1.08 (1.06 - 1.10)
(Wine Quality, R, 0.1, 0.05)	1.01 (1.00 - 1.02)	1.01 (0.99 - 1.02)	1.12 (1.10 - 1.13)	1.01 (1.00 - 1.03)
(Wine Quality, R, 0.1, 0.1)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.03)	1.11 (1.10 - 1.13)	1.03 (1.01 - 1.05)
(Wine Quality, R, 0.1, 0.2)	1.02 (1.01 - 1.04)	1.03 (1.01 - 1.05)	1.12 (1.10 - 1.13)	1.06 (1.04 - 1.07)
(Wine Quality, R, 0.1, 0.5)	1.05 (1.03 - 1.07)	1.06 (1.04 - 1.08)	1.12 (1.10 - 1.13)	1.13 (1.11 - 1.16)
(Wine Quality, R, 0.25, 0.05)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.20 (1.18 - 1.21)	1.02 (1.00 - 1.04)

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	Naïve	Neighbors	No Columns	No Rows
(Wine Quality, R, 0.25, 0.1)	1.01 (1.00 - 1.03)	1.02 (1.00 - 1.04)	1.20 (1.18 - 1.21)	1.03 (1.02 - 1.05)
(Wine Quality, R, 0.25, 0.2)	1.03 (1.02 - 1.05)	1.03 (1.02 - 1.05)	1.20 (1.17 - 1.22)	1.07 (1.06 - 1.09)
(Wine Quality, R, 0.25, 0.5)	1.08 (1.06 - 1.09)	1.09 (1.07 - 1.11)	1.20 (1.18 - 1.21)	1.16 (1.13 - 1.18)
(Wine Quality, R, 0.5, 0.05)	1.01 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.26 (1.24 - 1.28)	1.04 (1.02 - 1.05)
(Wine Quality, R, 0.5, 0.1)	1.02 (1.01 - 1.04)	1.02 (1.01 - 1.03)	1.26 (1.24 - 1.27)	1.07 (1.05 - 1.09)
(Wine Quality, R, 0.5, 0.2)	1.05 (1.03 - 1.07)	1.04 (1.03 - 1.06)	1.25 (1.24 - 1.27)	1.12 (1.10 - 1.15)
(Wine Quality, R, 0.5, 0.5)	1.10 (1.08 - 1.12)	1.10 (1.07 - 1.12)	1.25 (1.23 - 1.27)	1.20 (1.17 - 1.23)
(Wine Quality, R, 0.75, 0.05)	1.02 (1.00 - 1.03)	1.02 (1.00 - 1.03)	1.48 (1.46 - 1.50)	1.05 (1.03 - 1.07)
(Wine Quality, R, 0.75, 0.1)	1.03 (1.01 - 1.05)	1.03 (1.01 - 1.04)	1.48 (1.46 - 1.50)	1.09 (1.07 - 1.11)
(Wine Quality, R, 0.75, 0.2)	1.05 (1.03 - 1.07)	1.05 (1.03 - 1.07)	1.48 (1.46 - 1.50)	1.15 (1.12 - 1.18)
(Wine Quality, R, 0.75, 0.5)	1.12 (1.10 - 1.15)	1.12 (1.10 - 1.14)	1.48 (1.46 - 1.50)	1.22 (1.18 - 1.25)

Table A.4: Results for the regression databases with random missing

(Abalone, A, 0.05, 0.05)	1.02 (0.99 - 1.06)	1.01 (0.98 - 1.04)	1.09 (1.05 - 1.12)	0.99 (0.96 - 1.03)
(Abalone, A, 0.05, 0.1)	1.04 (1.00 - 1.07)	1.00 (0.97 - 1.03)	1.09 (1.06 - 1.12)	0.99 (0.95 - 1.03)
(Abalone, A, 0.05, 0.2)	1.05 (1.02 - 1.09)	1.01 (0.97 - 1.05)	1.10 (1.06 - 1.14)	0.98 (0.94 - 1.02)
(Abalone, A, 0.05, 0.5)	1.08 (1.05 - 1.13)	1.03 (0.99 - 1.06)	1.09 (1.06 - 1.12)	0.91 (0.85 - 0.97)
(Abalone, A, 0.1, 0.05)	1.03 (0.98 - 1.07)	1.01 (0.97 - 1.04)	1.09 (1.05 - 1.13)	1.00 (0.96 - 1.04)
(Abalone, A, 0.1, 0.1)	1.04 (1.01 - 1.08)	1.03 (0.99 - 1.06)	1.10 (1.07 - 1.13)	1.00 (0.95 - 1.04)
(Abalone, A, 0.1, 0.2)	1.06 (1.01 - 1.11)	1.02 (0.98 - 1.06)	1.10 (1.06 - 1.13)	0.97 (0.92 - 1.01)
(Abalone, A, 0.1, 0.5)	1.08 (1.04 - 1.12)	1.03 (1.00 - 1.06)	1.09 (1.06 - 1.12)	0.92 (0.88 - 0.97)
(Abalone, A, 0.25, 0.05)	1.05 (1.01 - 1.08)	1.02 (0.98 - 1.06)	1.12 (1.05 - 1.18)	0.98 (0.94 - 1.03)
(Abalone, A, 0.25, 0.1)	1.06 (1.02 - 1.10)	1.02 (0.97 - 1.06)	1.10 (1.05 - 1.16)	0.96 (0.91 - 1.01)
(Abalone, A, 0.25, 0.2)	1.07 (1.03 - 1.11)	1.02 (0.98 - 1.07)	1.11 (1.03 - 1.16)	0.91 (0.88 - 0.95)
(Abalone, A, 0.25, 0.5)	1.10 (1.04 - 1.15)	1.09 (1.06 - 1.14)	1.09 (1.03 - 1.15)	0.82 (0.76 - 0.87)
(Abalone, A, 0.5, 0.05)	1.03 (0.99 - 1.07)	1.00 (0.97 - 1.04)	1.10 (1.05 - 1.15)	0.96 (0.91 - 1.01)
(Abalone, A, 0.5, 0.1)	1.04 (1.01 - 1.09)	1.01 (0.98 - 1.05)	1.10 (1.04 - 1.15)	0.92 (0.86 - 0.99)
(Abalone, A, 0.5, 0.2)	1.07 (1.02 - 1.12)	1.05 (1.00 - 1.08)	1.11 (1.04 - 1.18)	0.88 (0.84 - 0.94)
(Abalone, A, 0.5, 0.5)	1.10 (1.05 - 1.16)	1.10 (1.06 - 1.15)	1.12 (1.05 - 1.18)	0.79 (0.74 - 0.82)
(Abalone, A, 0.75, 0.05)	1.03 (0.99 - 1.07)	1.02 (0.98 - 1.05)	1.06 (0.97 - 1.14)	0.94 (0.87 - 1.00)
(Abalone, A, 0.75, 0.1)	1.04 (1.00 - 1.08)	1.04 (1.00 - 1.08)	1.07 (0.97 - 1.15)	0.91 (0.87 - 0.94)
(Abalone, A, 0.75, 0.2)	1.08 (1.03 - 1.13)	1.06 (1.01 - 1.10)	1.05 (0.96 - 1.14)	0.85 (0.80 - 0.89)
(Abalone, A, 0.75, 0.5)	1.07 (0.99 - 1.15)	1.06 (1.00 - 1.12)	1.05 (0.95 - 1.14)	0.76 (0.73 - 0.80)
(Abalone, D, 0.05, 0.05)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.06 (1.05 - 1.07)	0.99 (0.98 - 1.01)
(Abalone, D, 0.05, 0.1)	1.02 (1.00 - 1.04)	1.01 (1.00 - 1.02)	1.07 (1.06 - 1.07)	1.00 (0.98 - 1.02)
(Abalone, D, 0.05, 0.2)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.03)	1.06 (1.05 - 1.07)	1.00 (0.99 - 1.02)
(Abalone, D, 0.05, 0.5)	1.07 (1.05 - 1.09)	1.04 (1.03 - 1.06)	1.07 (1.06 - 1.08)	1.01 (0.99 - 1.03)
(Abalone, D, 0.1, 0.05)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)	1.06 (1.05 - 1.07)	1.00 (0.99 - 1.01)
(Abalone, D, 0.1, 0.1)	1.01 (0.99 - 1.03)	1.00 (0.98 - 1.02)	1.06 (1.05 - 1.07)	0.99 (0.98 - 1.01)
(Abalone, D, 0.1, 0.2)	1.03 (1.00 - 1.04)	1.01 (1.00 - 1.03)	1.06 (1.06 - 1.07)	1.01 (0.99 - 1.03)
(Abalone, D, 0.1, 0.5)	1.07 (1.05 - 1.09)	1.05 (1.03 - 1.06)	1.07 (1.06 - 1.07)	1.01 (0.99 - 1.03)
(Abalone, D, 0.25, 0.05)	1.02 (1.00 - 1.03)	1.01 (0.99 - 1.03)	1.21 (1.20 - 1.23)	1.00 (0.98 - 1.02)
(Abalone, D, 0.25, 0.1)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.03)	1.21 (1.20 - 1.22)	1.01 (0.99 - 1.03)
(Abalone, D, 0.25, 0.2)	1.03 (1.01 - 1.06)	1.03 (1.01 - 1.05)	1.21 (1.20 - 1.22)	1.01 (0.99 - 1.03)
(Abalone, D, 0.25, 0.5)	1.10 (1.08 - 1.13)	1.08 (1.06 - 1.10)	1.21 (1.20 - 1.22)	1.03 (1.00 - 1.06)
(Abalone, D, 0.5, 0.05)	1.02 (1.00 - 1.04)	1.01 (0.99 - 1.02)	1.11 (1.11 - 1.12)	1.00 (0.99 - 1.02)
(Abalone, D, 0.5, 0.1)	1.02 (1.00 - 1.03)	1.01 (0.99 - 1.04)	1.12 (1.11 - 1.12)	1.01 (0.99 - 1.03)
(Abalone, D, 0.5, 0.2)	1.04 (1.02 - 1.06)	1.03 (1.00 - 1.05)	1.11 (1.10 - 1.12)	1.01 (0.99 - 1.03)
(Abalone, D, 0.5, 0.5)	1.12 (1.09 - 1.14)	1.09 (1.07 - 1.11)	1.12 (1.11 - 1.12)	1.04 (1.01 - 1.06)
(Abalone, D, 0.75, 0.05)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.03)	1.06 (1.05 - 1.07)	1.00 (0.99 - 1.02)
(Abalone, D, 0.75, 0.1)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.03)	1.06 (1.06 - 1.07)	1.02 (1.00 - 1.04)
(Abalone, D, 0.75, 0.2)	1.04 (1.02 - 1.06)	1.03 (1.01 - 1.04)	1.06 (1.06 - 1.07)	1.03 (1.00 - 1.05)
(Abalone, D, 0.75, 0.5)	1.12 (1.09 - 1.15)	1.12 (1.10 - 1.15)	1.06 (1.06 - 1.07)	1.04 (1.00 - 1.08)
(Abalone, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Abalone, K, 0.05, 0.1)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Abalone, K, 0.05, 0.2)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.01 (1.00 - 1.01)
(Abalone, K, 0.05, 0.5)	1.02 (1.01 - 1.03)	1.02 (1.01 - 1.03)	1.06 (1.06 - 1.06)	1.02 (1.01 - 1.03)
(Abalone, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.00 (1.00 - 1.00)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.00)
(Abalone, K, 0.1, 0.1)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.00 (1.00 - 1.01)
(Abalone, K, 0.1, 0.2)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.06 (1.06 - 1.06)	1.01 (1.00 - 1.01)
(Abalone, K, 0.1, 0.5)	1.02 (1.01 - 1.03)	1.02 (1.02 - 1.03)	1.06 (1.06 - 1.06)	1.02 (1.02 - 1.03)
(Abalone, K, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.00)	1.08 (1.08 - 1.08)	1.01 (1.00 - 1.01)
(Abalone, K, 0.25, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.08 (1.08 - 1.08)	1.01 (1.01 - 1.02)
(Abalone, K, 0.25, 0.2)	1.02 (1.01 - 1.03)	1.02 (1.01 - 1.02)	1.08 (1.08 - 1.08)	1.02 (1.02 - 1.03)
(Abalone, K, 0.25, 0.5)	1.07 (1.05 - 1.09)	1.05 (1.04 - 1.06)	1.08 (1.08 - 1.08)	1.08 (1.06 - 1.10)
(Abalone, K, 0.5, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.25 (1.25 - 1.25)	1.01 (1.00 - 1.01)
(Abalone, K, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.25 (1.25 - 1.25)	1.02 (1.01 - 1.03)
(Abalone, K, 0.5, 0.2)	1.03 (1.02 - 1.04)	1.02 (1.02 - 1.03)	1.25 (1.25 - 1.25)	1.04 (1.03 - 1.05)
(Abalone, K, 0.5, 0.5)	1.10 (1.08 - 1.12)	1.09 (1.07 - 1.10)	1.25 (1.25 - 1.25)	1.13 (1.10 - 1.15)
(Abalone, K, 0.75, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	2.34 (2.34 - 2.34)	1.02 (1.01 - 1.02)
(Abalone, K, 0.75, 0.1)	1.02 (1.01 - 1.03)	1.02 (1.01 - 1.02)	2.34 (2.34 - 2.34)	1.03 (1.02 - 1.04)
(Abalone, K, 0.75, 0.2)	1.04 (1.02 - 1.06)	1.04 (1.03 - 1.05)	2.34 (2.34 - 2.34)	1.07 (1.05 - 1.09)
(Abalone, K, 0.75, 0.5)	1.11 (1.09 - 1.14)	1.11 (1.09 - 1.13)	2.34 (2.34 - 2.34)	1.14 (1.12 - 1.17)

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	Naïve	Neighbors	No Columns	No Rows
(Abalone, R, 0.05, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.06 (1.05 - 1.07)	1.00 (0.99 - 1.01)
(Abalone, R, 0.05, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.01)	1.07 (1.05 - 1.08)	1.00 (1.00 - 1.01)
(Abalone, R, 0.05, 0.2)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.06 (1.05 - 1.07)	1.00 (0.99 - 1.01)
(Abalone, R, 0.05, 0.5)	1.04 (1.02 - 1.05)	1.03 (1.02 - 1.04)	1.06 (1.05 - 1.07)	1.02 (1.01 - 1.03)
(Abalone, R, 0.1, 0.05)	1.00 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.07 (1.06 - 1.08)	1.00 (0.99 - 1.01)
(Abalone, R, 0.1, 0.1)	1.01 (1.00 - 1.01)	1.00 (1.00 - 1.01)	1.06 (1.06 - 1.07)	1.00 (0.99 - 1.01)
(Abalone, R, 0.1, 0.2)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.03)	1.07 (1.06 - 1.08)	1.01 (1.00 - 1.02)
(Abalone, R, 0.1, 0.5)	1.04 (1.03 - 1.05)	1.03 (1.02 - 1.04)	1.06 (1.06 - 1.07)	1.02 (1.00 - 1.03)
(Abalone, R, 0.25, 0.05)	1.01 (1.00 - 1.02)	1.00 (0.99 - 1.01)	1.23 (1.22 - 1.25)	1.00 (0.99 - 1.02)
(Abalone, R, 0.25, 0.1)	1.02 (1.01 - 1.03)	1.01 (1.00 - 1.02)	1.24 (1.23 - 1.25)	1.01 (1.00 - 1.02)
(Abalone, R, 0.25, 0.2)	1.04 (1.02 - 1.05)	1.02 (1.01 - 1.03)	1.23 (1.22 - 1.24)	1.02 (1.00 - 1.03)
(Abalone, R, 0.25, 0.5)	1.09 (1.08 - 1.11)	1.07 (1.06 - 1.08)	1.24 (1.23 - 1.25)	1.05 (1.03 - 1.07)
(Abalone, R, 0.5, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.30 (1.29 - 1.31)	1.01 (0.99 - 1.02)
(Abalone, R, 0.5, 0.1)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.03)	1.30 (1.29 - 1.31)	1.01 (1.00 - 1.02)
(Abalone, R, 0.5, 0.2)	1.02 (1.01 - 1.03)	1.03 (1.02 - 1.04)	1.30 (1.29 - 1.31)	1.03 (1.01 - 1.05)
(Abalone, R, 0.5, 0.5)	1.09 (1.07 - 1.10)	1.09 (1.07 - 1.10)	1.30 (1.29 - 1.31)	1.08 (1.05 - 1.10)
(Abalone, R, 0.75, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.44 (1.43 - 1.45)	1.01 (1.00 - 1.02)
(Abalone, R, 0.75, 0.1)	1.01 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.44 (1.43 - 1.45)	1.02 (1.01 - 1.04)
(Abalone, R, 0.75, 0.2)	1.02 (1.01 - 1.04)	1.02 (1.00 - 1.03)	1.44 (1.43 - 1.45)	1.05 (1.02 - 1.06)
(Abalone, R, 0.75, 0.5)	1.09 (1.07 - 1.11)	1.08 (1.07 - 1.10)	1.44 (1.43 - 1.45)	1.09 (1.05 - 1.12)
(Airfoil, A, 0.05, 0.05)	1.07 (1.04 - 1.10)	1.05 (1.02 - 1.07)	1.63 (1.60 - 1.65)	1.00 (0.98 - 1.01)
(Airfoil, A, 0.05, 0.1)	1.11 (1.07 - 1.14)	1.09 (1.06 - 1.13)	1.63 (1.61 - 1.66)	1.00 (0.99 - 1.02)
(Airfoil, A, 0.05, 0.2)	1.16 (1.13 - 1.19)	1.14 (1.12 - 1.17)	1.63 (1.61 - 1.66)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.05, 0.5)	1.24 (1.21 - 1.27)	1.25 (1.22 - 1.27)	1.64 (1.62 - 1.66)	1.01 (0.99 - 1.03)
(Airfoil, A, 0.1, 0.05)	1.08 (1.05 - 1.11)	1.06 (1.03 - 1.09)	1.63 (1.61 - 1.66)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.1, 0.1)	1.12 (1.09 - 1.15)	1.10 (1.07 - 1.13)	1.64 (1.61 - 1.66)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.1, 0.2)	1.16 (1.13 - 1.19)	1.15 (1.12 - 1.18)	1.63 (1.61 - 1.65)	1.00 (0.98 - 1.03)
(Airfoil, A, 0.1, 0.5)	1.26 (1.23 - 1.28)	1.26 (1.22 - 1.28)	1.64 (1.62 - 1.67)	1.03 (1.00 - 1.04)
(Airfoil, A, 0.25, 0.05)	1.07 (1.04 - 1.10)	1.04 (1.01 - 1.07)	1.66 (1.64 - 1.69)	1.00 (0.98 - 1.01)
(Airfoil, A, 0.25, 0.1)	1.13 (1.09 - 1.15)	1.09 (1.06 - 1.12)	1.67 (1.64 - 1.69)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.25, 0.2)	1.17 (1.14 - 1.20)	1.14 (1.11 - 1.16)	1.66 (1.64 - 1.68)	1.01 (0.99 - 1.03)
(Airfoil, A, 0.25, 0.5)	1.26 (1.23 - 1.29)	1.25 (1.21 - 1.28)	1.66 (1.64 - 1.69)	1.05 (1.02 - 1.09)
(Airfoil, A, 0.5, 0.05)	1.10 (1.08 - 1.12)	1.05 (1.02 - 1.08)	1.74 (1.72 - 1.77)	1.00 (0.98 - 1.02)
(Airfoil, A, 0.5, 0.1)	1.14 (1.11 - 1.17)	1.10 (1.07 - 1.13)	1.74 (1.71 - 1.76)	1.01 (0.98 - 1.03)
(Airfoil, A, 0.5, 0.2)	1.20 (1.17 - 1.23)	1.16 (1.13 - 1.19)	1.74 (1.71 - 1.77)	1.02 (0.99 - 1.05)
(Airfoil, A, 0.5, 0.5)	1.30 (1.27 - 1.33)	1.30 (1.26 - 1.33)	1.74 (1.71 - 1.76)	1.10 (1.06 - 1.14)
(Airfoil, A, 0.75, 0.05)	1.09 (1.06 - 1.12)	1.04 (1.01 - 1.07)	1.75 (1.72 - 1.77)	1.00 (0.97 - 1.02)
(Airfoil, A, 0.75, 0.1)	1.15 (1.12 - 1.18)	1.09 (1.06 - 1.12)	1.75 (1.73 - 1.78)	1.01 (0.98 - 1.04)
(Airfoil, A, 0.75, 0.2)	1.20 (1.17 - 1.23)	1.15 (1.12 - 1.18)	1.75 (1.73 - 1.78)	1.04 (1.01 - 1.06)
(Airfoil, A, 0.75, 0.5)	1.30 (1.27 - 1.34)	1.28 (1.25 - 1.31)	1.75 (1.72 - 1.77)	1.13 (1.08 - 1.17)
(Airfoil, D, 0.05, 0.05)	1.05 (1.02 - 1.07)	1.03 (1.01 - 1.06)	2.51 (2.48 - 2.54)	1.00 (0.97 - 1.02)
(Airfoil, D, 0.05, 0.1)	1.10 (1.07 - 1.14)	1.09 (1.05 - 1.12)	2.52 (2.49 - 2.54)	1.01 (0.97 - 1.03)
(Airfoil, D, 0.05, 0.2)	1.15 (1.12 - 1.19)	1.15 (1.10 - 1.19)	2.52 (2.50 - 2.54)	1.05 (1.00 - 1.09)
(Airfoil, D, 0.05, 0.5)	1.32 (1.27 - 1.36)	1.31 (1.27 - 1.35)	2.51 (2.49 - 2.54)	1.22 (1.17 - 1.27)
(Airfoil, D, 0.1, 0.05)	1.05 (1.02 - 1.08)	1.04 (1.01 - 1.06)	2.53 (2.51 - 2.55)	0.99 (0.96 - 1.02)
(Airfoil, D, 0.1, 0.1)	1.10 (1.06 - 1.13)	1.08 (1.05 - 1.11)	2.52 (2.49 - 2.54)	1.01 (0.98 - 1.04)
(Airfoil, D, 0.1, 0.2)	1.15 (1.11 - 1.19)	1.14 (1.10 - 1.19)	2.51 (2.49 - 2.54)	1.04 (1.01 - 1.07)
(Airfoil, D, 0.1, 0.5)	1.31 (1.26 - 1.36)	1.31 (1.27 - 1.36)	2.52 (2.49 - 2.54)	1.22 (1.18 - 1.25)
(Airfoil, D, 0.25, 0.05)	1.07 (1.03 - 1.10)	1.05 (1.01 - 1.08)	2.52 (2.50 - 2.55)	1.01 (0.99 - 1.03)
(Airfoil, D, 0.25, 0.1)	1.11 (1.07 - 1.15)	1.10 (1.06 - 1.14)	2.52 (2.49 - 2.55)	1.04 (1.01 - 1.08)
(Airfoil, D, 0.25, 0.2)	1.19 (1.16 - 1.23)	1.18 (1.14 - 1.22)	2.52 (2.50 - 2.54)	1.13 (1.10 - 1.17)
(Airfoil, D, 0.25, 0.5)	1.44 (1.39 - 1.49)	1.44 (1.37 - 1.50)	2.53 (2.50 - 2.56)	1.46 (1.41 - 1.53)
(Airfoil, D, 0.5, 0.05)	1.08 (1.05 - 1.11)	1.06 (1.03 - 1.09)	2.57 (2.54 - 2.60)	1.02 (0.99 - 1.04)
(Airfoil, D, 0.5, 0.1)	1.16 (1.12 - 1.21)	1.14 (1.09 - 1.18)	2.57 (2.55 - 2.59)	1.06 (1.02 - 1.09)
(Airfoil, D, 0.5, 0.2)	1.29 (1.23 - 1.33)	1.29 (1.24 - 1.35)	2.57 (2.55 - 2.59)	1.21 (1.16 - 1.26)
(Airfoil, D, 0.5, 0.5)	1.70 (1.63 - 1.76)	1.71 (1.65 - 1.78)	2.57 (2.55 - 2.59)	1.63 (1.55 - 1.71)
(Airfoil, D, 0.75, 0.05)	1.08 (1.05 - 1.11)	1.06 (1.03 - 1.09)	2.48 (2.46 - 2.51)	1.04 (1.01 - 1.09)
(Airfoil, D, 0.75, 0.1)	1.17 (1.13 - 1.21)	1.14 (1.11 - 1.18)	2.49 (2.46 - 2.51)	1.10 (1.07 - 1.14)
(Airfoil, D, 0.75, 0.2)	1.32 (1.27 - 1.38)	1.31 (1.27 - 1.35)	2.49 (2.46 - 2.51)	1.28 (1.23 - 1.32)
(Airfoil, D, 0.75, 0.5)	1.75 (1.68 - 1.83)	1.76 (1.69 - 1.84)	2.48 (2.46 - 2.51)	1.79 (1.71 - 1.85)
(Airfoil, K, 0.05, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.01 (1.00 - 1.01)
(Airfoil, K, 0.05, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.16 (1.16 - 1.16)	1.02 (1.01 - 1.02)
(Airfoil, K, 0.05, 0.2)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.04)	1.16 (1.16 - 1.16)	1.03 (1.02 - 1.04)
(Airfoil, K, 0.05, 0.5)	1.05 (1.04 - 1.06)	1.05 (1.04 - 1.07)	1.16 (1.16 - 1.16)	1.05 (1.04 - 1.06)
(Airfoil, K, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.01 (1.00 - 1.01)
(Airfoil, K, 0.1, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.16 (1.16 - 1.16)	1.02 (1.01 - 1.02)
(Airfoil, K, 0.1, 0.2)	1.03 (1.02 - 1.03)	1.03 (1.02 - 1.03)	1.16 (1.16 - 1.16)	1.03 (1.02 - 1.03)
(Airfoil, K, 0.1, 0.5)	1.06 (1.04 - 1.07)	1.06 (1.04 - 1.07)	1.16 (1.16 - 1.16)	1.06 (1.04 - 1.07)
(Airfoil, K, 0.25, 0.05)	1.01 (1.01 - 1.01)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.01 (1.01 - 1.02)
(Airfoil, K, 0.25, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.16 (1.16 - 1.16)	1.03 (1.02 - 1.04)
(Airfoil, K, 0.25, 0.2)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.03)	1.16 (1.16 - 1.16)	1.04 (1.03 - 1.05)
(Airfoil, K, 0.25, 0.5)	1.06 (1.04 - 1.07)	1.06 (1.04 - 1.07)	1.16 (1.16 - 1.16)	1.08 (1.06 - 1.09)
(Airfoil, K, 0.5, 0.05)	1.01 (1.00 - 1.02)	1.01 (1.00 - 1.02)	1.18 (1.18 - 1.18)	1.02 (1.01 - 1.03)
(Airfoil, K, 0.5, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.18 (1.18 - 1.18)	1.03 (1.03 - 1.04)
(Airfoil, K, 0.5, 0.2)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.04)	1.18 (1.18 - 1.18)	1.05 (1.04 - 1.06)
(Airfoil, K, 0.5, 0.5)	1.06 (1.04 - 1.07)	1.06 (1.04 - 1.07)	1.18 (1.18 - 1.18)	1.11 (1.08 - 1.13)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Airfoil, K, 0.75, 0.05)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.25 (1.25 - 1.25)	1.03 (1.02 - 1.03)
(Airfoil, K, 0.75, 0.1)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.04)	1.25 (1.25 - 1.25)	1.04 (1.03 - 1.05)
(Airfoil, K, 0.75, 0.2)	1.05 (1.04 - 1.06)	1.05 (1.04 - 1.06)	1.25 (1.25 - 1.25)	1.06 (1.05 - 1.07)
(Airfoil, K, 0.75, 0.5)	1.08 (1.06 - 1.09)	1.08 (1.06 - 1.09)	1.25 (1.25 - 1.25)	1.11 (1.09 - 1.14)
(Airfoil, R, 0.05, 0.05)	1.09 (1.06 - 1.12)	1.08 (1.05 - 1.11)	3.65 (3.56 - 3.72)	1.02 (1.00 - 1.05)
(Airfoil, R, 0.05, 0.1)	1.14 (1.11 - 1.18)	1.14 (1.10 - 1.18)	3.64 (3.55 - 3.72)	1.05 (1.01 - 1.09)
(Airfoil, R, 0.05, 0.2)	1.24 (1.20 - 1.27)	1.23 (1.20 - 1.26)	3.65 (3.56 - 3.72)	1.10 (1.06 - 1.13)
(Airfoil, R, 0.05, 0.5)	1.46 (1.41 - 1.52)	1.48 (1.43 - 1.53)	3.65 (3.56 - 3.71)	1.32 (1.26 - 1.37)
(Airfoil, R, 0.1, 0.05)	1.09 (1.06 - 1.11)	1.08 (1.05 - 1.10)	3.65 (3.56 - 3.74)	1.03 (1.00 - 1.06)
(Airfoil, R, 0.1, 0.1)	1.15 (1.11 - 1.19)	1.14 (1.11 - 1.18)	3.64 (3.57 - 3.71)	1.05 (1.02 - 1.08)
(Airfoil, R, 0.1, 0.2)	1.23 (1.19 - 1.26)	1.23 (1.19 - 1.26)	3.64 (3.56 - 3.71)	1.10 (1.05 - 1.14)
(Airfoil, R, 0.1, 0.5)	1.45 (1.40 - 1.51)	1.48 (1.44 - 1.53)	3.64 (3.59 - 3.72)	1.31 (1.26 - 1.36)
(Airfoil, R, 0.25, 0.05)	1.10 (1.08 - 1.13)	1.08 (1.06 - 1.12)	3.65 (3.56 - 3.73)	1.05 (1.02 - 1.08)
(Airfoil, R, 0.25, 0.1)	1.17 (1.13 - 1.20)	1.15 (1.11 - 1.17)	3.64 (3.56 - 3.72)	1.09 (1.06 - 1.11)
(Airfoil, R, 0.25, 0.2)	1.29 (1.25 - 1.32)	1.26 (1.23 - 1.29)	3.63 (3.57 - 3.70)	1.19 (1.16 - 1.23)
(Airfoil, R, 0.25, 0.5)	1.57 (1.51 - 1.62)	1.57 (1.51 - 1.63)	3.62 (3.55 - 3.69)	1.60 (1.53 - 1.66)
(Airfoil, R, 0.5, 0.05)	1.12 (1.09 - 1.15)	1.10 (1.08 - 1.13)	3.72 (3.65 - 3.78)	1.07 (1.03 - 1.10)
(Airfoil, R, 0.5, 0.1)	1.22 (1.17 - 1.26)	1.19 (1.15 - 1.22)	3.71 (3.62 - 3.79)	1.14 (1.10 - 1.16)
(Airfoil, R, 0.5, 0.2)	1.37 (1.32 - 1.41)	1.34 (1.30 - 1.38)	3.72 (3.64 - 3.79)	1.30 (1.26 - 1.35)
(Airfoil, R, 0.5, 0.5)	1.85 (1.76 - 1.93)	1.84 (1.77 - 1.91)	3.74 (3.65 - 3.81)	1.89 (1.80 - 1.97)
(Airfoil, R, 0.75, 0.05)	1.13 (1.11 - 1.16)	1.11 (1.08 - 1.13)	3.61 (3.52 - 3.68)	1.10 (1.07 - 1.14)
(Airfoil, R, 0.75, 0.1)	1.24 (1.20 - 1.27)	1.19 (1.16 - 1.23)	3.58 (3.51 - 3.67)	1.19 (1.14 - 1.22)
(Airfoil, R, 0.75, 0.2)	1.40 (1.34 - 1.46)	1.38 (1.33 - 1.42)	3.59 (3.49 - 3.67)	1.40 (1.34 - 1.44)
(Airfoil, R, 0.75, 0.5)	1.85 (1.77 - 1.91)	1.85 (1.77 - 1.92)	3.58 (3.48 - 3.66)	2.07 (1.97 - 2.18)
(Bike Sharing, A, 0.05, 0.05)	1.19 (0.82 - 1.44)	1.88 (1.63 - 2.13)	2.58 (2.26 - 2.86)	1.07 (0.92 - 1.21)
(Bike Sharing, A, 0.05, 0.1)	1.17 (0.76 - 1.54)	1.93 (1.62 - 2.15)	2.52 (2.18 - 2.78)	1.03 (0.90 - 1.17)
(Bike Sharing, A, 0.05, 0.2)	1.31 (0.80 - 1.83)	2.13 (1.83 - 2.38)	2.54 (2.20 - 2.86)	1.05 (0.91 - 1.20)
(Bike Sharing, A, 0.05, 0.5)	1.35 (0.85 - 1.78)	2.31 (2.02 - 2.58)	2.58 (2.27 - 2.92)	1.08 (0.91 - 1.22)
(Bike Sharing, A, 0.1, 0.05)	1.16 (0.82 - 1.40)	1.83 (1.49 - 2.08)	2.51 (2.26 - 2.77)	1.03 (0.89 - 1.14)
(Bike Sharing, A, 0.1, 0.1)	1.27 (0.83 - 1.65)	2.00 (1.66 - 2.31)	2.53 (2.21 - 2.79)	1.06 (0.87 - 1.24)
(Bike Sharing, A, 0.1, 0.2)	1.24 (0.72 - 1.72)	2.09 (1.80 - 2.38)	2.52 (2.24 - 2.83)	1.03 (0.87 - 1.19)
(Bike Sharing, A, 0.1, 0.5)	1.50 (0.90 - 2.08)	2.21 (1.91 - 2.47)	2.48 (2.13 - 2.79)	1.05 (0.87 - 1.22)
(Bike Sharing, A, 0.25, 0.05)	1.19 (0.83 - 1.48)	1.83 (1.53 - 2.13)	2.50 (2.19 - 2.76)	1.05 (0.88 - 1.18)
(Bike Sharing, A, 0.25, 0.1)	1.18 (0.75 - 1.55)	1.95 (1.61 - 2.28)	2.49 (2.22 - 2.77)	1.05 (0.88 - 1.22)
(Bike Sharing, A, 0.25, 0.2)	1.20 (0.76 - 1.55)	2.12 (1.81 - 2.37)	2.53 (2.19 - 2.92)	1.07 (0.88 - 1.23)
(Bike Sharing, A, 0.25, 0.5)	1.33 (0.84 - 1.74)	2.29 (2.01 - 2.56)	2.46 (2.19 - 2.75)	1.23 (1.01 - 1.42)
(Bike Sharing, A, 0.5, 0.05)	1.10 (0.78 - 1.33)	1.76 (1.44 - 1.99)	2.37 (2.10 - 2.70)	0.99 (0.80 - 1.15)
(Bike Sharing, A, 0.5, 0.1)	1.27 (0.81 - 1.63)	1.99 (1.67 - 2.22)	2.52 (2.23 - 2.85)	1.15 (0.92 - 1.31)
(Bike Sharing, A, 0.5, 0.2)	1.22 (0.74 - 1.69)	2.06 (1.80 - 2.34)	2.47 (2.18 - 2.85)	1.14 (0.88 - 1.38)
(Bike Sharing, A, 0.5, 0.5)	1.46 (0.85 - 2.06)	2.23 (1.95 - 2.47)	2.46 (2.20 - 2.74)	1.28 (1.06 - 1.44)
(Bike Sharing, A, 0.75, 0.05)	1.20 (0.82 - 1.50)	1.50 (1.16 - 1.83)	3.30 (2.88 - 3.74)	1.03 (0.84 - 1.19)
(Bike Sharing, A, 0.75, 0.1)	1.16 (0.74 - 1.53)	1.62 (1.14 - 2.05)	3.41 (2.99 - 3.82)	1.15 (0.97 - 1.33)
(Bike Sharing, A, 0.75, 0.2)	1.01 (0.67 - 1.07)	1.62 (1.25 - 1.96)	3.30 (2.91 - 3.72)	1.19 (0.96 - 1.35)
(Bike Sharing, A, 0.75, 0.5)	1.01 (0.58 - 1.15)	1.62 (1.26 - 1.95)	3.35 (3.01 - 3.74)	1.27 (1.08 - 1.43)
(Bike Sharing, D, 0.05, 0.05)	1.05 (1.01 - 1.07)	1.19 (1.14 - 1.24)	3.63 (3.60 - 3.66)	0.99 (0.97 - 1.00)
(Bike Sharing, D, 0.05, 0.1)	1.07 (1.01 - 1.10)	1.37 (1.31 - 1.43)	3.63 (3.60 - 3.65)	0.98 (0.97 - 1.00)
(Bike Sharing, D, 0.05, 0.2)	1.08 (1.02 - 1.09)	1.67 (1.58 - 1.74)	3.62 (3.59 - 3.66)	0.99 (0.97 - 1.00)
(Bike Sharing, D, 0.05, 0.5)	1.13 (1.06 - 1.13)	2.48 (2.37 - 2.56)	3.62 (3.59 - 3.65)	1.01 (0.98 - 1.03)
(Bike Sharing, D, 0.1, 0.05)	1.05 (1.02 - 1.08)	1.19 (1.14 - 1.24)	3.62 (3.59 - 3.65)	0.98 (0.97 - 1.00)
(Bike Sharing, D, 0.1, 0.1)	1.08 (1.03 - 1.12)	1.37 (1.31 - 1.41)	3.62 (3.59 - 3.65)	0.98 (0.97 - 1.00)
(Bike Sharing, D, 0.1, 0.2)	1.10 (1.03 - 1.14)	1.68 (1.60 - 1.76)	3.61 (3.58 - 3.65)	0.98 (0.97 - 1.00)
(Bike Sharing, D, 0.1, 0.5)	1.16 (1.06 - 1.18)	2.51 (2.39 - 2.61)	3.62 (3.59 - 3.65)	1.01 (0.99 - 1.03)
(Bike Sharing, D, 0.25, 0.05)	1.04 (1.00 - 1.06)	1.23 (1.17 - 1.28)	3.98 (3.96 - 4.01)	0.98 (0.96 - 1.00)
(Bike Sharing, D, 0.25, 0.1)	1.07 (1.02 - 1.10)	1.45 (1.38 - 1.51)	3.99 (3.96 - 4.02)	0.99 (0.97 - 1.01)
(Bike Sharing, D, 0.25, 0.2)	1.12 (1.05 - 1.16)	1.76 (1.67 - 1.84)	4.00 (3.97 - 4.02)	1.01 (0.99 - 1.03)
(Bike Sharing, D, 0.25, 0.5)	1.28 (1.16 - 1.33)	2.54 (2.39 - 2.65)	3.98 (3.95 - 4.02)	1.09 (1.06 - 1.11)
(Bike Sharing, D, 0.5, 0.05)	1.05 (1.01 - 1.07)	1.27 (1.22 - 1.31)	4.66 (4.63 - 4.68)	0.98 (0.97 - 1.00)
(Bike Sharing, D, 0.5, 0.1)	1.08 (1.02 - 1.11)	1.50 (1.44 - 1.57)	4.67 (4.64 - 4.70)	1.00 (0.98 - 1.02)
(Bike Sharing, D, 0.5, 0.2)	1.12 (1.05 - 1.15)	1.88 (1.80 - 1.95)	4.67 (4.64 - 4.69)	1.03 (1.01 - 1.05)
(Bike Sharing, D, 0.5, 0.5)	1.32 (1.19 - 1.37)	2.73 (2.59 - 2.86)	4.66 (4.63 - 4.68)	1.13 (1.09 - 1.18)
(Bike Sharing, D, 0.75, 0.05)	1.06 (1.02 - 1.11)	1.27 (1.22 - 1.32)	5.65 (5.62 - 5.68)	0.99 (0.98 - 1.01)
(Bike Sharing, D, 0.75, 0.1)	1.09 (1.04 - 1.13)	1.51 (1.45 - 1.58)	5.64 (5.61 - 5.67)	1.02 (1.00 - 1.04)
(Bike Sharing, D, 0.75, 0.2)	1.12 (1.05 - 1.15)	1.86 (1.77 - 1.92)	5.65 (5.62 - 5.68)	1.08 (1.05 - 1.10)
(Bike Sharing, D, 0.75, 0.5)	1.33 (1.20 - 1.35)	2.70 (2.54 - 2.84)	5.64 (5.61 - 5.67)	1.17 (1.13 - 1.21)
(Bike Sharing, K, 0.05, 0.05)	1.08 (1.06 - 1.08)	1.16 (1.14 - 1.18)	4.40 (4.40 - 4.40)	1.00 (1.00 - 1.01)
(Bike Sharing, K, 0.05, 0.1)	1.12 (1.08 - 1.12)	1.31 (1.27 - 1.34)	4.40 (4.40 - 4.40)	1.01 (1.00 - 1.01)
(Bike Sharing, K, 0.05, 0.2)	1.13 (1.02 - 1.15)	1.58 (1.53 - 1.62)	4.40 (4.40 - 4.40)	1.02 (1.01 - 1.02)
(Bike Sharing, K, 0.05, 0.5)	1.20 (1.04 - 1.24)	2.31 (2.24 - 2.37)	4.40 (4.40 - 4.40)	1.05 (1.04 - 1.06)
(Bike Sharing, K, 0.1, 0.05)	1.09 (1.05 - 1.17)	1.16 (1.14 - 1.18)	4.40 (4.40 - 4.40)	1.00 (1.00 - 1.01)
(Bike Sharing, K, 0.1, 0.1)	1.11 (1.02 - 1.11)	1.31 (1.28 - 1.34)	4.40 (4.40 - 4.40)	1.01 (1.00 - 1.01)
(Bike Sharing, K, 0.1, 0.2)	1.15 (1.01 - 1.15)	1.58 (1.53 - 1.63)	4.40 (4.40 - 4.40)	1.01 (1.01 - 1.02)
(Bike Sharing, K, 0.1, 0.5)	1.21 (1.04 - 1.21)	2.30 (2.23 - 2.36)	4.40 (4.40 - 4.40)	1.05 (1.04 - 1.06)
(Bike Sharing, K, 0.25, 0.05)	1.09 (1.05 - 1.16)	1.20 (1.17 - 1.23)	4.63 (4.63 - 4.63)	1.01 (1.01 - 1.02)
(Bike Sharing, K, 0.25, 0.1)	1.13 (1.07 - 1.20)	1.39 (1.35 - 1.43)	4.63 (4.63 - 4.63)	1.02 (1.01 - 1.03)
(Bike Sharing, K, 0.25, 0.2)	1.17 (1.06 - 1.20)	1.78 (1.72 - 1.84)	4.63 (4.63 - 4.63)	1.05 (1.04 - 1.05)
(Bike Sharing, K, 0.25, 0.5)	1.30 (1.06 - 1.38)	2.59 (2.49 - 2.68)	4.63 (4.63 - 4.63)	1.16 (1.14 - 1.18)

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	Naïve	Neighbors	No Columns	No Rows
(Bike Sharing, K, 0.5, 0.05)	1.09 (1.06 - 1.10)	1.22 (1.19 - 1.25)	5.64 (5.64 - 5.64)	1.02 (1.01 - 1.02)
(Bike Sharing, K, 0.5, 0.1)	1.13 (1.03 - 1.15)	1.44 (1.40 - 1.48)	5.64 (5.64 - 5.64)	1.03 (1.03 - 1.04)
(Bike Sharing, K, 0.5, 0.2)	1.19 (1.09 - 1.22)	1.85 (1.79 - 1.93)	5.64 (5.64 - 5.64)	1.08 (1.07 - 1.10)
(Bike Sharing, K, 0.5, 0.5)	1.37 (1.13 - 1.43)	2.63 (2.48 - 2.76)	5.64 (5.64 - 5.64)	1.24 (1.21 - 1.27)
(Bike Sharing, K, 0.75, 0.05)	1.09 (1.06 - 1.11)	1.27 (1.18 - 1.34)	7.44 (7.44 - 7.44)	1.03 (1.02 - 1.04)
(Bike Sharing, K, 0.75, 0.1)	1.12 (1.05 - 1.15)	1.50 (1.36 - 1.63)	7.44 (7.44 - 7.44)	1.06 (1.05 - 1.07)
(Bike Sharing, K, 0.75, 0.2)	1.21 (1.07 - 1.27)	1.93 (1.60 - 2.17)	7.44 (7.44 - 7.44)	1.14 (1.12 - 1.16)
(Bike Sharing, K, 0.75, 0.5)	1.42 (1.16 - 1.50)	2.71 (2.23 - 3.21)	7.44 (7.44 - 7.44)	1.28 (1.25 - 1.31)
(Bike Sharing, R, 0.05, 0.05)	1.07 (1.05 - 1.08)	1.25 (1.22 - 1.29)	4.38 (4.33 - 4.43)	1.00 (0.99 - 1.01)
(Bike Sharing, R, 0.05, 0.1)	1.10 (1.04 - 1.10)	1.47 (1.42 - 1.50)	4.38 (4.34 - 4.41)	1.01 (1.00 - 1.02)
(Bike Sharing, R, 0.05, 0.2)	1.10 (1.04 - 1.12)	1.85 (1.78 - 1.89)	4.40 (4.35 - 4.44)	1.02 (1.01 - 1.02)
(Bike Sharing, R, 0.05, 0.5)	1.18 (1.08 - 1.15)	2.87 (2.78 - 2.94)	4.40 (4.35 - 4.44)	1.05 (1.03 - 1.06)
(Bike Sharing, R, 0.1, 0.05)	1.09 (1.05 - 1.10)	1.25 (1.21 - 1.28)	4.40 (4.35 - 4.44)	1.00 (0.99 - 1.01)
(Bike Sharing, R, 0.1, 0.1)	1.10 (1.05 - 1.10)	1.47 (1.43 - 1.51)	4.39 (4.34 - 4.43)	1.00 (0.99 - 1.01)
(Bike Sharing, R, 0.1, 0.2)	1.10 (1.03 - 1.11)	1.86 (1.80 - 1.91)	4.39 (4.35 - 4.43)	1.02 (1.00 - 1.03)
(Bike Sharing, R, 0.1, 0.5)	1.16 (1.08 - 1.16)	2.87 (2.81 - 2.92)	4.39 (4.35 - 4.44)	1.05 (1.04 - 1.06)
(Bike Sharing, R, 0.25, 0.05)	1.08 (1.04 - 1.09)	1.29 (1.25 - 1.33)	4.59 (4.54 - 4.64)	1.01 (1.00 - 1.03)
(Bike Sharing, R, 0.25, 0.1)	1.10 (1.04 - 1.11)	1.52 (1.47 - 1.57)	4.58 (4.53 - 4.63)	1.02 (1.01 - 1.03)
(Bike Sharing, R, 0.25, 0.2)	1.14 (1.05 - 1.19)	1.94 (1.89 - 1.99)	4.57 (4.52 - 4.63)	1.05 (1.03 - 1.06)
(Bike Sharing, R, 0.25, 0.5)	1.29 (1.15 - 1.29)	2.90 (2.79 - 3.02)	4.59 (4.53 - 4.64)	1.13 (1.11 - 1.15)
(Bike Sharing, R, 0.5, 0.05)	1.08 (1.04 - 1.09)	1.29 (1.26 - 1.32)	5.53 (5.50 - 5.59)	1.02 (1.01 - 1.03)
(Bike Sharing, R, 0.5, 0.1)	1.13 (1.06 - 1.17)	1.54 (1.49 - 1.58)	5.54 (5.49 - 5.58)	1.04 (1.02 - 1.05)
(Bike Sharing, R, 0.5, 0.2)	1.16 (1.06 - 1.22)	1.99 (1.93 - 2.05)	5.54 (5.50 - 5.58)	1.08 (1.06 - 1.09)
(Bike Sharing, R, 0.5, 0.5)	1.33 (1.18 - 1.35)	2.97 (2.84 - 3.09)	5.53 (5.48 - 5.58)	1.18 (1.15 - 1.22)
(Bike Sharing, R, 0.75, 0.05)	1.08 (1.04 - 1.10)	1.34 (1.30 - 1.38)	6.47 (6.42 - 6.51)	1.03 (1.02 - 1.04)
(Bike Sharing, R, 0.75, 0.1)	1.12 (1.06 - 1.15)	1.62 (1.55 - 1.67)	6.45 (6.41 - 6.50)	1.06 (1.04 - 1.07)
(Bike Sharing, R, 0.75, 0.2)	1.21 (1.10 - 1.31)	2.05 (1.99 - 2.10)	6.46 (6.42 - 6.51)	1.12 (1.10 - 1.14)
(Bike Sharing, R, 0.75, 0.5)	1.46 (1.22 - 1.61)	3.06 (2.91 - 3.22)	6.44 (6.38 - 6.49)	1.22 (1.18 - 1.26)
(California House, A, 0.05, 0.05)	0.99 (0.92 - 1.04)	1.00 (0.94 - 1.06)	1.08 (1.00 - 1.14)	0.98 (0.92 - 1.04)
(California House, A, 0.05, 0.1)	0.95 (0.88 - 1.01)	0.98 (0.91 - 1.04)	1.07 (0.98 - 1.14)	0.98 (0.90 - 1.04)
(California House, A, 0.05, 0.2)	0.94 (0.86 - 1.01)	0.98 (0.92 - 1.04)	1.09 (1.00 - 1.14)	0.97 (0.90 - 1.05)
(California House, A, 0.05, 0.5)	0.94 (0.86 - 0.99)	0.98 (0.91 - 1.03)	1.06 (1.00 - 1.12)	0.95 (0.89 - 0.99)
(California House, A, 0.1, 0.05)	0.96 (0.90 - 1.01)	0.97 (0.91 - 1.03)	1.05 (0.98 - 1.11)	0.98 (0.91 - 1.04)
(California House, A, 0.1, 0.1)	0.97 (0.88 - 1.06)	1.00 (0.93 - 1.07)	1.08 (1.00 - 1.15)	0.99 (0.91 - 1.05)
(California House, A, 0.1, 0.2)	0.95 (0.87 - 1.01)	0.98 (0.90 - 1.04)	1.09 (1.00 - 1.16)	0.99 (0.92 - 1.04)
(California House, A, 0.1, 0.5)	0.94 (0.89 - 0.99)	0.97 (0.91 - 1.04)	1.07 (1.00 - 1.11)	0.94 (0.88 - 1.00)
(California House, A, 0.25, 0.05)	0.96 (0.89 - 1.03)	0.96 (0.89 - 1.03)	1.10 (1.03 - 1.17)	0.98 (0.92 - 1.05)
(California House, A, 0.25, 0.1)	0.94 (0.87 - 1.01)	0.97 (0.90 - 1.03)	1.12 (1.03 - 1.18)	0.99 (0.90 - 1.06)
(California House, A, 0.25, 0.2)	0.93 (0.85 - 1.00)	0.96 (0.88 - 1.01)	1.11 (1.05 - 1.15)	0.97 (0.90 - 1.02)
(California House, A, 0.25, 0.5)	0.86 (0.79 - 0.94)	0.94 (0.88 - 1.02)	1.10 (1.04 - 1.15)	0.93 (0.85 - 1.00)
(California House, A, 0.5, 0.05)	0.98 (0.92 - 1.04)	1.00 (0.94 - 1.06)	1.15 (1.08 - 1.21)	0.99 (0.92 - 1.05)
(California House, A, 0.5, 0.1)	0.95 (0.88 - 1.01)	0.99 (0.92 - 1.05)	1.13 (1.07 - 1.19)	0.96 (0.90 - 1.02)
(California House, A, 0.5, 0.2)	0.93 (0.85 - 0.99)	1.00 (0.94 - 1.04)	1.13 (1.06 - 1.17)	0.94 (0.86 - 1.00)
(California House, A, 0.5, 0.5)	0.89 (0.80 - 0.98)	1.01 (0.94 - 1.08)	1.16 (1.09 - 1.23)	0.90 (0.85 - 0.94)
(California House, A, 0.75, 0.05)	0.98 (0.91 - 1.04)	0.98 (0.92 - 1.05)	1.07 (1.00 - 1.12)	0.97 (0.91 - 1.03)
(California House, A, 0.75, 0.1)	0.95 (0.88 - 1.03)	0.97 (0.89 - 1.02)	1.05 (0.98 - 1.10)	0.94 (0.87 - 1.01)
(California House, A, 0.75, 0.2)	0.95 (0.87 - 1.01)	0.96 (0.88 - 1.02)	1.06 (0.99 - 1.11)	0.93 (0.85 - 0.99)
(California House, A, 0.75, 0.5)	0.88 (0.81 - 0.93)	0.91 (0.84 - 0.98)	1.04 (0.98 - 1.09)	0.85 (0.79 - 0.89)
(California House, D, 0.05, 0.05)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.04)	1.44 (1.43 - 1.45)	1.03 (1.01 - 1.04)
(California House, D, 0.05, 0.1)	1.06 (1.03 - 1.08)	1.07 (1.05 - 1.09)	1.44 (1.44 - 1.45)	1.04 (1.02 - 1.06)
(California House, D, 0.05, 0.2)	1.10 (1.07 - 1.12)	1.11 (1.09 - 1.13)	1.44 (1.43 - 1.45)	1.06 (1.03 - 1.08)
(California House, D, 0.05, 0.5)	1.25 (1.23 - 1.26)	1.24 (1.22 - 1.26)	1.44 (1.44 - 1.45)	1.11 (1.08 - 1.13)
(California House, D, 0.1, 0.05)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.04)	1.44 (1.43 - 1.45)	1.03 (1.01 - 1.04)
(California House, D, 0.1, 0.1)	1.06 (1.03 - 1.09)	1.07 (1.04 - 1.09)	1.44 (1.43 - 1.45)	1.03 (1.02 - 1.05)
(California House, D, 0.1, 0.2)	1.10 (1.07 - 1.13)	1.11 (1.09 - 1.14)	1.44 (1.44 - 1.45)	1.06 (1.04 - 1.08)
(California House, D, 0.1, 0.5)	1.25 (1.23 - 1.27)	1.24 (1.22 - 1.26)	1.44 (1.43 - 1.45)	1.11 (1.08 - 1.14)
(California House, D, 0.25, 0.05)	1.10 (1.09 - 1.12)	1.11 (1.10 - 1.12)	1.69 (1.68 - 1.70)	1.04 (1.02 - 1.05)
(California House, D, 0.25, 0.1)	1.14 (1.13 - 1.16)	1.16 (1.14 - 1.18)	1.68 (1.67 - 1.69)	1.06 (1.03 - 1.08)
(California House, D, 0.25, 0.2)	1.23 (1.22 - 1.25)	1.26 (1.24 - 1.27)	1.69 (1.67 - 1.69)	1.08 (1.06 - 1.11)
(California House, D, 0.25, 0.5)	1.47 (1.45 - 1.49)	1.48 (1.46 - 1.49)	1.68 (1.67 - 1.69)	1.17 (1.14 - 1.19)
(California House, D, 0.5, 0.05)	1.06 (1.05 - 1.08)	1.10 (1.07 - 1.12)	2.78 (2.77 - 2.79)	1.06 (1.03 - 1.08)
(California House, D, 0.5, 0.1)	1.11 (1.09 - 1.13)	1.15 (1.13 - 1.17)	2.78 (2.76 - 2.80)	1.08 (1.06 - 1.10)
(California House, D, 0.5, 0.2)	1.22 (1.19 - 1.25)	1.24 (1.22 - 1.26)	2.78 (2.77 - 2.80)	1.13 (1.10 - 1.15)
(California House, D, 0.5, 0.5)	1.55 (1.53 - 1.58)	1.53 (1.50 - 1.56)	2.78 (2.76 - 2.79)	1.28 (1.24 - 1.33)
(California House, D, 0.75, 0.05)	1.06 (1.04 - 1.07)	1.08 (1.06 - 1.09)	3.32 (3.30 - 3.34)	1.07 (1.05 - 1.09)
(California House, D, 0.75, 0.1)	1.12 (1.10 - 1.13)	1.14 (1.11 - 1.16)	3.32 (3.31 - 3.33)	1.09 (1.07 - 1.12)
(California House, D, 0.75, 0.2)	1.21 (1.19 - 1.24)	1.23 (1.21 - 1.25)	3.32 (3.30 - 3.33)	1.18 (1.15 - 1.20)
(California House, D, 0.75, 0.5)	1.48 (1.45 - 1.52)	1.53 (1.50 - 1.58)	3.32 (3.31 - 3.34)	1.35 (1.31 - 1.40)
(California House, K, 0.05, 0.05)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.05, 0.1)	1.00 (1.00 - 1.01)	1.01 (1.01 - 1.01)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.05, 0.2)	1.01 (1.00 - 1.01)	1.02 (1.02 - 1.03)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.05, 0.5)	1.01 (1.01 - 1.02)	1.05 (1.04 - 1.05)	1.16 (1.16 - 1.16)	1.01 (1.00 - 1.01)
(California House, K, 0.1, 0.05)	1.00 (1.00 - 1.00)	1.01 (1.00 - 1.01)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.1, 0.1)	1.00 (1.00 - 1.00)	1.01 (1.01 - 1.01)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.1, 0.2)	1.01 (1.00 - 1.01)	1.02 (1.02 - 1.03)	1.16 (1.16 - 1.16)	1.00 (1.00 - 1.00)
(California House, K, 0.1, 0.5)	1.01 (1.01 - 1.02)	1.05 (1.04 - 1.05)	1.16 (1.16 - 1.16)	1.01 (1.00 - 1.02)

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	Naïve	Neighbors	No Columns	No Rows
(California House, K, 0.25, 0.05)	1.00 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.15 (1.15 - 1.15)	1.00 (1.00 - 1.00)
(California House, K, 0.25, 0.1)	1.01 (1.01 - 1.01)	1.01 (1.01 - 1.02)	1.15 (1.15 - 1.15)	1.00 (1.00 - 1.00)
(California House, K, 0.25, 0.2)	1.01 (1.01 - 1.02)	1.03 (1.02 - 1.03)	1.15 (1.15 - 1.15)	1.00 (1.00 - 1.01)
(California House, K, 0.25, 0.5)	1.03 (1.03 - 1.04)	1.06 (1.05 - 1.06)	1.15 (1.15 - 1.15)	1.02 (1.01 - 1.03)
(California House, K, 0.5, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	0.52 (0.52 - 0.52)	1.00 (1.00 - 1.00)
(California House, K, 0.5, 0.1)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.02)	0.52 (0.52 - 0.52)	1.00 (1.00 - 1.01)
(California House, K, 0.5, 0.2)	1.02 (1.02 - 1.03)	1.03 (1.03 - 1.04)	0.52 (0.52 - 0.52)	1.01 (1.01 - 1.02)
(California House, K, 0.5, 0.5)	1.05 (1.04 - 1.06)	1.09 (1.08 - 1.10)	0.52 (0.52 - 0.52)	1.04 (1.03 - 1.05)
(California House, K, 0.75, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	0.35 (0.35 - 0.35)	1.00 (1.00 - 1.00)
(California House, K, 0.75, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	0.35 (0.35 - 0.35)	1.01 (1.00 - 1.01)
(California House, K, 0.75, 0.2)	1.02 (1.02 - 1.03)	1.03 (1.02 - 1.04)	0.35 (0.35 - 0.35)	1.02 (1.01 - 1.03)
(California House, K, 0.75, 0.5)	1.05 (1.05 - 1.06)	1.08 (1.07 - 1.09)	0.35 (0.35 - 0.35)	1.04 (1.03 - 1.05)
(California House, R, 0.05, 0.05)	1.03 (1.02 - 1.03)	1.03 (1.02 - 1.04)	1.44 (1.43 - 1.45)	1.00 (1.00 - 1.01)
(California House, R, 0.05, 0.1)	1.04 (1.04 - 1.05)	1.05 (1.04 - 1.06)	1.44 (1.43 - 1.45)	1.01 (1.00 - 1.03)
(California House, R, 0.05, 0.2)	1.09 (1.08 - 1.10)	1.10 (1.08 - 1.11)	1.44 (1.43 - 1.45)	1.02 (1.01 - 1.03)
(California House, R, 0.05, 0.5)	1.23 (1.21 - 1.24)	1.22 (1.21 - 1.24)	1.44 (1.43 - 1.45)	1.07 (1.06 - 1.08)
(California House, R, 0.1, 0.05)	1.03 (1.02 - 1.03)	1.03 (1.02 - 1.03)	1.44 (1.43 - 1.45)	1.00 (1.00 - 1.01)
(California House, R, 0.1, 0.1)	1.04 (1.03 - 1.05)	1.05 (1.04 - 1.06)	1.44 (1.43 - 1.45)	1.01 (1.00 - 1.02)
(California House, R, 0.1, 0.2)	1.09 (1.07 - 1.10)	1.09 (1.08 - 1.10)	1.44 (1.43 - 1.45)	1.02 (1.01 - 1.03)
(California House, R, 0.1, 0.5)	1.23 (1.21 - 1.24)	1.22 (1.21 - 1.24)	1.44 (1.43 - 1.45)	1.07 (1.06 - 1.08)
(California House, R, 0.25, 0.05)	1.06 (1.05 - 1.07)	1.07 (1.06 - 1.08)	1.67 (1.65 - 1.68)	1.01 (1.00 - 1.02)
(California House, R, 0.25, 0.1)	1.12 (1.11 - 1.12)	1.12 (1.11 - 1.13)	1.67 (1.66 - 1.68)	1.02 (1.01 - 1.03)
(California House, R, 0.25, 0.2)	1.20 (1.19 - 1.21)	1.22 (1.21 - 1.23)	1.67 (1.66 - 1.68)	1.04 (1.03 - 1.06)
(California House, R, 0.25, 0.5)	1.43 (1.42 - 1.45)	1.44 (1.43 - 1.45)	1.66 (1.65 - 1.68)	1.15 (1.13 - 1.17)
(California House, R, 0.5, 0.05)	1.05 (1.03 - 1.06)	1.06 (1.05 - 1.06)	2.80 (2.78 - 2.83)	1.02 (1.01 - 1.03)
(California House, R, 0.5, 0.1)	1.09 (1.08 - 1.10)	1.10 (1.09 - 1.11)	2.81 (2.79 - 2.83)	1.05 (1.03 - 1.06)
(California House, R, 0.5, 0.2)	1.17 (1.15 - 1.19)	1.18 (1.16 - 1.19)	2.80 (2.78 - 2.83)	1.09 (1.08 - 1.10)
(California House, R, 0.5, 0.5)	1.49 (1.47 - 1.51)	1.45 (1.43 - 1.47)	2.81 (2.79 - 2.83)	1.28 (1.25 - 1.31)
(California House, R, 0.75, 0.05)	1.04 (1.03 - 1.06)	1.06 (1.05 - 1.06)	3.63 (3.61 - 3.66)	1.03 (1.02 - 1.04)
(California House, R, 0.75, 0.1)	1.09 (1.08 - 1.10)	1.10 (1.09 - 1.11)	3.63 (3.61 - 3.66)	1.07 (1.06 - 1.08)
(California House, R, 0.75, 0.2)	1.18 (1.16 - 1.19)	1.19 (1.18 - 1.21)	3.64 (3.61 - 3.66)	1.14 (1.13 - 1.16)
(California House, R, 0.75, 0.5)	1.45 (1.42 - 1.47)	1.49 (1.46 - 1.51)	3.64 (3.61 - 3.66)	1.34 (1.31 - 1.38)
(Compactiv, A, 0.05, 0.05)	1.02 (0.99 - 1.05)	1.01 (0.98 - 1.04)	1.09 (1.06 - 1.13)	0.99 (0.96 - 1.01)
(Compactiv, A, 0.05, 0.1)	1.03 (1.00 - 1.07)	1.02 (1.00 - 1.06)	1.09 (1.06 - 1.12)	0.99 (0.96 - 1.02)
(Compactiv, A, 0.05, 0.2)	1.05 (1.02 - 1.08)	1.04 (1.01 - 1.07)	1.09 (1.06 - 1.12)	0.99 (0.96 - 1.02)
(Compactiv, A, 0.05, 0.5)	1.10 (1.06 - 1.12)	1.07 (1.03 - 1.11)	1.10 (1.06 - 1.13)	0.97 (0.94 - 0.99)
(Compactiv, A, 0.1, 0.05)	1.03 (1.00 - 1.06)	1.02 (0.99 - 1.05)	1.09 (1.06 - 1.12)	1.00 (0.97 - 1.03)
(Compactiv, A, 0.1, 0.1)	1.03 (1.00 - 1.05)	1.03 (1.00 - 1.06)	1.08 (1.05 - 1.12)	0.99 (0.96 - 1.01)
(Compactiv, A, 0.1, 0.2)	1.06 (1.03 - 1.09)	1.05 (1.02 - 1.09)	1.09 (1.06 - 1.13)	0.98 (0.95 - 1.01)
(Compactiv, A, 0.1, 0.5)	1.10 (1.07 - 1.13)	1.08 (1.06 - 1.11)	1.09 (1.06 - 1.13)	0.97 (0.90 - 0.96)
(Compactiv, A, 0.25, 0.05)	1.02 (0.99 - 1.04)	1.01 (0.97 - 1.04)	1.11 (1.06 - 1.15)	0.99 (0.96 - 1.01)
(Compactiv, A, 0.25, 0.1)	1.03 (1.01 - 1.06)	1.02 (1.00 - 1.04)	1.10 (1.07 - 1.13)	0.98 (0.94 - 1.01)
(Compactiv, A, 0.25, 0.2)	1.06 (1.03 - 1.08)	1.04 (1.01 - 1.07)	1.10 (1.07 - 1.12)	0.95 (0.92 - 0.99)
(Compactiv, A, 0.25, 0.5)	1.09 (1.06 - 1.13)	1.06 (1.03 - 1.09)	1.10 (1.08 - 1.13)	0.91 (0.86 - 0.93)
(Compactiv, A, 0.5, 0.05)	1.03 (0.99 - 1.06)	1.01 (0.98 - 1.04)	1.47 (1.42 - 1.52)	0.98 (0.95 - 1.02)
(Compactiv, A, 0.5, 0.1)	1.05 (1.03 - 1.07)	1.03 (1.00 - 1.06)	1.48 (1.43 - 1.52)	0.96 (0.93 - 0.98)
(Compactiv, A, 0.5, 0.2)	1.08 (1.05 - 1.12)	1.07 (1.04 - 1.11)	1.48 (1.42 - 1.52)	0.95 (0.90 - 0.95)
(Compactiv, A, 0.5, 0.5)	1.27 (1.24 - 1.32)	1.21 (1.17 - 1.25)	1.47 (1.42 - 1.51)	0.90 (0.85 - 0.92)
(Compactiv, A, 0.75, 0.05)	1.03 (1.00 - 1.06)	1.02 (0.99 - 1.04)	1.42 (1.37 - 1.46)	0.97 (0.94 - 0.99)
(Compactiv, A, 0.75, 0.1)	1.05 (1.02 - 1.07)	1.02 (0.99 - 1.04)	1.41 (1.37 - 1.45)	0.95 (0.91 - 0.96)
(Compactiv, A, 0.75, 0.2)	1.08 (1.05 - 1.11)	1.04 (1.01 - 1.07)	1.40 (1.37 - 1.44)	0.90 (0.86 - 0.94)
(Compactiv, A, 0.75, 0.5)	1.27 (1.23 - 1.33)	1.15 (1.10 - 1.20)	1.41 (1.37 - 1.45)	0.90 (0.86 - 0.93)
(Compactiv, D, 0.05, 0.05)	0.99 (0.97 - 1.01)	0.99 (0.97 - 1.00)	1.11 (1.09 - 1.12)	0.99 (0.97 - 1.00)
(Compactiv, D, 0.05, 0.1)	0.99 (0.97 - 1.01)	1.00 (0.99 - 1.01)	1.11 (1.09 - 1.12)	1.00 (0.97 - 1.01)
(Compactiv, D, 0.05, 0.2)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.03)	1.11 (1.10 - 1.12)	1.00 (0.98 - 1.02)
(Compactiv, D, 0.05, 0.5)	1.07 (1.05 - 1.08)	1.06 (1.04 - 1.07)	1.11 (1.10 - 1.13)	1.18 (1.02 - 1.09)
(Compactiv, D, 0.1, 0.05)	0.99 (0.97 - 1.02)	0.99 (0.98 - 1.01)	1.13 (1.11 - 1.14)	0.99 (0.98 - 1.01)
(Compactiv, D, 0.1, 0.1)	1.01 (0.99 - 1.03)	1.01 (0.99 - 1.03)	1.13 (1.11 - 1.14)	1.00 (0.98 - 1.01)
(Compactiv, D, 0.1, 0.2)	1.03 (1.01 - 1.05)	1.03 (1.01 - 1.04)	1.12 (1.11 - 1.14)	1.05 (0.99 - 1.03)
(Compactiv, D, 0.1, 0.5)	1.09 (1.07 - 1.11)	1.07 (1.05 - 1.09)	1.13 (1.12 - 1.14)	1.15 (1.05 - 1.11)
(Compactiv, D, 0.25, 0.05)	0.99 (0.98 - 1.01)	1.00 (0.99 - 1.02)	1.13 (1.10 - 1.15)	1.01 (0.98 - 1.01)
(Compactiv, D, 0.25, 0.1)	1.02 (1.00 - 1.04)	1.01 (1.00 - 1.03)	1.13 (1.11 - 1.15)	1.03 (0.99 - 1.03)
(Compactiv, D, 0.25, 0.2)	1.04 (1.01 - 1.06)	1.03 (1.01 - 1.06)	1.13 (1.11 - 1.15)	1.08 (1.01 - 1.07)
(Compactiv, D, 0.25, 0.5)	1.12 (1.09 - 1.14)	1.09 (1.07 - 1.11)	1.13 (1.11 - 1.15)	1.26 (1.11 - 1.18)
(Compactiv, D, 0.5, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.02)	1.44 (1.41 - 1.46)	1.04 (0.98 - 1.03)
(Compactiv, D, 0.5, 0.1)	1.03 (1.01 - 1.05)	1.02 (1.01 - 1.04)	1.44 (1.42 - 1.46)	1.05 (1.01 - 1.06)
(Compactiv, D, 0.5, 0.2)	1.08 (1.05 - 1.10)	1.06 (1.04 - 1.08)	1.44 (1.42 - 1.46)	1.19 (1.06 - 1.13)
(Compactiv, D, 0.5, 0.5)	1.21 (1.19 - 1.23)	1.18 (1.15 - 1.21)	1.44 (1.42 - 1.46)	1.18 (1.11 - 1.20)
(Compactiv, D, 0.75, 0.05)	0.99 (0.98 - 1.01)	1.00 (0.98 - 1.01)	2.39 (2.36 - 2.42)	1.06 (0.99 - 1.05)
(Compactiv, D, 0.75, 0.1)	1.02 (1.00 - 1.04)	1.02 (1.00 - 1.04)	2.40 (2.38 - 2.42)	1.14 (1.02 - 1.08)
(Compactiv, D, 0.75, 0.2)	1.06 (1.04 - 1.08)	1.06 (1.04 - 1.08)	2.39 (2.37 - 2.42)	1.14 (1.09 - 1.16)
(Compactiv, D, 0.75, 0.5)	1.27 (1.24 - 1.30)	1.24 (1.21 - 1.27)	2.40 (2.38 - 2.43)	1.24 (1.10 - 1.20)
(Compactiv, K, 0.05, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	54.71 (54.71 - 54.71)	1.00 (1.00 - 1.01)
(Compactiv, K, 0.05, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	54.71 (54.71 - 54.71)	1.01 (1.00 - 1.01)
(Compactiv, K, 0.05, 0.2)	1.02 (1.01 - 1.02)	1.03 (1.02 - 1.04)	54.71 (54.71 - 54.71)	1.02 (1.01 - 1.02)
(Compactiv, K, 0.05, 0.5)	1.05 (1.03 - 1.05)	1.08 (1.06 - 1.10)	54.71 (54.71 - 54.71)	1.13 (1.04 - 1.21)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Compactiv, K, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	54.71 (54.71 - 54.71)	1.01 (1.00 - 1.01)
(Compactiv, K, 0.1, 0.1)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.02)	54.71 (54.71 - 54.71)	1.01 (1.01 - 1.02)
(Compactiv, K, 0.1, 0.2)	1.02 (1.01 - 1.02)	1.03 (1.02 - 1.04)	54.71 (54.71 - 54.71)	1.03 (1.02 - 1.03)
(Compactiv, K, 0.1, 0.5)	1.05 (1.03 - 1.05)	1.09 (1.06 - 1.12)	54.71 (54.71 - 54.71)	1.19 (1.12 - 1.28)
(Compactiv, K, 0.25, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	54.99 (54.99 - 54.99)	1.01 (1.01 - 1.02)
(Compactiv, K, 0.25, 0.1)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.02)	54.99 (54.99 - 54.99)	1.03 (1.02 - 1.03)
(Compactiv, K, 0.25, 0.2)	1.02 (1.01 - 1.02)	1.03 (1.02 - 1.03)	54.99 (54.99 - 54.99)	1.14 (1.04 - 1.20)
(Compactiv, K, 0.25, 0.5)	1.05 (1.03 - 1.05)	1.07 (1.05 - 1.08)	54.99 (54.99 - 54.99)	1.25 (1.17 - 1.32)
(Compactiv, K, 0.5, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	55.00 (55.00 - 55.00)	1.02 (1.01 - 1.03)
(Compactiv, K, 0.5, 0.1)	1.01 (1.01 - 1.02)	1.01 (1.01 - 1.02)	55.00 (55.00 - 55.00)	1.11 (1.04 - 1.15)
(Compactiv, K, 0.5, 0.2)	1.02 (1.01 - 1.02)	1.03 (1.02 - 1.03)	55.00 (55.00 - 55.00)	1.22 (1.15 - 1.29)
(Compactiv, K, 0.5, 0.5)	1.05 (1.03 - 1.05)	1.07 (1.05 - 1.08)	55.00 (55.00 - 55.00)	1.25 (1.18 - 1.30)
(Compactiv, K, 0.75, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.01)	55.00 (55.00 - 55.00)	1.05 (1.02 - 1.04)
(Compactiv, K, 0.75, 0.1)	1.01 (1.01 - 1.02)	1.02 (1.01 - 1.02)	55.00 (55.00 - 55.00)	1.17 (1.12 - 1.22)
(Compactiv, K, 0.75, 0.2)	1.02 (1.01 - 1.02)	1.03 (1.02 - 1.03)	55.00 (55.00 - 55.00)	1.24 (1.17 - 1.32)
(Compactiv, K, 0.75, 0.5)	1.05 (1.03 - 1.05)	1.06 (1.05 - 1.07)	55.00 (55.00 - 55.00)	1.24 (1.17 - 1.30)
(Compactiv, R, 0.05, 0.05)	1.04 (1.00 - 1.03)	1.04 (1.00 - 1.02)	1.16 (1.12 - 1.16)	1.01 (0.98 - 1.04)
(Compactiv, R, 0.05, 0.1)	1.04 (1.01 - 1.04)	1.04 (1.01 - 1.03)	1.16 (1.12 - 1.16)	1.02 (0.98 - 1.04)
(Compactiv, R, 0.05, 0.2)	1.05 (1.03 - 1.05)	1.04 (1.02 - 1.04)	1.16 (1.12 - 1.15)	1.07 (1.00 - 1.13)
(Compactiv, R, 0.05, 0.5)	1.11 (1.07 - 1.10)	1.09 (1.06 - 1.09)	1.16 (1.13 - 1.16)	1.16 (1.03 - 1.15)
(Compactiv, R, 0.1, 0.05)	1.03 (1.00 - 1.02)	1.03 (1.00 - 1.02)	1.19 (1.16 - 1.19)	1.01 (0.98 - 1.03)
(Compactiv, R, 0.1, 0.1)	1.05 (1.02 - 1.04)	1.04 (1.01 - 1.03)	1.18 (1.15 - 1.19)	1.01 (0.98 - 1.04)
(Compactiv, R, 0.1, 0.2)	1.07 (1.04 - 1.06)	1.06 (1.03 - 1.06)	1.19 (1.16 - 1.20)	1.05 (0.97 - 1.06)
(Compactiv, R, 0.1, 0.5)	1.12 (1.08 - 1.11)	1.10 (1.07 - 1.10)	1.19 (1.16 - 1.19)	1.25 (1.07 - 1.22)
(Compactiv, R, 0.25, 0.05)	1.04 (1.00 - 1.03)	1.03 (1.00 - 1.02)	1.20 (1.17 - 1.21)	1.04 (1.00 - 1.06)
(Compactiv, R, 0.25, 0.1)	1.04 (1.01 - 1.04)	1.04 (1.01 - 1.03)	1.20 (1.17 - 1.22)	1.08 (1.00 - 1.08)
(Compactiv, R, 0.25, 0.2)	1.06 (1.03 - 1.06)	1.05 (1.02 - 1.05)	1.20 (1.17 - 1.20)	1.16 (1.04 - 1.17)
(Compactiv, R, 0.25, 0.5)	1.13 (1.10 - 1.14)	1.11 (1.08 - 1.12)	1.19 (1.17 - 1.20)	1.36 (1.12 - 1.33)
(Compactiv, R, 0.5, 0.05)	1.03 (1.01 - 1.03)	1.02 (1.00 - 1.02)	1.51 (1.49 - 1.55)	1.06 (0.98 - 1.12)
(Compactiv, R, 0.5, 0.1)	1.05 (1.02 - 1.04)	1.03 (1.01 - 1.03)	1.53 (1.50 - 1.54)	1.17 (1.04 - 1.14)
(Compactiv, R, 0.5, 0.2)	1.09 (1.05 - 1.11)	1.07 (1.04 - 1.07)	1.53 (1.49 - 1.56)	1.26 (1.08 - 1.25)
(Compactiv, R, 0.5, 0.5)	1.17 (1.14 - 1.19)	1.16 (1.13 - 1.17)	1.52 (1.49 - 1.54)	1.63 (1.13 - 1.29)
(Compactiv, R, 0.75, 0.05)	1.03 (1.00 - 1.02)	1.01 (1.00 - 1.02)	2.71 (2.68 - 2.79)	1.08 (1.00 - 1.07)
(Compactiv, R, 0.75, 0.1)	1.05 (1.02 - 1.04)	1.02 (1.02 - 1.03)	2.73 (2.69 - 2.81)	1.17 (1.05 - 1.17)
(Compactiv, R, 0.75, 0.2)	1.09 (1.05 - 1.08)	1.06 (1.04 - 1.07)	2.74 (2.70 - 2.81)	1.41 (1.12 - 1.33)
(Compactiv, R, 0.75, 0.5)	1.23 (1.18 - 1.26)	1.21 (1.17 - 1.22)	2.72 (2.67 - 2.80)	1.66 (1.13 - 1.47)
(Mortgage, A, 0.05, 0.05)	1.04 (1.01 - 1.08)	1.00 (0.96 - 1.03)	1.09 (1.06 - 1.13)	1.00 (0.96 - 1.03)
(Mortgage, A, 0.05, 0.1)	1.06 (1.02 - 1.09)	1.00 (0.97 - 1.04)	1.09 (1.05 - 1.13)	1.00 (0.96 - 1.02)
(Mortgage, A, 0.05, 0.2)	1.08 (1.05 - 1.12)	1.01 (0.97 - 1.05)	1.09 (1.05 - 1.13)	1.01 (0.97 - 1.05)
(Mortgage, A, 0.05, 0.5)	1.09 (1.06 - 1.13)	1.00 (0.96 - 1.04)	1.10 (1.06 - 1.12)	1.01 (0.96 - 1.05)
(Mortgage, A, 0.1, 0.05)	1.10 (1.05 - 1.13)	1.02 (0.98 - 1.06)	1.16 (1.12 - 1.19)	1.00 (0.97 - 1.03)
(Mortgage, A, 0.1, 0.1)	1.12 (1.09 - 1.16)	1.01 (0.97 - 1.05)	1.15 (1.11 - 1.20)	0.99 (0.95 - 1.03)
(Mortgage, A, 0.1, 0.2)	1.14 (1.11 - 1.17)	1.01 (0.98 - 1.05)	1.16 (1.12 - 1.19)	1.01 (0.97 - 1.05)
(Mortgage, A, 0.1, 0.5)	1.15 (1.11 - 1.17)	1.08 (1.03 - 1.11)	1.14 (1.10 - 1.17)	1.04 (0.99 - 1.09)
(Mortgage, A, 0.25, 0.05)	1.09 (1.06 - 1.13)	1.01 (0.97 - 1.04)	1.15 (1.11 - 1.18)	1.01 (0.97 - 1.03)
(Mortgage, A, 0.25, 0.1)	1.12 (1.09 - 1.16)	1.00 (0.97 - 1.03)	1.15 (1.13 - 1.18)	1.00 (0.96 - 1.04)
(Mortgage, A, 0.25, 0.2)	1.14 (1.11 - 1.17)	1.02 (0.99 - 1.05)	1.16 (1.12 - 1.19)	1.01 (0.96 - 1.05)
(Mortgage, A, 0.25, 0.5)	1.16 (1.12 - 1.19)	1.14 (1.10 - 1.18)	1.16 (1.13 - 1.19)	1.12 (1.03 - 1.19)
(Mortgage, A, 0.5, 0.05)	1.10 (1.07 - 1.14)	1.00 (0.96 - 1.05)	1.19 (1.14 - 1.24)	1.00 (0.96 - 1.05)
(Mortgage, A, 0.5, 0.1)	1.14 (1.09 - 1.18)	1.01 (0.97 - 1.04)	1.19 (1.14 - 1.23)	1.02 (0.95 - 1.08)
(Mortgage, A, 0.5, 0.2)	1.18 (1.12 - 1.23)	1.09 (1.04 - 1.13)	1.21 (1.17 - 1.25)	1.07 (1.01 - 1.12)
(Mortgage, A, 0.5, 0.5)	1.19 (1.15 - 1.22)	1.17 (1.12 - 1.21)	1.19 (1.15 - 1.23)	1.24 (1.15 - 1.33)
(Mortgage, A, 0.75, 0.05)	1.12 (1.07 - 1.16)	1.01 (0.97 - 1.04)	1.20 (1.16 - 1.24)	1.01 (0.97 - 1.04)
(Mortgage, A, 0.75, 0.1)	1.15 (1.10 - 1.19)	1.00 (0.96 - 1.04)	1.20 (1.16 - 1.25)	1.02 (0.97 - 1.09)
(Mortgage, A, 0.75, 0.2)	1.16 (1.12 - 1.19)	0.98 (0.95 - 1.01)	1.19 (1.15 - 1.24)	1.09 (1.01 - 1.16)
(Mortgage, A, 0.75, 0.5)	1.19 (1.14 - 1.23)	1.02 (0.97 - 1.05)	1.19 (1.15 - 1.23)	1.26 (1.14 - 1.37)
(Mortgage, D, 0.05, 0.05)	1.04 (1.02 - 1.06)	1.02 (0.99 - 1.05)	1.05 (1.04 - 1.07)	1.01 (0.98 - 1.04)
(Mortgage, D, 0.05, 0.1)	1.04 (1.02 - 1.07)	1.04 (1.01 - 1.06)	1.05 (1.04 - 1.07)	1.02 (0.99 - 1.05)
(Mortgage, D, 0.05, 0.2)	1.05 (1.02 - 1.08)	1.06 (1.03 - 1.08)	1.05 (1.04 - 1.07)	1.05 (1.01 - 1.08)
(Mortgage, D, 0.05, 0.5)	1.06 (1.04 - 1.08)	1.08 (1.05 - 1.11)	1.05 (1.04 - 1.07)	1.22 (1.18 - 1.28)
(Mortgage, D, 0.1, 0.05)	1.05 (1.02 - 1.08)	1.01 (0.98 - 1.03)	1.05 (1.02 - 1.07)	1.02 (0.99 - 1.05)
(Mortgage, D, 0.1, 0.1)	1.05 (1.02 - 1.08)	1.02 (0.99 - 1.05)	1.04 (1.02 - 1.05)	1.05 (1.01 - 1.09)
(Mortgage, D, 0.1, 0.2)	1.05 (1.03 - 1.08)	1.06 (1.02 - 1.10)	1.05 (1.03 - 1.06)	1.12 (1.07 - 1.15)
(Mortgage, D, 0.1, 0.5)	1.07 (1.03 - 1.10)	1.10 (1.07 - 1.13)	1.04 (1.03 - 1.06)	1.51 (1.43 - 1.59)
(Mortgage, D, 0.25, 0.05)	0.99 (0.96 - 1.02)	1.00 (0.96 - 1.03)	0.99 (0.97 - 1.01)	1.04 (1.01 - 1.07)
(Mortgage, D, 0.25, 0.1)	0.99 (0.96 - 1.01)	1.01 (0.97 - 1.05)	0.99 (0.97 - 1.01)	1.11 (1.07 - 1.16)
(Mortgage, D, 0.25, 0.2)	1.00 (0.98 - 1.03)	1.03 (1.00 - 1.07)	0.99 (0.97 - 1.01)	1.28 (1.24 - 1.33)
(Mortgage, D, 0.25, 0.5)	1.03 (1.00 - 1.05)	1.05 (1.02 - 1.07)	0.99 (0.97 - 1.01)	2.10 (1.95 - 2.22)
(Mortgage, D, 0.5, 0.05)	1.00 (0.97 - 1.03)	1.01 (0.97 - 1.04)	0.97 (0.95 - 0.98)	1.12 (1.07 - 1.17)
(Mortgage, D, 0.5, 0.1)	0.99 (0.97 - 1.02)	1.02 (0.98 - 1.07)	0.96 (0.95 - 0.98)	1.27 (1.22 - 1.32)
(Mortgage, D, 0.5, 0.2)	1.01 (0.98 - 1.04)	1.01 (0.99 - 1.03)	0.96 (0.94 - 0.98)	1.71 (1.60 - 1.81)
(Mortgage, D, 0.5, 0.5)	1.06 (1.03 - 1.10)	1.07 (1.04 - 1.11)	0.96 (0.94 - 0.98)	2.57 (2.34 - 2.73)
(Mortgage, D, 0.75, 0.05)	1.09 (1.05 - 1.12)	1.03 (1.00 - 1.06)	1.85 (1.82 - 1.88)	1.19 (1.13 - 1.23)
(Mortgage, D, 0.75, 0.1)	1.13 (1.09 - 1.17)	1.05 (1.00 - 1.09)	1.85 (1.82 - 1.87)	1.46 (1.38 - 1.53)
(Mortgage, D, 0.75, 0.2)	1.28 (1.23 - 1.33)	1.21 (1.17 - 1.25)	1.85 (1.83 - 1.88)	2.12 (1.95 - 2.25)
(Mortgage, D, 0.75, 0.5)	1.58 (1.54 - 1.63)	1.59 (1.54 - 1.65)	1.84 (1.82 - 1.87)	2.59 (2.42 - 2.74)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Mortgage, K, 0.05, 0.05)	1.02 (1.01 - 1.04)	1.01 (1.00 - 1.01)	1.04 (1.04 - 1.04)	1.03 (1.02 - 1.04)
(Mortgage, K, 0.05, 0.1)	1.05 (1.04 - 1.07)	1.01 (1.00 - 1.02)	1.04 (1.04 - 1.04)	1.06 (1.04 - 1.08)
(Mortgage, K, 0.05, 0.2)	1.12 (1.09 - 1.14)	1.03 (1.01 - 1.04)	1.04 (1.04 - 1.04)	1.13 (1.10 - 1.15)
(Mortgage, K, 0.05, 0.5)	1.46 (1.38 - 1.53)	1.19 (1.13 - 1.25)	1.04 (1.04 - 1.04)	1.51 (1.43 - 1.57)
(Mortgage, K, 0.1, 0.05)	1.05 (1.03 - 1.07)	1.01 (1.00 - 1.01)	1.07 (1.07 - 1.07)	1.05 (1.04 - 1.07)
(Mortgage, K, 0.1, 0.1)	1.11 (1.08 - 1.13)	1.02 (1.01 - 1.02)	1.07 (1.07 - 1.07)	1.12 (1.09 - 1.14)
(Mortgage, K, 0.1, 0.2)	1.26 (1.21 - 1.30)	1.04 (1.02 - 1.06)	1.07 (1.07 - 1.07)	1.29 (1.23 - 1.33)
(Mortgage, K, 0.1, 0.5)	1.95 (1.87 - 2.04)	1.32 (1.28 - 1.37)	1.07 (1.07 - 1.07)	2.09 (2.02 - 2.17)
(Mortgage, K, 0.25, 0.05)	1.11 (1.08 - 1.13)	1.01 (1.00 - 1.02)	1.14 (1.14 - 1.14)	1.12 (1.09 - 1.14)
(Mortgage, K, 0.25, 0.1)	1.24 (1.20 - 1.30)	1.02 (1.01 - 1.04)	1.14 (1.14 - 1.14)	1.28 (1.24 - 1.32)
(Mortgage, K, 0.25, 0.2)	1.58 (1.51 - 1.66)	1.08 (1.05 - 1.09)	1.14 (1.14 - 1.14)	1.68 (1.62 - 1.75)
(Mortgage, K, 0.25, 0.5)	2.38 (2.29 - 2.47)	1.63 (1.58 - 1.67)	1.14 (1.14 - 1.14)	3.03 (2.88 - 3.15)
(Mortgage, K, 0.5, 0.05)	1.13 (1.09 - 1.15)	1.02 (1.01 - 1.03)	1.17 (1.17 - 1.17)	1.25 (1.21 - 1.29)
(Mortgage, K, 0.5, 0.1)	1.31 (1.26 - 1.35)	1.04 (1.03 - 1.05)	1.17 (1.17 - 1.17)	1.61 (1.56 - 1.68)
(Mortgage, K, 0.5, 0.2)	1.72 (1.64 - 1.80)	1.25 (1.18 - 1.30)	1.17 (1.17 - 1.17)	2.35 (2.25 - 2.43)
(Mortgage, K, 0.5, 0.5)	2.65 (2.48 - 2.83)	1.93 (1.85 - 2.01)	1.17 (1.17 - 1.17)	3.71 (3.42 - 3.88)
(Mortgage, K, 0.75, 0.05)	1.16 (1.13 - 1.19)	1.01 (1.00 - 1.03)	1.22 (1.22 - 1.22)	1.43 (1.37 - 1.48)
(Mortgage, K, 0.75, 0.1)	1.37 (1.32 - 1.42)	1.07 (1.05 - 1.09)	1.22 (1.22 - 1.22)	1.97 (1.89 - 2.05)
(Mortgage, K, 0.75, 0.2)	1.83 (1.75 - 1.89)	1.39 (1.33 - 1.44)	1.22 (1.22 - 1.22)	2.94 (2.81 - 3.05)
(Mortgage, K, 0.75, 0.5)	2.66 (2.52 - 2.80)	1.95 (1.87 - 2.04)	1.22 (1.22 - 1.22)	3.74 (3.47 - 3.91)
(Mortgage, R, 0.05, 0.05)	1.04 (1.01 - 1.07)	1.01 (0.99 - 1.03)	1.10 (1.07 - 1.13)	1.01 (0.98 - 1.05)
(Mortgage, R, 0.05, 0.1)	1.05 (1.03 - 1.08)	1.02 (0.99 - 1.04)	1.10 (1.07 - 1.12)	1.04 (1.00 - 1.08)
(Mortgage, R, 0.05, 0.2)	1.07 (1.05 - 1.10)	1.05 (1.02 - 1.07)	1.10 (1.07 - 1.12)	1.10 (1.05 - 1.15)
(Mortgage, R, 0.05, 0.5)	1.10 (1.08 - 1.12)	1.08 (1.06 - 1.11)	1.11 (1.09 - 1.13)	1.28 (1.22 - 1.34)
(Mortgage, R, 0.1, 0.05)	1.07 (1.05 - 1.10)	1.02 (0.99 - 1.04)	1.16 (1.13 - 1.19)	1.03 (0.99 - 1.07)
(Mortgage, R, 0.1, 0.1)	1.09 (1.07 - 1.12)	1.04 (1.01 - 1.07)	1.16 (1.13 - 1.19)	1.09 (1.04 - 1.13)
(Mortgage, R, 0.1, 0.2)	1.12 (1.09 - 1.16)	1.07 (1.04 - 1.10)	1.16 (1.13 - 1.19)	1.18 (1.14 - 1.22)
(Mortgage, R, 0.1, 0.5)	1.17 (1.13 - 1.20)	1.16 (1.12 - 1.20)	1.17 (1.13 - 1.21)	1.63 (1.56 - 1.71)
(Mortgage, R, 0.25, 0.05)	1.06 (1.03 - 1.08)	1.01 (0.99 - 1.04)	1.16 (1.12 - 1.19)	1.09 (1.04 - 1.13)
(Mortgage, R, 0.25, 0.1)	1.08 (1.04 - 1.10)	1.03 (1.00 - 1.06)	1.16 (1.12 - 1.19)	1.16 (1.11 - 1.21)
(Mortgage, R, 0.25, 0.2)	1.11 (1.08 - 1.14)	1.08 (1.05 - 1.11)	1.15 (1.12 - 1.19)	1.37 (1.31 - 1.44)
(Mortgage, R, 0.25, 0.5)	1.18 (1.14 - 1.21)	1.19 (1.15 - 1.23)	1.16 (1.13 - 1.19)	2.15 (2.00 - 2.27)
(Mortgage, R, 0.5, 0.05)	1.06 (1.02 - 1.09)	1.03 (1.00 - 1.06)	1.19 (1.15 - 1.23)	1.17 (1.11 - 1.23)
(Mortgage, R, 0.5, 0.1)	1.09 (1.06 - 1.13)	1.06 (1.02 - 1.11)	1.19 (1.15 - 1.22)	1.34 (1.28 - 1.41)
(Mortgage, R, 0.5, 0.2)	1.13 (1.09 - 1.16)	1.11 (1.07 - 1.14)	1.18 (1.15 - 1.21)	1.78 (1.67 - 1.89)
(Mortgage, R, 0.5, 0.5)	1.21 (1.17 - 1.25)	1.21 (1.17 - 1.25)	1.19 (1.15 - 1.22)	2.70 (2.49 - 2.84)
(Mortgage, R, 0.75, 0.05)	1.14 (1.10 - 1.17)	1.04 (1.01 - 1.07)	2.08 (2.03 - 2.13)	1.24 (1.19 - 1.27)
(Mortgage, R, 0.75, 0.1)	1.22 (1.17 - 1.25)	1.10 (1.07 - 1.13)	2.09 (2.03 - 2.14)	1.53 (1.44 - 1.60)
(Mortgage, R, 0.75, 0.2)	1.33 (1.29 - 1.37)	1.27 (1.23 - 1.31)	2.09 (2.04 - 2.13)	2.15 (2.00 - 2.24)
(Mortgage, R, 0.75, 0.5)	1.65 (1.60 - 1.71)	1.69 (1.64 - 1.75)	2.09 (2.05 - 2.15)	2.73 (2.52 - 2.90)
(Wankara, A, 0.05, 0.05)	1.16 (1.10 - 1.23)	1.03 (0.97 - 1.08)	2.07 (2.01 - 2.12)	1.01 (0.97 - 1.05)
(Wankara, A, 0.05, 0.1)	1.34 (1.28 - 1.40)	1.04 (0.99 - 1.09)	2.07 (2.01 - 2.12)	1.01 (0.98 - 1.06)
(Wankara, A, 0.05, 0.2)	1.52 (1.45 - 1.58)	1.08 (1.03 - 1.13)	2.06 (2.01 - 2.11)	1.04 (0.99 - 1.08)
(Wankara, A, 0.05, 0.5)	1.83 (1.77 - 1.89)	1.24 (1.18 - 1.30)	2.07 (2.02 - 2.12)	1.13 (1.06 - 1.20)
(Wankara, A, 0.1, 0.05)	1.13 (1.06 - 1.22)	1.01 (0.95 - 1.06)	2.05 (2.00 - 2.11)	1.01 (0.97 - 1.04)
(Wankara, A, 0.1, 0.1)	1.34 (1.27 - 1.40)	1.06 (1.00 - 1.11)	2.07 (2.01 - 2.11)	1.02 (0.97 - 1.07)
(Wankara, A, 0.1, 0.2)	1.55 (1.48 - 1.62)	1.11 (1.05 - 1.15)	2.07 (2.02 - 2.12)	1.04 (0.98 - 1.10)
(Wankara, A, 0.1, 0.5)	1.83 (1.78 - 1.88)	1.24 (1.18 - 1.31)	2.07 (2.03 - 2.11)	1.11 (1.04 - 1.19)
(Wankara, A, 0.25, 0.05)	1.06 (1.00 - 1.12)	1.06 (1.01 - 1.11)	3.55 (3.44 - 3.64)	1.02 (0.99 - 1.05)
(Wankara, A, 0.25, 0.1)	1.18 (1.10 - 1.25)	1.16 (1.07 - 1.22)	3.53 (3.42 - 3.64)	1.04 (0.98 - 1.09)
(Wankara, A, 0.25, 0.2)	1.34 (1.25 - 1.44)	1.34 (1.25 - 1.44)	3.53 (3.42 - 3.62)	1.13 (1.06 - 1.20)
(Wankara, A, 0.25, 0.5)	2.03 (1.85 - 2.21)	1.97 (1.79 - 2.11)	3.56 (3.47 - 3.64)	1.55 (1.40 - 1.68)
(Wankara, A, 0.5, 0.05)	1.07 (1.01 - 1.13)	1.07 (1.01 - 1.13)	3.94 (3.81 - 4.06)	1.04 (0.99 - 1.08)
(Wankara, A, 0.5, 0.1)	1.17 (1.09 - 1.24)	1.17 (1.11 - 1.24)	3.96 (3.85 - 4.08)	1.10 (1.03 - 1.17)
(Wankara, A, 0.5, 0.2)	1.39 (1.29 - 1.49)	1.38 (1.28 - 1.47)	3.93 (3.79 - 4.08)	1.24 (1.14 - 1.32)
(Wankara, A, 0.5, 0.5)	2.14 (1.94 - 2.30)	2.11 (1.93 - 2.26)	3.95 (3.82 - 4.08)	1.95 (1.65 - 2.13)
(Wankara, A, 0.75, 0.05)	1.07 (1.01 - 1.15)	1.09 (1.01 - 1.14)	7.17 (7.03 - 7.34)	1.05 (0.99 - 1.09)
(Wankara, A, 0.75, 0.1)	1.20 (1.12 - 1.26)	1.18 (1.10 - 1.24)	7.19 (6.98 - 7.39)	1.15 (1.06 - 1.23)
(Wankara, A, 0.75, 0.2)	1.41 (1.26 - 1.55)	1.38 (1.26 - 1.49)	7.18 (6.98 - 7.36)	1.36 (1.21 - 1.46)
(Wankara, A, 0.75, 0.5)	2.28 (2.05 - 2.48)	2.21 (1.99 - 2.39)	7.17 (7.00 - 7.37)	2.13 (1.91 - 2.34)
(Wankara, D, 0.05, 0.05)	1.02 (0.97 - 1.07)	0.99 (0.93 - 1.05)	1.86 (1.82 - 1.91)	0.94 (0.90 - 0.98)
(Wankara, D, 0.05, 0.1)	1.12 (1.05 - 1.17)	1.03 (0.98 - 1.09)	1.87 (1.82 - 1.91)	0.93 (0.89 - 0.96)
(Wankara, D, 0.05, 0.2)	1.22 (1.15 - 1.28)	1.10 (1.04 - 1.16)	1.85 (1.80 - 1.91)	0.95 (0.90 - 1.00)
(Wankara, D, 0.05, 0.5)	1.57 (1.49 - 1.66)	1.28 (1.20 - 1.35)	1.86 (1.83 - 1.90)	1.10 (1.04 - 1.14)
(Wankara, D, 0.1, 0.05)	1.03 (0.98 - 1.08)	1.00 (0.96 - 1.05)	1.86 (1.80 - 1.91)	0.94 (0.89 - 0.99)
(Wankara, D, 0.1, 0.1)	1.11 (1.05 - 1.17)	1.03 (0.97 - 1.09)	1.86 (1.81 - 1.90)	0.93 (0.88 - 0.98)
(Wankara, D, 0.1, 0.2)	1.23 (1.17 - 1.28)	1.10 (1.04 - 1.15)	1.86 (1.81 - 1.90)	0.95 (0.90 - 0.99)
(Wankara, D, 0.1, 0.5)	1.55 (1.46 - 1.62)	1.28 (1.22 - 1.35)	1.86 (1.82 - 1.91)	1.11 (1.02 - 1.21)
(Wankara, D, 0.25, 0.05)	1.04 (0.98 - 1.10)	1.02 (0.96 - 1.06)	3.00 (2.91 - 3.06)	0.94 (0.90 - 0.99)
(Wankara, D, 0.25, 0.1)	1.10 (1.02 - 1.17)	1.10 (1.03 - 1.18)	2.99 (2.92 - 3.06)	0.98 (0.94 - 1.02)
(Wankara, D, 0.25, 0.2)	1.28 (1.18 - 1.38)	1.29 (1.19 - 1.38)	3.00 (2.90 - 3.09)	1.12 (1.04 - 1.19)
(Wankara, D, 0.25, 0.5)	1.85 (1.71 - 1.97)	1.78 (1.61 - 1.88)	3.00 (2.93 - 3.06)	1.55 (1.42 - 1.66)
(Wankara, D, 0.5, 0.05)	1.04 (0.99 - 1.10)	1.04 (0.97 - 1.09)	2.88 (2.81 - 2.94)	0.97 (0.91 - 1.04)
(Wankara, D, 0.5, 0.1)	1.13 (1.06 - 1.19)	1.12 (1.04 - 1.20)	2.87 (2.79 - 2.96)	1.06 (0.99 - 1.10)
(Wankara, D, 0.5, 0.2)	1.23 (1.14 - 1.32)	1.25 (1.17 - 1.31)	2.86 (2.79 - 2.93)	1.22 (1.13 - 1.33)
(Wankara, D, 0.5, 0.5)	1.89 (1.72 - 2.02)	1.87 (1.69 - 2.03)	2.87 (2.78 - 2.93)	1.91 (1.72 - 2.03)

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	Naïve	Neighbors	No Columns	No Rows
(Wankara, D, 0.75, 0.05)	1.04 (0.97 - 1.08)	1.04 (0.98 - 1.09)	6.09 (5.95 - 6.23)	0.99 (0.95 - 1.03)
(Wankara, D, 0.75, 0.1)	1.12 (1.04 - 1.19)	1.12 (1.06 - 1.18)	6.06 (5.94 - 6.19)	1.12 (1.04 - 1.20)
(Wankara, D, 0.75, 0.2)	1.26 (1.18 - 1.34)	1.30 (1.19 - 1.40)	6.09 (5.98 - 6.20)	1.40 (1.28 - 1.48)
(Wankara, D, 0.75, 0.5)	1.76 (1.58 - 1.95)	1.80 (1.64 - 1.99)	6.04 (5.93 - 6.16)	2.13 (1.85 - 2.37)
(Wankara, K, 0.05, 0.05)	1.09 (1.06 - 1.12)	1.04 (1.02 - 1.06)	2.62 (2.62 - 2.62)	1.03 (1.01 - 1.04)
(Wankara, K, 0.05, 0.1)	1.17 (1.13 - 1.20)	1.07 (1.04 - 1.09)	2.62 (2.62 - 2.62)	1.05 (1.02 - 1.07)
(Wankara, K, 0.05, 0.2)	1.29 (1.24 - 1.33)	1.11 (1.08 - 1.15)	2.62 (2.62 - 2.62)	1.08 (1.04 - 1.12)
(Wankara, K, 0.05, 0.5)	1.51 (1.44 - 1.56)	1.27 (1.21 - 1.33)	2.62 (2.62 - 2.62)	1.19 (1.13 - 1.25)
(Wankara, K, 0.1, 0.05)	1.09 (1.06 - 1.11)	1.03 (1.01 - 1.06)	2.62 (2.62 - 2.62)	1.02 (1.00 - 1.04)
(Wankara, K, 0.1, 0.1)	1.16 (1.13 - 1.20)	1.06 (1.04 - 1.09)	2.62 (2.62 - 2.62)	1.04 (1.02 - 1.06)
(Wankara, K, 0.1, 0.2)	1.29 (1.25 - 1.33)	1.12 (1.09 - 1.15)	2.62 (2.62 - 2.62)	1.08 (1.04 - 1.11)
(Wankara, K, 0.1, 0.5)	1.52 (1.46 - 1.58)	1.27 (1.21 - 1.32)	2.62 (2.62 - 2.62)	1.20 (1.14 - 1.27)
(Wankara, K, 0.25, 0.05)	1.13 (1.08 - 1.16)	1.09 (1.06 - 1.12)	8.76 (8.76 - 8.76)	1.05 (1.02 - 1.08)
(Wankara, K, 0.25, 0.1)	1.24 (1.20 - 1.28)	1.20 (1.15 - 1.25)	8.76 (8.76 - 8.76)	1.11 (1.06 - 1.14)
(Wankara, K, 0.25, 0.2)	1.41 (1.35 - 1.46)	1.36 (1.30 - 1.41)	8.76 (8.76 - 8.76)	1.16 (1.11 - 1.23)
(Wankara, K, 0.25, 0.5)	2.00 (1.88 - 2.10)	1.97 (1.84 - 2.07)	8.76 (8.76 - 8.76)	1.70 (1.52 - 1.83)
(Wankara, K, 0.5, 0.05)	1.12 (1.08 - 1.15)	1.10 (1.07 - 1.14)	10.66 (10.66 - 10.66)	1.07 (1.04 - 1.11)
(Wankara, K, 0.5, 0.1)	1.24 (1.19 - 1.29)	1.22 (1.17 - 1.26)	10.66 (10.66 - 10.66)	1.15 (1.10 - 1.19)
(Wankara, K, 0.5, 0.2)	1.42 (1.36 - 1.49)	1.37 (1.30 - 1.44)	10.66 (10.66 - 10.66)	1.32 (1.24 - 1.37)
(Wankara, K, 0.5, 0.5)	1.99 (1.85 - 2.11)	1.99 (1.85 - 2.10)	10.66 (10.66 - 10.66)	2.21 (1.89 - 2.37)
(Wankara, K, 0.75, 0.05)	1.12 (1.08 - 1.14)	1.10 (1.06 - 1.14)	10.74 (10.74 - 10.74)	1.09 (1.05 - 1.12)
(Wankara, K, 0.75, 0.1)	1.24 (1.19 - 1.28)	1.21 (1.15 - 1.25)	10.74 (10.74 - 10.74)	1.17 (1.11 - 1.22)
(Wankara, K, 0.75, 0.2)	1.44 (1.37 - 1.50)	1.39 (1.34 - 1.44)	10.74 (10.74 - 10.74)	1.50 (1.35 - 1.63)
(Wankara, K, 0.75, 0.5)	1.99 (1.87 - 2.07)	1.97 (1.83 - 2.04)	10.74 (10.74 - 10.74)	2.42 (2.11 - 2.67)
(Wankara, R, 0.05, 0.05)	1.00 (0.95 - 1.05)	1.03 (1.00 - 1.06)	2.27 (2.19 - 2.34)	1.01 (0.97 - 1.05)
(Wankara, R, 0.05, 0.1)	1.11 (1.02 - 1.19)	1.07 (1.02 - 1.10)	2.29 (2.21 - 2.38)	1.03 (0.98 - 1.08)
(Wankara, R, 0.05, 0.2)	1.31 (1.24 - 1.38)	1.11 (1.04 - 1.16)	2.30 (2.19 - 2.40)	1.07 (1.00 - 1.13)
(Wankara, R, 0.05, 0.5)	1.78 (1.66 - 1.89)	1.34 (1.25 - 1.41)	2.28 (2.21 - 2.35)	1.22 (1.14 - 1.29)
(Wankara, R, 0.1, 0.05)	1.01 (0.95 - 1.05)	1.03 (0.99 - 1.06)	2.30 (2.19 - 2.39)	1.03 (0.99 - 1.07)
(Wankara, R, 0.1, 0.1)	1.10 (1.02 - 1.18)	1.05 (1.01 - 1.10)	2.29 (2.20 - 2.38)	1.04 (0.99 - 1.09)
(Wankara, R, 0.1, 0.2)	1.32 (1.24 - 1.39)	1.11 (1.06 - 1.16)	2.28 (2.18 - 2.37)	1.07 (1.03 - 1.11)
(Wankara, R, 0.1, 0.5)	1.77 (1.68 - 1.86)	1.35 (1.27 - 1.41)	2.29 (2.20 - 2.38)	1.24 (1.17 - 1.31)
(Wankara, R, 0.25, 0.05)	1.03 (0.98 - 1.07)	1.01 (0.96 - 1.08)	3.88 (3.72 - 4.05)	1.05 (1.00 - 1.10)
(Wankara, R, 0.25, 0.1)	1.11 (1.05 - 1.17)	1.09 (1.03 - 1.16)	3.91 (3.72 - 4.08)	1.12 (1.04 - 1.17)
(Wankara, R, 0.25, 0.2)	1.21 (1.15 - 1.28)	1.24 (1.16 - 1.32)	3.92 (3.78 - 4.07)	1.22 (1.13 - 1.28)
(Wankara, R, 0.25, 0.5)	1.89 (1.74 - 2.03)	1.83 (1.68 - 1.94)	3.94 (3.75 - 4.14)	1.81 (1.61 - 1.97)
(Wankara, R, 0.5, 0.05)	1.04 (0.99 - 1.09)	1.03 (0.99 - 1.07)	3.75 (3.61 - 3.93)	1.06 (1.01 - 1.12)
(Wankara, R, 0.5, 0.1)	1.10 (1.04 - 1.17)	1.10 (1.04 - 1.16)	3.74 (3.61 - 3.87)	1.17 (1.09 - 1.23)
(Wankara, R, 0.5, 0.2)	1.23 (1.15 - 1.31)	1.29 (1.20 - 1.37)	3.72 (3.59 - 3.84)	1.40 (1.28 - 1.50)
(Wankara, R, 0.5, 0.5)	1.97 (1.79 - 2.14)	1.97 (1.83 - 2.14)	3.75 (3.59 - 3.89)	2.31 (2.04 - 2.54)
(Wankara, R, 0.75, 0.05)	1.04 (0.99 - 1.09)	1.04 (0.99 - 1.09)	9.50 (9.17 - 9.86)	1.10 (1.05 - 1.15)
(Wankara, R, 0.75, 0.1)	1.11 (1.05 - 1.16)	1.14 (1.09 - 1.19)	9.53 (9.24 - 9.90)	1.24 (1.13 - 1.34)
(Wankara, R, 0.75, 0.2)	1.27 (1.19 - 1.34)	1.30 (1.22 - 1.38)	9.43 (9.18 - 9.74)	1.55 (1.38 - 1.69)
(Wankara, R, 0.75, 0.5)	1.83 (1.70 - 1.93)	1.84 (1.70 - 1.93)	9.54 (9.20 - 9.84)	2.55 (2.11 - 2.93)
(Wine Quality, A, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.06 (1.04 - 1.07)	1.00 (0.98 - 1.01)
(Wine Quality, A, 0.05, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.06 (1.05 - 1.07)	1.00 (0.99 - 1.01)
(Wine Quality, A, 0.05, 0.2)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.03)	1.06 (1.04 - 1.07)	1.00 (0.98 - 1.02)
(Wine Quality, A, 0.05, 0.5)	1.03 (1.01 - 1.04)	1.02 (1.01 - 1.04)	1.06 (1.04 - 1.07)	1.01 (0.99 - 1.03)
(Wine Quality, A, 0.1, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.01)	1.14 (1.13 - 1.15)	1.00 (0.99 - 1.02)
(Wine Quality, A, 0.1, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.14 (1.13 - 1.15)	1.00 (0.99 - 1.02)
(Wine Quality, A, 0.1, 0.2)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.02)	1.14 (1.13 - 1.15)	1.00 (0.98 - 1.02)
(Wine Quality, A, 0.1, 0.5)	1.03 (1.01 - 1.05)	1.03 (1.01 - 1.05)	1.14 (1.12 - 1.15)	1.02 (0.99 - 1.04)
(Wine Quality, A, 0.25, 0.05)	1.00 (0.98 - 1.02)	1.00 (0.99 - 1.01)	1.15 (1.14 - 1.16)	1.00 (0.99 - 1.02)
(Wine Quality, A, 0.25, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.15 (1.14 - 1.16)	1.00 (0.99 - 1.02)
(Wine Quality, A, 0.25, 0.2)	1.02 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.15 (1.14 - 1.16)	1.01 (0.98 - 1.03)
(Wine Quality, A, 0.25, 0.5)	1.05 (1.03 - 1.06)	1.04 (1.02 - 1.06)	1.15 (1.14 - 1.16)	1.04 (1.01 - 1.06)
(Wine Quality, A, 0.5, 0.05)	1.01 (0.99 - 1.02)	1.01 (0.99 - 1.02)	1.17 (1.16 - 1.19)	1.01 (0.99 - 1.02)
(Wine Quality, A, 0.5, 0.1)	1.01 (0.99 - 1.02)	1.00 (0.98 - 1.02)	1.17 (1.15 - 1.18)	1.01 (0.98 - 1.03)
(Wine Quality, A, 0.5, 0.2)	1.02 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.17 (1.16 - 1.18)	1.02 (1.00 - 1.05)
(Wine Quality, A, 0.5, 0.5)	1.04 (1.02 - 1.06)	1.03 (1.02 - 1.05)	1.17 (1.16 - 1.18)	1.07 (1.05 - 1.09)
(Wine Quality, A, 0.75, 0.05)	1.00 (0.99 - 1.02)	1.00 (0.98 - 1.01)	1.14 (1.13 - 1.16)	1.01 (0.98 - 1.02)
(Wine Quality, A, 0.75, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.14 (1.13 - 1.16)	1.01 (0.98 - 1.03)
(Wine Quality, A, 0.75, 0.2)	1.01 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.15 (1.13 - 1.16)	1.04 (1.02 - 1.06)
(Wine Quality, A, 0.75, 0.5)	1.04 (1.02 - 1.07)	1.03 (1.01 - 1.05)	1.14 (1.13 - 1.15)	1.07 (1.04 - 1.09)
(Wine Quality, D, 0.05, 0.05)	0.93 (0.90 - 0.96)	0.94 (0.92 - 0.97)	0.95 (0.93 - 0.96)	0.95 (0.92 - 0.97)
(Wine Quality, D, 0.05, 0.1)	0.94 (0.91 - 0.97)	0.95 (0.92 - 0.98)	0.96 (0.94 - 0.97)	0.95 (0.91 - 0.98)
(Wine Quality, D, 0.05, 0.2)	0.95 (0.92 - 0.97)	0.96 (0.92 - 0.99)	0.95 (0.93 - 0.97)	0.96 (0.93 - 1.00)
(Wine Quality, D, 0.05, 0.5)	0.97 (0.94 - 1.00)	0.99 (0.95 - 1.02)	0.95 (0.94 - 0.97)	1.03 (1.00 - 1.07)
(Wine Quality, D, 0.1, 0.05)	0.94 (0.90 - 0.97)	0.94 (0.90 - 0.96)	0.98 (0.96 - 0.99)	0.95 (0.92 - 0.98)
(Wine Quality, D, 0.1, 0.1)	0.95 (0.92 - 0.98)	0.95 (0.92 - 0.98)	0.97 (0.95 - 0.99)	0.97 (0.93 - 1.00)
(Wine Quality, D, 0.1, 0.2)	0.96 (0.93 - 0.99)	0.98 (0.95 - 1.00)	0.97 (0.95 - 0.99)	1.00 (0.96 - 1.03)
(Wine Quality, D, 0.1, 0.5)	1.00 (0.96 - 1.03)	1.03 (0.99 - 1.06)	0.98 (0.96 - 1.00)	1.08 (1.03 - 1.13)
(Wine Quality, D, 0.25, 0.05)	0.95 (0.92 - 0.99)	0.95 (0.92 - 0.99)	1.15 (1.13 - 1.16)	0.96 (0.93 - 0.98)
(Wine Quality, D, 0.25, 0.1)	0.96 (0.93 - 0.99)	0.96 (0.92 - 0.99)	1.15 (1.13 - 1.16)	0.98 (0.94 - 1.01)
(Wine Quality, D, 0.25, 0.2)	1.00 (0.97 - 1.03)	0.99 (0.96 - 1.03)	1.15 (1.13 - 1.17)	1.02 (0.98 - 1.06)
(Wine Quality, D, 0.25, 0.5)	1.09 (1.05 - 1.13)	1.10 (1.05 - 1.13)	1.15 (1.13 - 1.17)	1.14 (1.09 - 1.18)

Continued on next page

	Naïve	Neighbors	No Columns	No Rows
(Wine Quality, D, 0.5, 0.05)	0.94 (0.92 - 0.97)	0.94 (0.91 - 0.97)	1.17 (1.15 - 1.19)	0.97 (0.94 - 1.00)
(Wine Quality, D, 0.5, 0.1)	0.98 (0.95 - 1.00)	0.97 (0.94 - 1.00)	1.18 (1.16 - 1.20)	1.02 (0.99 - 1.05)
(Wine Quality, D, 0.5, 0.2)	1.02 (0.98 - 1.05)	1.01 (0.97 - 1.04)	1.17 (1.16 - 1.19)	1.08 (1.04 - 1.13)
(Wine Quality, D, 0.5, 0.5)	1.15 (1.10 - 1.18)	1.15 (1.12 - 1.19)	1.17 (1.16 - 1.18)	1.18 (1.11 - 1.25)
(Wine Quality, D, 0.75, 0.05)	0.96 (0.93 - 0.99)	0.95 (0.91 - 0.98)	1.35 (1.34 - 1.37)	1.00 (0.97 - 1.03)
(Wine Quality, D, 0.75, 0.1)	0.98 (0.95 - 1.01)	0.98 (0.94 - 1.01)	1.35 (1.33 - 1.37)	1.05 (1.01 - 1.09)
(Wine Quality, D, 0.75, 0.2)	1.04 (1.01 - 1.08)	1.03 (1.00 - 1.07)	1.35 (1.34 - 1.37)	1.14 (1.09 - 1.19)
(Wine Quality, D, 0.75, 0.5)	1.19 (1.14 - 1.24)	1.20 (1.14 - 1.25)	1.35 (1.33 - 1.37)	1.19 (1.11 - 1.24)
(Wine Quality, K, 0.05, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.10 (1.10 - 1.10)	1.01 (1.00 - 1.01)
(Wine Quality, K, 0.05, 0.1)	1.01 (1.00 - 1.01)	1.01 (1.01 - 1.02)	1.10 (1.10 - 1.10)	1.02 (1.01 - 1.02)
(Wine Quality, K, 0.05, 0.2)	1.02 (1.01 - 1.02)	1.02 (1.02 - 1.02)	1.10 (1.10 - 1.10)	1.03 (1.02 - 1.04)
(Wine Quality, K, 0.05, 0.5)	1.04 (1.04 - 1.05)	1.05 (1.04 - 1.05)	1.10 (1.10 - 1.10)	1.06 (1.05 - 1.07)
(Wine Quality, K, 0.1, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.07 (1.07 - 1.07)	1.01 (1.01 - 1.02)
(Wine Quality, K, 0.1, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.07 (1.07 - 1.07)	1.03 (1.02 - 1.04)
(Wine Quality, K, 0.1, 0.2)	1.03 (1.02 - 1.03)	1.02 (1.02 - 1.03)	1.07 (1.07 - 1.07)	1.05 (1.04 - 1.06)
(Wine Quality, K, 0.1, 0.5)	1.04 (1.04 - 1.05)	1.05 (1.04 - 1.06)	1.07 (1.07 - 1.07)	1.08 (1.07 - 1.10)
(Wine Quality, K, 0.25, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.08 (1.08 - 1.08)	1.02 (1.02 - 1.03)
(Wine Quality, K, 0.25, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.08 (1.08 - 1.08)	1.04 (1.03 - 1.05)
(Wine Quality, K, 0.25, 0.2)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.03)	1.08 (1.08 - 1.08)	1.06 (1.05 - 1.07)
(Wine Quality, K, 0.25, 0.5)	1.05 (1.04 - 1.06)	1.05 (1.04 - 1.06)	1.08 (1.08 - 1.08)	1.10 (1.09 - 1.12)
(Wine Quality, K, 0.5, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.10 (1.10 - 1.10)	1.04 (1.03 - 1.05)
(Wine Quality, K, 0.5, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.02)	1.10 (1.10 - 1.10)	1.06 (1.05 - 1.07)
(Wine Quality, K, 0.5, 0.2)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.04)	1.10 (1.10 - 1.10)	1.09 (1.07 - 1.10)
(Wine Quality, K, 0.5, 0.5)	1.05 (1.04 - 1.06)	1.06 (1.04 - 1.07)	1.10 (1.10 - 1.10)	1.13 (1.11 - 1.15)
(Wine Quality, K, 0.75, 0.05)	1.01 (1.00 - 1.01)	1.01 (1.00 - 1.01)	1.11 (1.11 - 1.11)	1.06 (1.05 - 1.06)
(Wine Quality, K, 0.75, 0.1)	1.02 (1.01 - 1.02)	1.02 (1.01 - 1.03)	1.11 (1.11 - 1.11)	1.07 (1.06 - 1.09)
(Wine Quality, K, 0.75, 0.2)	1.03 (1.02 - 1.04)	1.03 (1.02 - 1.04)	1.11 (1.11 - 1.11)	1.10 (1.08 - 1.12)
(Wine Quality, K, 0.75, 0.5)	1.05 (1.04 - 1.06)	1.05 (1.04 - 1.06)	1.11 (1.11 - 1.11)	1.13 (1.11 - 1.16)
(Wine Quality, R, 0.05, 0.05)	1.00 (0.99 - 1.01)	1.00 (0.99 - 1.01)	1.04 (1.03 - 1.06)	1.00 (0.99 - 1.02)
(Wine Quality, R, 0.05, 0.1)	1.00 (0.99 - 1.02)	1.00 (0.99 - 1.02)	1.04 (1.03 - 1.06)	1.01 (1.00 - 1.03)
(Wine Quality, R, 0.05, 0.2)	1.01 (1.00 - 1.02)	1.01 (0.99 - 1.02)	1.04 (1.02 - 1.05)	1.03 (1.01 - 1.04)
(Wine Quality, R, 0.05, 0.5)	1.02 (1.01 - 1.04)	1.03 (1.01 - 1.04)	1.04 (1.03 - 1.06)	1.07 (1.05 - 1.09)
(Wine Quality, R, 0.1, 0.05)	1.01 (0.99 - 1.02)	1.01 (1.00 - 1.02)	1.12 (1.10 - 1.13)	1.01 (1.00 - 1.03)
(Wine Quality, R, 0.1, 0.1)	1.01 (1.00 - 1.03)	1.01 (1.00 - 1.03)	1.11 (1.10 - 1.13)	1.02 (1.01 - 1.04)
(Wine Quality, R, 0.1, 0.2)	1.02 (1.01 - 1.04)	1.03 (1.02 - 1.05)	1.12 (1.10 - 1.13)	1.05 (1.03 - 1.07)
(Wine Quality, R, 0.1, 0.5)	1.05 (1.03 - 1.07)	1.07 (1.05 - 1.09)	1.12 (1.10 - 1.13)	1.13 (1.11 - 1.15)
(Wine Quality, R, 0.25, 0.05)	1.01 (1.00 - 1.03)	1.01 (0.99 - 1.03)	1.20 (1.18 - 1.21)	1.02 (1.00 - 1.03)
(Wine Quality, R, 0.25, 0.1)	1.02 (1.01 - 1.03)	1.02 (1.01 - 1.04)	1.20 (1.18 - 1.21)	1.04 (1.02 - 1.05)
(Wine Quality, R, 0.25, 0.2)	1.04 (1.02 - 1.05)	1.05 (1.03 - 1.06)	1.20 (1.17 - 1.22)	1.07 (1.05 - 1.08)
(Wine Quality, R, 0.25, 0.5)	1.10 (1.08 - 1.12)	1.12 (1.09 - 1.14)	1.20 (1.18 - 1.21)	1.16 (1.14 - 1.18)
(Wine Quality, R, 0.5, 0.05)	1.02 (1.01 - 1.03)	1.01 (1.00 - 1.02)	1.26 (1.24 - 1.28)	1.04 (1.02 - 1.06)
(Wine Quality, R, 0.5, 0.1)	1.03 (1.01 - 1.05)	1.03 (1.01 - 1.05)	1.26 (1.24 - 1.27)	1.07 (1.05 - 1.09)
(Wine Quality, R, 0.5, 0.2)	1.06 (1.04 - 1.07)	1.05 (1.03 - 1.06)	1.25 (1.24 - 1.27)	1.12 (1.10 - 1.14)
(Wine Quality, R, 0.5, 0.5)	1.14 (1.12 - 1.16)	1.13 (1.11 - 1.15)	1.25 (1.23 - 1.27)	1.20 (1.17 - 1.23)
(Wine Quality, R, 0.75, 0.05)	1.02 (1.00 - 1.03)	1.02 (1.00 - 1.03)	1.48 (1.46 - 1.50)	1.06 (1.04 - 1.08)
(Wine Quality, R, 0.75, 0.1)	1.03 (1.01 - 1.05)	1.03 (1.01 - 1.05)	1.48 (1.46 - 1.50)	1.10 (1.08 - 1.12)
(Wine Quality, R, 0.75, 0.2)	1.07 (1.05 - 1.09)	1.06 (1.04 - 1.08)	1.48 (1.46 - 1.50)	1.16 (1.13 - 1.18)
(Wine Quality, R, 0.75, 0.5)	1.16 (1.13 - 1.19)	1.15 (1.13 - 1.18)	1.48 (1.46 - 1.50)	1.22 (1.18 - 1.25)

Appendix B

Importance Rank

In this chapter there are two tables representing the full importance rank for the classification and regression databases. One rank was calculated for each database/estimator pair

Table B.1: Classification Importance Rank

Adult	D	0.97	2 (78.51), 7 (79.81), 3 (80.06), 13 (80.09), 8 (80.14), 5 (80.17), 4 (80.20), 1 (80.20), 9 (80.21), 12 (80.34), 6 (80.36), 0 (80.50), 11 (80.76), 10 (81.04)
Adult	A	0.99	12 (85.13), 5 (85.14), 8 (85.25), 13 (85.26), 3 (85.31), 4 (85.37), 2 (85.42), 9 (85.43), 7 (85.44), 1 (85.53), 6 (85.63), 0 (85.67), 11 (85.72), 10 (85.81)
Adult	K	0.86	2 (71.64), 0 (76.33), 3 (76.37), 6 (76.39), 13 (76.42), 12 (76.48), 9 (76.48), 5 (76.50), 8 (76.51), 4 (76.52), 1 (76.53), 7 (76.53), 11 (76.61), 10 (83.11)
Adult	R	0.98	3 (83.21), 9 (83.53), 13 (83.61), 4 (83.67), 5 (83.71), 8 (83.71), 7 (83.87), 1 (84.17), 12 (84.28), 2 (84.34), 6 (84.43), 11 (84.46), 0 (84.57), 10 (84.71)
Blood Transfusion	D	0.95	3 (71.04), 0 (72.44), 2 (72.73), 1 (74.58)
Blood Transfusion	A	0.97	2 (75.08), 1 (76.24), 0 (77.34), 3 (77.67)
Blood Transfusion	K	0.98	2 (73.16), 1 (73.94), 0 (74.83), 3 (74.85)
Blood Transfusion	R	0.97	3 (73.07), 2 (73.22), 1 (74.07), 0 (75.16)
Car Evaluation	D	0.67	2 (62.88), 4 (72.67), 1 (75.53), 0 (79.69), 3 (84.09), 5 (94.15)
Car Evaluation	A	0.53	2 (41.25), 0 (57.56), 1 (60.26), 4 (71.18), 5 (75.15), 3 (78.41)
Car Evaluation	K	0.76	2 (66.95), 4 (69.90), 1 (75.61), 0 (77.24), 3 (81.20), 5 (87.55)
Car Evaluation	R	0.67	2 (62.66), 4 (70.11), 1 (74.71), 0 (78.39), 3 (84.57), 5 (93.64)
Credit	D	0.95	6 (79.59), 12 (79.95), 11 (80.01), 13 (80.11), 1 (80.26), 8 (80.54), 9 (80.57), 5 (80.67), 10 (80.73), 0 (80.77), 2 (80.99), 4 (81.08), 3 (81.08), 7 (83.82)
Credit	A	0.97	13 (83.28), 1 (83.31), 6 (83.40), 9 (83.42), 5 (83.52), 12 (83.53), 10 (83.54), 2 (83.63), 11 (83.66), 4 (83.91), 8 (84.02), 3 (84.18), 0 (84.28), 7 (86.04)
Credit	K	0.95	12 (66.17), 1 (67.03), 2 (67.26), 11 (67.29), 10 (67.55), 8 (67.64), 5 (67.92), 7 (67.94), 9 (67.98), 6 (67.99), 3 (68.04), 0 (68.36), 4 (68.72), 13 (69.57)
Credit	R	0.96	11 (84.36), 8 (84.42), 10 (84.43), 5 (84.46), 1 (84.51), 6 (84.61), 0 (84.72), 9 (85.00), 13 (85.04), 2 (85.11), 3 (85.12), 4 (85.13), 12 (85.34), 7 (87.55)

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Database	Estimator	Importance Range	Attribute (Ac.)
Digits	D	0.99	64 (92.17), 10 (92.29), 127 (92.33), 124 (92.34), 195 (92.34), 189 (92.36), 233 (92.36), 77 (92.36), 142 (92.37), 100 (92.37), 126 (92.38), 111 (92.39), 38 (92.39), 78 (92.39), 196 (92.39), 223 (92.39), 36 (92.39), 40 (92.39), 6 (92.39), 34 (92.39), 225 (92.39), 230 (92.39), 101 (92.40), 156 (92.40), 3 (92.40), 17 (92.40), 99 (92.41), 172 (92.41), 39 (92.41), 24 (92.41), 118 (92.41), 86 (92.41), 198 (92.41), 41 (92.41), 45 (92.42), 137 (92.42), 150 (92.42), 12 (92.42), 235 (92.42), 170 (92.42), 7 (92.42), 4 (92.42), 71 (92.42), 53 (92.42), 94 (92.42), 16 (92.42), 19 (92.42), 29 (92.42), 145 (92.42), 62 (92.42), 236 (92.42), 25 (92.43), 214 (92.43), 35 (92.43), 79 (92.43), 228 (92.43), 50 (92.43), 32 (92.43), 0 (92.43), 27 (92.43), 102 (92.43), 55 (92.43), 98 (92.43), 229 (92.43), 21 (92.44), 42 (92.44), 9 (92.44), 61 (92.44), 119 (92.44), 132 (92.44), 219 (92.44), 227 (92.44), 144 (92.44), 148 (92.44), 213 (92.44), 56 (92.44), 26 (92.44), 186 (92.44), 192 (92.44), 28 (92.44), 221 (92.44), 47 (92.44), 184 (92.45), 224 (92.45), 237 (92.45), 52 (92.45), 48 (92.45), 154 (92.45), 190 (92.45), 8 (92.45), 168 (92.45), 254 (92.45), 18 (92.45), 238 (92.45), 97 (92.46), 22 (92.46), 197 (92.46), 90 (92.46), 139 (92.46), 59 (92.46), 103 (92.46), 216 (92.46), 257 (92.46), 109 (92.46), 218 (92.46), 105 (92.46), 245 (92.46), 96 (92.46), 251 (92.46), 147 (92.46), 20 (92.47), 175 (92.47), 11 (92.47), 33 (92.47), 239 (92.47), 49 (92.47), 5 (92.47), 146 (92.47), 215 (92.47), 89 (92.47), 188 (92.47), 2 (92.47), 46 (92.47), 199 (92.47), 226 (92.47), 159 (92.48), 130 (92.48), 202 (92.48), 143 (92.48), 171 (92.48), 141 (92.48), 209 (92.48), 30 (92.48), 206 (92.48), 256 (92.48), 191 (92.48), 200 (92.48), 255 (92.48), 84 (92.48), 232 (92.48), 1 (92.48), 114 (92.48), 222 (92.48), 85 (92.48), 173 (92.48), 51 (92.49), 122 (92.49), 151 (92.49), 174 (92.49), 201 (92.49), 208 (92.49), 249 (92.49), 231 (92.49), 104 (92.49), 69 (92.49), 93 (92.49), 234 (92.49), 63 (92.49), 91 (92.49), 123 (92.49), 136 (92.49), 107 (92.50), 120 (92.50), 162 (92.50), 194 (92.50), 23 (92.50), 70 (92.50), 253 (92.50), 152 (92.50), 87 (92.50), 178 (92.50), 242 (92.50), 248 (92.50), 250 (92.50), 133 (92.50), 182 (92.50), 212 (92.50), 246 (92.50), 43 (92.50), 60 (92.50), 110 (92.50), 31 (92.50), 106 (92.50), 14 (92.51), 65 (92.51), 193 (92.51), 176 (92.51), 72 (92.51), 164 (92.51), 149 (92.51), 262 (92.51), 185 (92.51), 74 (92.51), 247 (92.51), 115 (92.51), 181 (92.51), 240 (92.51), 13 (92.51), 58 (92.51), 252 (92.51), 157 (92.52), 241 (92.52), 258 (92.52), 155 (92.52), 66 (92.52), 113 (92.52), 15 (92.52), 140 (92.52), 179 (92.52), 128 (92.52), 158 (92.52), 44 (92.52), 54 (92.52), 82 (92.52), 207 (92.52), 161 (92.53), 57 (92.53), 68 (92.53), 67 (92.53), 160 (92.53), 125 (92.53), 167 (92.53), 95 (92.53), 129 (92.53), 134 (92.53), 121 (92.53), 187 (92.53), 131 (92.53), 153 (92.53), 80 (92.53), 205 (92.53), 112 (92.53), 180 (92.53), 163 (92.54), 73 (92.54), 117 (92.54), 83 (92.54), 135 (92.54), 88 (92.54), 217 (92.54), 169 (92.55), 75 (92.55), 210 (92.55), 244 (92.55), 183 (92.55), 116 (92.55), 203 (92.55), 243 (92.55), 108 (92.56), 138 (92.56), 166 (92.56), 220 (92.57), 259 (92.57), 211 (92.57), 37 (92.58), 263 (92.58), 76 (92.58), 177 (92.58), 81 (92.58), 92 (92.58), 165 (92.59), 260 (92.61), 204 (92.61), 261 (92.67), 264 (92.74)

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Database	Estimator	Importance Range	Attribute (Ac.)
Digits	A	0.98	132 (98.19), 96 (98.87), 95 (98.95), 94 (99.07), 82 (99.14), 93 (99.18), 92 (99.33), 91 (99.49), 98 (99.63), 97 (99.66), 90 (99.66), 99 (99.71), 89 (99.81), 100 (99.83), 62 (99.84), 88 (99.85), 177 (99.85), 81 (99.88), 86 (99.88), 87 (99.88), 34 (99.88), 196 (99.89), 145 (99.89), 165 (99.89), 67 (99.89), 76 (99.89), 75 (99.90), 83 (99.90), 11 (99.90), 160 (99.90), 231 (99.90), 108 (99.91), 84 (99.91), 101 (99.91), 71 (99.91), 161 (99.91), 68 (99.91), 136 (99.91), 178 (99.91), 49 (99.91), 128 (99.91), 167 (99.91), 70 (99.91), 195 (99.91), 199 (99.91), 214 (99.91), 232 (99.91), 85 (99.91), 77 (99.91), 144 (99.91), 152 (99.91), 179 (99.91), 208 (99.91), 19 (99.92), 29 (99.92), 47 (99.92), 103 (99.92), 107 (99.92), 39 (99.92), 245 (99.92), 26 (99.92), 180 (99.92), 38 (99.92), 240 (99.92), 56 (99.92), 63 (99.92), 69 (99.92), 153 (99.92), 162 (99.92), 181 (99.92), 234 (99.92), 80 (99.92), 191 (99.92), 64 (99.92), 102 (99.92), 78 (99.92), 134 (99.92), 192 (99.92), 194 (99.92), 230 (99.92), 72 (99.92), 73 (99.92), 224 (99.92), 9 (99.92), 42 (99.92), 46 (99.92), 198 (99.92), 203 (99.92), 0 (99.93), 1 (99.93), 2 (99.93), 3 (99.93), 4 (99.93), 5 (99.93), 6 (99.93), 7 (99.93), 8 (99.93), 10 (99.93), 12 (99.93), 13 (99.93), 14 (99.93), 15 (99.93), 16 (99.93), 17 (99.93), 18 (99.93), 20 (99.93), 21 (99.93), 22 (99.93), 23 (99.93), 24 (99.93), 25 (99.93), 27 (99.93), 28 (99.93), 30 (99.93), 32 (99.93), 33 (99.93), 35 (99.93), 36 (99.93), 37 (99.93), 40 (99.93), 41 (99.93), 43 (99.93), 44 (99.93), 45 (99.93), 48 (99.93), 50 (99.93), 51 (99.93), 52 (99.93), 53 (99.93), 54 (99.93), 55 (99.93), 57 (99.93), 58 (99.93), 59 (99.93), 60 (99.93), 61 (99.93), 66 (99.93), 74 (99.93), 104 (99.93), 105 (99.93), 106 (99.93), 109 (99.93), 110 (99.93), 111 (99.93), 112 (99.93), 113 (99.93), 114 (99.93), 115 (99.93), 116 (99.93), 117 (99.93), 120 (99.93), 121 (99.93), 122 (99.93), 123 (99.93), 124 (99.93), 125 (99.93), 126 (99.93), 127 (99.93), 129 (99.93), 130 (99.93), 131 (99.93), 133 (99.93), 135 (99.93), 137 (99.93), 138 (99.93), 139 (99.93), 140 (99.93), 141 (99.93), 142 (99.93), 143 (99.93), 146 (99.93), 147 (99.93), 148 (99.93), 149 (99.93), 150 (99.93), 151 (99.93), 154 (99.93), 155 (99.93), 156 (99.93), 157 (99.93), 158 (99.93), 159 (99.93), 163 (99.93), 168 (99.93), 186 (99.93), 187 (99.93), 193 (99.93), 197 (99.93), 200 (99.93), 201 (99.93), 202 (99.93), 204 (99.93), 205 (99.93), 206 (99.93), 207 (99.93), 209 (99.93), 210 (99.93), 212 (99.93), 213 (99.93), 215 (99.93), 216 (99.93), 217 (99.93), 218 (99.93), 220 (99.93), 221 (99.93), 222 (99.93), 223 (99.93), 225 (99.93), 226 (99.93), 227 (99.93), 228 (99.93), 229 (99.93), 233 (99.93), 235 (99.93), 236 (99.93), 237 (99.93), 238 (99.93), 239 (99.93), 241 (99.93), 242 (99.93), 243 (99.93), 244 (99.93), 246 (99.93), 247 (99.93), 248 (99.93), 249 (99.93), 250 (99.93), 251 (99.93), 252 (99.93), 253 (99.93), 254 (99.93), 255 (99.93), 176 (99.93), 31 (99.93), 65 (99.93), 79 (99.93), 119 (99.93), 182 (99.93), 184 (99.93), 189 (99.93), 190 (99.93), 211 (99.93), 219 (99.93), 173 (99.93), 183 (99.93), 118 (99.93), 164 (99.93), 188 (99.93), 172 (99.93), 185 (99.93), 171 (99.94), 174 (99.94), 262 (99.94), 166 (99.94), 169 (99.94), 170 (99.94), 175 (99.94), 256 (99.94), 260 (99.96), 264 (99.96), 257 (99.96), 263 (99.96), 258 (99.97), 261 (99.97), 259 (99.98)

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Database	Estimator	Importance Range	Attribute (Ac.)
Digits	K	1.00	52 (96.52), 115 (96.53), 68 (96.53), 37 (96.53), 93 (96.54), 38 (96.54), 111 (96.54), 153 (96.54), 5 (96.54), 83 (96.54), 117 (96.54), 119 (96.54), 19 (96.54), 88 (96.54), 64 (96.54), 95 (96.54), 6 (96.54), 55 (96.55), 252 (96.55), 39 (96.55), 118 (96.55), 41 (96.55), 48 (96.55), 4 (96.55), 58 (96.55), 74 (96.55), 87 (96.55), 137 (96.55), 14 (96.55), 20 (96.55), 103 (96.55), 202 (96.55), 56 (96.55), 86 (96.55), 114 (96.55), 54 (96.55), 113 (96.55), 201 (96.55), 128 (96.55), 225 (96.55), 67 (96.55), 89 (96.55), 96 (96.55), 104 (96.56), 32 (96.56), 51 (96.56), 218 (96.56), 227 (96.56), 15 (96.56), 24 (96.56), 26 (96.56), 53 (96.56), 76 (96.56), 204 (96.56), 13 (96.56), 36 (96.56), 121 (96.56), 170 (96.56), 123 (96.56), 63 (96.56), 78 (96.56), 16 (96.56), 73 (96.56), 102 (96.56), 236 (96.56), 18 (96.56), 81 (96.56), 127 (96.56), 186 (96.56), 223 (96.56), 57 (96.56), 43 (96.56), 216 (96.56), 247 (96.56), 35 (96.56), 42 (96.56), 243 (96.56), 2 (96.56), 3 (96.56), 40 (96.56), 84 (96.56), 146 (96.56), 33 (96.56), 72 (96.56), 21 (96.57), 134 (96.57), 60 (96.57), 237 (96.57), 112 (96.57), 203 (96.57), 217 (96.57), 244 (96.57), 8 (96.57), 9 (96.57), 31 (96.57), 61 (96.57), 80 (96.57), 85 (96.57), 220 (96.57), 11 (96.57), 120 (96.57), 185 (96.57), 264 (96.57), 28 (96.57), 98 (96.57), 234 (96.57), 25 (96.57), 155 (96.57), 187 (96.57), 188 (96.57), 82 (96.57), 105 (96.57), 116 (96.57), 205 (96.57), 231 (96.57), 238 (96.57), 240 (96.57), 224 (96.57), 17 (96.57), 136 (96.57), 215 (96.57), 222 (96.57), 49 (96.57), 66 (96.57), 77 (96.57), 142 (96.57), 23 (96.58), 45 (96.58), 141 (96.58), 150 (96.58), 151 (96.58), 219 (96.58), 233 (96.58), 248 (96.58), 59 (96.58), 122 (96.58), 129 (96.58), 191 (96.58), 197 (96.58), 242 (96.58), 253 (96.58), 254 (96.58), 34 (96.58), 154 (96.58), 97 (96.58), 133 (96.58), 135 (96.58), 198 (96.58), 206 (96.58), 107 (96.58), 110 (96.58), 214 (96.58), 226 (96.58), 249 (96.58), 157 (96.58), 221 (96.58), 230 (96.58), 12 (96.58), 189 (96.58), 10 (96.58), 27 (96.58), 99 (96.58), 108 (96.58), 131 (96.58), 140 (96.58), 168 (96.58), 1 (96.58), 47 (96.58), 91 (96.58), 246 (96.58), 251 (96.58), 65 (96.58), 75 (96.58), 79 (96.58), 130 (96.58), 139 (96.58), 232 (96.58), 50 (96.58), 71 (96.58), 229 (96.58), 235 (96.58), 239 (96.58), 241 (96.58), 22 (96.59), 29 (96.59), 171 (96.59), 245 (96.59), 184 (96.59), 70 (96.59), 44 (96.59), 69 (96.59), 138 (96.59), 169 (96.59), 173 (96.59), 182 (96.59), 147 (96.59), 210 (96.59), 156 (96.59), 149 (96.59), 158 (96.59), 94 (96.59), 175 (96.59), 181 (96.59), 143 (96.59), 152 (96.59), 228 (96.59), 263 (96.59), 124 (96.59), 190 (96.59), 199 (96.59), 255 (96.59), 30 (96.59), 100 (96.60), 125 (96.60), 213 (96.60), 90 (96.60), 207 (96.60), 200 (96.60), 195 (96.60), 211 (96.60), 106 (96.60), 174 (96.60), 167 (96.60), 166 (96.60), 183 (96.60), 208 (96.60), 212 (96.60), 7 (96.60), 132 (96.60), 258 (96.60), 46 (96.60), 193 (96.60), 159 (96.60), 92 (96.60), 196 (96.60), 126 (96.61), 250 (96.61), 101 (96.61), 172 (96.61), 177 (96.61), 180 (96.61), 209 (96.61), 62 (96.61), 144 (96.61), 194 (96.61), 0 (96.61), 262 (96.61), 148 (96.61), 165 (96.61), 256 (96.61), 178 (96.61), 145 (96.62), 176 (96.62), 192 (96.62), 260 (96.62), 164 (96.62), 109 (96.62), 161 (96.62), 162 (96.62), 257 (96.63), 179 (96.63), 160 (96.64), 163 (96.64), 261 (96.64), 259 (96.64)

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Database	Estimator	Importance Range	Attribute (Ac.)
Digits	R	1.00	144 (95.28), 57 (95.29), 76 (95.29), 74 (95.29), 75 (95.29), 94 (95.29), 55 (95.30), 54 (95.30), 71 (95.31), 125 (95.32), 97 (95.32), 128 (95.32), 73 (95.32), 58 (95.33), 59 (95.33), 123 (95.33), 239 (95.33), 112 (95.33), 37 (95.33), 50 (95.33), 98 (95.33), 82 (95.33), 70 (95.33), 49 (95.34), 56 (95.34), 122 (95.34), 52 (95.34), 100 (95.34), 113 (95.34), 65 (95.35), 120 (95.35), 143 (95.35), 108 (95.35), 99 (95.35), 72 (95.35), 114 (95.35), 249 (95.35), 16 (95.35), 115 (95.35), 145 (95.35), 34 (95.36), 61 (95.36), 35 (95.36), 202 (95.36), 29 (95.36), 204 (95.36), 64 (95.36), 93 (95.36), 151 (95.36), 142 (95.37), 23 (95.37), 149 (95.37), 179 (95.37), 92 (95.37), 89 (95.37), 262 (95.37), 53 (95.37), 90 (95.37), 77 (95.37), 101 (95.37), 68 (95.37), 28 (95.37), 124 (95.37), 235 (95.37), 126 (95.37), 41 (95.38), 203 (95.38), 67 (95.38), 230 (95.38), 121 (95.38), 231 (95.38), 51 (95.38), 15 (95.38), 80 (95.38), 166 (95.38), 148 (95.38), 224 (95.38), 263 (95.38), 27 (95.38), 26 (95.38), 175 (95.39), 95 (95.39), 116 (95.39), 154 (95.39), 39 (95.39), 146 (95.39), 119 (95.39), 153 (95.39), 0 (95.39), 36 (95.39), 81 (95.39), 242 (95.39), 244 (95.39), 109 (95.39), 227 (95.39), 38 (95.39), 157 (95.39), 140 (95.39), 107 (95.39), 147 (95.39), 43 (95.39), 127 (95.39), 79 (95.39), 83 (95.39), 250 (95.39), 135 (95.39), 257 (95.40), 129 (95.40), 156 (95.40), 17 (95.40), 246 (95.40), 117 (95.40), 241 (95.40), 200 (95.40), 226 (95.40), 110 (95.40), 139 (95.40), 102 (95.40), 78 (95.40), 84 (95.40), 96 (95.40), 88 (95.41), 155 (95.41), 201 (95.41), 63 (95.41), 141 (95.41), 18 (95.41), 233 (95.41), 60 (95.41), 69 (95.41), 30 (95.41), 168 (95.41), 25 (95.41), 130 (95.41), 237 (95.41), 243 (95.41), 85 (95.41), 221 (95.41), 2 (95.41), 134 (95.41), 173 (95.41), 225 (95.41), 256 (95.41), 206 (95.41), 228 (95.41), 1 (95.41), 14 (95.42), 138 (95.42), 189 (95.42), 236 (95.42), 136 (95.42), 199 (95.42), 150 (95.42), 163 (95.42), 234 (95.42), 248 (95.42), 40 (95.42), 207 (95.42), 48 (95.42), 132 (95.42), 22 (95.42), 232 (95.42), 184 (95.42), 185 (95.42), 245 (95.42), 24 (95.42), 66 (95.42), 165 (95.42), 45 (95.42), 190 (95.42), 215 (95.42), 42 (95.43), 240 (95.43), 210 (95.43), 159 (95.43), 181 (95.43), 247 (95.43), 251 (95.43), 187 (95.43), 238 (95.43), 13 (95.43), 213 (95.43), 261 (95.43), 174 (95.43), 214 (95.43), 118 (95.43), 229 (95.44), 180 (95.44), 186 (95.44), 152 (95.44), 86 (95.44), 178 (95.44), 205 (95.44), 167 (95.44), 169 (95.44), 160 (95.44), 198 (95.44), 220 (95.44), 21 (95.44), 106 (95.44), 197 (95.44), 258 (95.45), 19 (95.45), 3 (95.45), 211 (95.45), 131 (95.45), 182 (95.45), 253 (95.45), 216 (95.45), 133 (95.45), 10 (95.45), 91 (95.45), 111 (95.45), 158 (95.46), 172 (95.46), 87 (95.46), 191 (95.46), 188 (95.46), 252 (95.46), 195 (95.46), 103 (95.46), 32 (95.46), 176 (95.46), 177 (95.46), 33 (95.46), 170 (95.46), 183 (95.46), 9 (95.46), 194 (95.46), 162 (95.46), 192 (95.46), 254 (95.47), 62 (95.47), 20 (95.47), 208 (95.47), 5 (95.47), 47 (95.47), 217 (95.47), 105 (95.47), 196 (95.47), 44 (95.48), 164 (95.48), 8 (95.48), 218 (95.48), 255 (95.48), 212 (95.48), 11 (95.48), 12 (95.49), 46 (95.49), 104 (95.49), 259 (95.49), 171 (95.49), 137 (95.49), 219 (95.49), 31 (95.49), 161 (95.50), 260 (95.50), 223 (95.50), 4 (95.51), 264 (95.51), 222 (95.52), 209 (95.52), 7 (95.53), 6 (95.53), 193 (95.53)
Ecoli	D	0.94	6 (74.10), 3 (74.56), 1 (74.89), 2 (74.94), 5 (75.76), 4 (77.41), 0 (78.92)
Ecoli	A	0.91	6 (63.29), 3 (65.98), 4 (66.01), 2 (66.47), 1 (67.10), 0 (68.16), 5 (69.46)
Ecoli	K	0.92	3 (78.99), 6 (79.66), 2 (82.13), 1 (82.48), 5 (82.76), 4 (84.85), 0 (85.40)
Ecoli	R	0.94	6 (79.01), 3 (79.03), 2 (79.55), 5 (80.53), 1 (80.93), 4 (83.13), 0 (83.73)
German Credit	D	0.97	14 (67.49), 19 (67.57), 15 (67.61), 11 (67.65), 16 (67.78), 18 (67.82), 12 (67.88), 17 (67.88), 4 (67.91), 8 (67.96), 10 (67.98), 7 (68.02), 6 (68.03), 13 (68.07), 5 (68.20), 9 (68.28), 3 (68.30), 2 (68.46), 1 (68.67), 0 (69.90)
German Credit	A	0.97	12 (73.66), 15 (74.08), 17 (74.09), 7 (74.10), 16 (74.11), 19 (74.14), 18 (74.16), 8 (74.25), 13 (74.26), 14 (74.27), 10 (74.29), 6 (74.37), 11 (74.38), 3 (74.56), 4 (74.58), 9 (74.60), 5 (74.73), 1 (74.73), 2 (74.83), 0 (75.77)
German Credit	K	0.94	4 (64.56), 19 (65.28), 10 (65.30), 8 (65.33), 18 (65.33), 13 (65.33), 3 (65.34), 6 (65.34), 2 (65.34), 14 (65.36), 7 (65.37), 16 (65.37), 15 (65.38), 11 (65.39), 17 (65.50), 9 (65.59), 5 (65.82), 12 (65.83), 0 (65.83), 1 (68.73)
German Credit	R	0.97	15 (72.92), 19 (73.02), 12 (73.04), 10 (73.08), 13 (73.14), 3 (73.15), 9 (73.16), 8 (73.17), 17 (73.19), 11 (73.21), 6 (73.21), 18 (73.30), 14 (73.37), 7 (73.42), 16 (73.45), 4 (73.57), 2 (73.69), 5 (73.80), 1 (73.96), 0 (75.14)
Letter	D	0.98	2 (84.37), 0 (84.37), 4 (84.40), 3 (84.45), 1 (84.48), 5 (84.80), 6 (85.02), 13 (85.29), 10 (85.33), 15 (85.50), 9 (85.78), 11 (85.85), 8 (85.94), 12 (86.14), 7 (86.14), 14 (86.28)
Letter	A	0.90	10 (35.24), 4 (35.86), 12 (36.36), 2 (36.53), 13 (36.58), 3 (36.61), 8 (36.67), 5 (36.74), 14 (36.99), 1 (37.01), 11 (37.05), 6 (37.10), 9 (37.16), 0 (37.54), 7 (38.59), 15 (39.36)
Letter	K	0.98	1 (92.13), 2 (92.20), 0 (92.41), 3 (92.41), 4 (92.95), 6 (93.05), 5 (93.14), 10 (93.39), 13 (93.44), 12 (93.64), 9 (93.78), 15 (93.88), 11 (94.08), 8 (94.26), 7 (94.28), 14 (94.38)
Letter	R	0.98	2 (90.58), 3 (90.70), 0 (90.72), 4 (90.73), 1 (90.81), 6 (91.22), 5 (91.23), 13 (91.35), 15 (91.74), 10 (91.76), 9 (92.06), 11 (92.14), 12 (92.16), 8 (92.23), 14 (92.47), 7 (92.48)
Page Blocks	D	1.00	5 (95.93), 9 (96.00), 8 (96.00), 7 (96.02), 1 (96.07), 2 (96.09), 4 (96.15), 3 (96.18), 6 (96.20), 0 (96.36)
Page Blocks	A	0.98	9 (92.31), 8 (92.66), 2 (93.03), 1 (93.17), 4 (93.27), 6 (93.54), 5 (93.63), 7 (93.63), 0 (94.00), 3 (94.16)
Page Blocks	K	0.99	2 (94.94), 8 (95.03), 6 (95.26), 5 (95.26), 3 (95.28), 4 (95.31), 9 (95.31), 0 (95.42), 7 (95.60), 1 (95.68)

Continued on next page

Database	Estimator	Importance Range	Attribute (Ac.)
Page Blocks	R	1.00	9 (96.70), 8 (96.71), 5 (96.75), 1 (96.78), 7 (96.78), 2 (96.79), 3 (96.92), 4 (96.94), 6 (96.96), 0 (97.08)
Yeast	D	0.88	7 (46.40), 6 (48.18), 5 (48.30), 8 (48.62), 2 (48.65), 0 (49.38), 1 (49.99), 4 (51.71), 3 (52.80)
Yeast	A	0.89	8 (40.14), 1 (40.42), 7 (40.71), 2 (41.58), 0 (41.60), 6 (42.06), 4 (42.15), 5 (42.27), 3 (44.90)
Yeast	K	0.96	0 (50.28), 7 (50.62), 6 (50.62), 5 (50.63), 2 (51.03), 8 (51.21), 3 (51.90), 1 (52.15), 4 (52.25)
Yeast	R	0.90	7 (53.50), 6 (53.89), 5 (54.21), 0 (56.01), 2 (56.07), 1 (56.64), 8 (57.22), 4 (58.52), 3 (59.63)

Table B.2: Regression Importance Rank

Abalone	D	1.06	7 (21.89), 9 (21.08), 6 (20.99), 8 (20.84), 4 (20.77), 1 (20.77), 0 (20.75), 2 (20.74), 5 (20.73), 3 (20.69)
Abalone	K	1.06	7 (16.66), 6 (15.92), 8 (15.86), 9 (15.81), 4 (15.71), 5 (15.68), 3 (15.65), 2 (15.65), 1 (15.65), 0 (15.65)
Abalone	A	1.09	9 (27.74), 7 (26.32), 1 (25.99), 0 (25.82), 2 (25.82), 8 (25.75), 3 (25.67), 5 (25.52), 6 (25.52), 4 (25.51)
Abalone	R	1.06	7 (17.06), 9 (16.38), 6 (16.35), 8 (16.25), 5 (16.24), 4 (16.18), 1 (16.17), 3 (16.16), 0 (16.14), 2 (16.13)
Airfoil	D	2.57	0 (4.27), 2 (1.77), 4 (1.74), 3 (1.70), 1 (1.66)
Airfoil	K	1.30	0 (4.39), 2 (3.93), 4 (3.93), 1 (3.56), 3 (3.38)
Airfoil	A	1.60	0 (4.12), 2 (2.85), 4 (2.72), 3 (2.65), 1 (2.58)
Airfoil	R	3.34	0 (4.28), 2 (1.39), 4 (1.38), 3 (1.36), 1 (1.28)
Bike Sharing	D	4.10	3 (365.33), 1 (104.62), 0 (91.79), 5 (91.45), 2 (90.94), 8 (90.88), 6 (90.36), 4 (90.29), 7 (89.81), 9 (89.10)
Bike Sharing	K	4.66	3 (382.20), 1 (95.34), 5 (88.33), 0 (84.84), 8 (83.67), 2 (83.58), 6 (82.78), 7 (82.69), 4 (82.43), 9 (81.94)
Bike Sharing	A	2.68	3 (682.75), 9 (291.90), 6 (290.17), 2 (288.71), 4 (285.21), 7 (274.39), 0 (272.63), 8 (268.18), 1 (254.78), 5 (254.54)
Bike Sharing	R	4.62	3 (373.53), 1 (93.44), 0 (82.84), 8 (82.59), 5 (82.33), 2 (82.26), 4 (81.54), 6 (81.43), 7 (81.22), 9 (80.77)
California House	D	1.50	0 (34.74), 1 (33.66), 7 (25.29), 5 (24.41), 3 (24.41), 6 (24.38), 4 (24.20), 2 (23.20)
California House	K	1.15	3 (58.52), 4 (53.25), 5 (52.64), 6 (51.24), 2 (51.21), 7 (50.87), 1 (50.82), 0 (50.80)
California House	A	1.14	7 (65.35), 1 (62.96), 6 (60.25), 5 (59.74), 2 (59.72), 4 (59.67), 3 (59.30), 0 (57.52)
California House	R	1.49	0 (27.39), 1 (26.49), 7 (19.98), 5 (19.27), 3 (19.12), 6 (19.03), 4 (19.00), 2 (18.42)
Compactiv	D	1.32	20 (4.16), 2 (3.79), 17 (3.63), 6 (3.60), 0 (3.57), 15 (3.56), 19 (3.55), 8 (3.55), 16 (3.54), 4 (3.54), 3 (3.54), 9 (3.53), 10 (3.53), 11 (3.53), 5 (3.53), 1 (3.52), 14 (3.52), 12 (3.52), 13 (3.52), 7 (3.51), 18 (3.15)
Compactiv	K	43.33	20 (268.34), 2 (6.82), 17 (6.80), 19 (6.80), 4 (6.80), 3 (6.80), 16 (6.80), 18 (6.80), 1 (6.80), 5 (6.80), 6 (6.80), 9 (6.80), 10 (6.80), 11 (6.80), 13 (6.80), 14 (6.80), 15 (6.80), 0 (6.80), 12 (6.80), 7 (6.26), 8 (6.19)
Compactiv	A	1.19	20 (5.27), 2 (5.08), 19 (4.99), 17 (4.88), 8 (4.82), 3 (4.82), 0 (4.80), 4 (4.80), 7 (4.80), 5 (4.80), 16 (4.79), 10 (4.77), 1 (4.77), 9 (4.76), 15 (4.75), 12 (4.74), 13 (4.73), 6 (4.70), 11 (4.68), 14 (4.68), 18 (4.42)
Compactiv	R	1.39	20 (3.55), 2 (3.19), 6 (3.05), 17 (3.03), 0 (3.02), 8 (3.01), 15 (3.00), 4 (3.00), 16 (3.00), 7 (2.99), 3 (2.99), 9 (2.99), 12 (2.99), 10 (2.99), 11 (2.99), 5 (2.98), 13 (2.98), 14 (2.98), 1 (2.98), 19 (2.96), 18 (2.56)
Mortgage	D	1.13	5 (2.01), 4 (1.88), 0 (1.84), 8 (1.84), 14 (1.84), 7 (1.83), 13 (1.83), 11 (1.83), 2 (1.83), 12 (1.83), 6 (1.82), 9 (1.82), 1 (1.81), 10 (1.80), 3 (1.78)
Mortgage	K	1.04	14 (2.39), 11 (2.37), 8 (2.37), 12 (2.36), 13 (2.36), 4 (2.36), 0 (2.36), 3 (2.36), 9 (2.36), 5 (2.36), 6 (2.36), 1 (2.36), 10 (2.36), 2 (2.35), 7 (2.30)
Mortgage	A	1.10	5 (3.95), 4 (3.68), 12 (3.62), 13 (3.62), 0 (3.62), 14 (3.62), 9 (3.62), 1 (3.61), 11 (3.61), 8 (3.60), 7 (3.60), 2 (3.60), 6 (3.60), 10 (3.59), 3 (3.58)
Mortgage	R	1.14	5 (1.51), 4 (1.43), 0 (1.37), 8 (1.37), 9 (1.37), 13 (1.37), 7 (1.37), 11 (1.37), 6 (1.36), 2 (1.36), 14 (1.36), 12 (1.36), 1 (1.36), 10 (1.33), 3 (1.33)
Wankara	D	2.01	0 (9.84), 1 (5.22), 2 (5.21), 3 (4.94), 7 (4.93), 4 (4.93), 5 (4.93), 6 (4.91), 8 (4.90)
Wankara	K	2.61	0 (8.29), 1 (4.06), 2 (3.67), 6 (3.50), 5 (3.44), 4 (3.44), 3 (3.44), 7 (3.38), 8 (3.18)
Wankara	A	2.12	0 (8.78), 1 (4.59), 2 (4.43), 7 (4.18), 6 (4.18), 4 (4.18), 8 (4.16), 3 (4.14), 5 (4.13)
Wankara	R	2.29	0 (8.03), 1 (3.90), 2 (3.88), 6 (3.61), 3 (3.56), 4 (3.55), 7 (3.54), 5 (3.53), 8 (3.51)
Wine Quality	D	1.05	10 (9.63), 9 (9.48), 1 (9.37), 6 (9.29), 8 (9.21), 2 (9.21), 4 (9.21), 7 (9.19), 5 (9.17), 3 (9.15), 0 (9.15)
Wine Quality	K	1.11	10 (11.45), 0 (10.86), 1 (10.79), 9 (10.77), 2 (10.76), 8 (10.75), 4 (10.75), 7 (10.75), 3 (10.73), 6 (10.39), 5 (10.36)
Wine Quality	A	1.08	10 (10.19), 9 (9.92), 6 (9.56), 5 (9.53), 0 (9.48), 7 (9.47), 3 (9.47), 4 (9.46), 2 (9.45), 8 (9.44), 1 (9.44)
Wine Quality	R	1.04	9 (8.81), 10 (8.79), 1 (8.63), 6 (8.60), 5 (8.49), 8 (8.49), 4 (8.49), 7 (8.48), 2 (8.48), 0 (8.47), 3 (8.47)