NOVA IMS Information Management School

MEGI

Mestrado em Estatística e Gestão de Informação

Master Program in Statistics and Information Management

Imputation Techniques for Improving Survey Outcomes in Nigeria: The Case of the Business Expectation Survey (BES) of the Central Bank of Nigeria

UBONG SYLVANUS UDOETTE

Dissertation report presented as partial requirements for obtaining the Master's degree in Statistics and Information Management

NOVA Information Management School
Instituto Superior de Estatística e Gestão de Informação
Universidade Nova de Lisboa

Title: **Imputation Techniques for Improving Survey Outcomes in Nigeria: The Case of the Business Expectation Survey (BES) of the Central Bank of**

Student full name :
UBONG SYLVANUS UDOETTE

NOVA Information Management School

Instituto Superior de Estatística e Gestão de Informação

Universidade Nova de Lisboa

Imputation Techniques for Improving Survey Outcomes in Nigeria: The Case of the Business Expectation Survey (BES) of the Central Bank of Nigeria

by

Ubong Sylvanus Udoette

Proposal of dissertation presented as partial requirement for obtaining the Master's degree in Statistics and Information Management, with a specialization in Analysis and Information Management

Advisor: PROFESSOR DOUTOR PAULO JORGE GOMES

NOVEMBER 2016

DEDICATION

I dedicate this project to GOD Almighty who made it possible financially and otherwise as well as to my parent Mr & Mrs Sylvanus B. Udoette who laid the foundation for my education.

I am also grateful to my wife, Mrs Unyime U. Udoette and my children (Caleb, Covenant, Kayla and Joanne) for their inspiration and understanding.

ACKNOWLEDGEMENTS

My sincere appreciation goes to Dr. Sanni I. Doguwa, former Director of Statistics, Central Bank of Nigeria (CBN), for the information about the school and programme. Special thanks goes to Dr. Olowofeso Olorunsola, a Deputy Director in the Statistics Department, CBN for accepting the additional responsibity of being our resident supervisor/examiner, which required having to sometimes spend several hours after official working hours to supervise our examinations and other programme requirements.

Special thanks goes to Dr Joa, Director of Statistics, Bank of Portugal (BP) and his entire team for their support during the programme and our study visit to BP. Not forgetting my colleagues at the CBN such as Mr B. S. Omotosho, Dr. Bamanga, Mr. Manya and Dr. Kufre Bassey for their help in making this a reality as well as the institution (CBN) for the opportunity and provision of some of the requirements for the programme.

ABSTRACT

Over the years, the issue of respondents' apathy, missing data and item non-response in particular, has remained a major concern with regards to analyses of survey-based studies undertaken by the Central Bank of Nigeria (CBN). Researchers and policy analysis within the CBN has been plagued by the growing quantum of item non-response. This dissertation will attempt to empirically analyze and recommend the best imputation technique for item non-response in surveys undertaken by the Bank. The case in point will be the Business Expectations Survey (BES) conducted quarterly by the CBN. It will take a specific items/questions in the BES for which there are complete responses and undertake a multiple correspondence analysis (MCA) of the responses. Using a complete randomize scheme (table of random numbers) it will exclude 15 – 35 percent of responses as if they were item non-response and proceed to replace them through various imputation technique. After which the MCA will be repeated for each of the derived data sets and the result compared with that of the original data sets. The matrices of principal coordinates are compared using the RV coefficient (Escoufier, 1973), a measure of similarity between two datasets such that a value of 1 indicates complete similarity and 0 indicates complete dissimilarity. This coefficient is a generalization of the square of Spearman's correlation coefficient. The result of the RV coefficient analysis and well as the analysis of some selected summary statistics will be used to recommend the best imputation technique for such item non-responses in future surveys.

KEYWORDS

Missing Data; Item Non-response; Imputation Technique; RV Coefficient; Multiple Correspondence Analysis

INDEX

LIST OF FIGURES

No table of figures entries found.

LIST OF TABLES

No table of figures entries found.

LIST OF ABBREVIATIONS AND ACRONYMS

BES	Business Expectation Survey
CBN	Central Bank of Nigeria
IQR	Inter-quartile Range
NBS	National Bureau of Statistics
NIPALS	Non-linear Iterative Partial Least Squares
MAR	Missing at Random
MCA	Multiple Correspondence Analysis
MCAR	Missing Completely at Random
MI	Multiple Imputation
MNAR	Missing not at Random
MREP	Mean Replacement

1. INTRODUCTION

In any empirical research it is almost impossible to avoid the problem of missing data. Determining the best and most appropriate imputation technique in handling missing data during analyses plays a vital role in sufficiently reducing the statistical bias in such studies and ensuring that valid conclusions are made about the target population. In practice, however, the first option available to most researchers in handling missing data is deleting cases with missing values (trimming or winsoring), especially when the missing data does not occur in more than 5 per cent of the entire cases. This option, usually result in a reduction in the sample size which has significant adverse effect on the statistical power of the derived estimates. The impact on statistical estimates is also believed to be more pronounced in cases where the missing values are systematically or completely different from the cases where complete information are available Langkamp et al (2011).

The problem of missing data is more pervasive with regards to research/studies that require sample surveys. Some respondents may not be willing to participate in a survey (unit non-response) altogether or they are unwilling to provide answers to some specific questions that are required (item non-response). Missing data may also arise from transcription errors or when certain sampling units are dropped in follow-up surveys or when trying to merge two data sets that do not match Brand, J.P (1999). However, there are several modern alternatives to missing data analyses other than complete case-wise deletion. These ranges from imputation with plausible value by researchers using simple techniques such as the mean of the observed cases for each variable to more complicated models such as regression imputation, stochastic regression imputation, maximum likelihood, multiple imputation, etc. Moreover, case-wise deletion may in some cases lead to significant reduction in available data; data wastage of more than 20 per cent is quite common.

The Statistics Department, CBN conducts a quarterly Business Expectations Survey (BES) of leading firms drawn from various sectors across the Nigerian economy. The sampling frame for the survey is an aggregation of the establishment survey business registers of the CBN and the National Bureau of Statistics (NBS). Respondents are drawn from the Industrial, Construction, Wholesale/Retail trade and Services sectors. The service sector is made up of

Financial Intermediation, Hotels and Restaurants, Renting & Business Activities and Community & Social Services. The BES result provides advance indication of change in the overall business activity in the economy and in the various measures of activity of the companies' own operations as well as selected economic indicators. Recent BES have produced an average response rate of 95 - 98.5 per cent; indicating increasing respondent apathy. Item non-response has also been on the increase among survey respondents and has become a major concern in the analyses of the survey returns.

Usually, the immediate options available to data analysts of the BES have been case-wise deletion of cases with item non-response or a discretionary choice of any of the available imputation technique to address such cases. However, with the increasing size and quantum of the item non-response and the likely effect each adopted imputation technique may have on the survey outcome, it is becoming increasing necessary for the Department/CBN to have a standardized way of addressing this problem and not leave it at the discretion of individual analyst. This dissertation is geared towards addressing these issues and thus be in a position to recommend to the CBN the best imputation technique to be adopted in handling cases of item non-responses in future survey analyses.

The specific objectives of this research include the following:

- To review the various imputation techniques used by data analyst for addressing missing data issues in the analysis of the BES of the CBN
- Assess the statistical biases introduced by the various imputation techniques in the data set
- Identify the best imputation technique that preserves the statistical relations of the data set

2. LITERATURE REVIEW

2.1. THEORETICAL FRAMEWORK

Missing data refers to a condition where some part of the required information about a particular phenomenon of interest is missing or not available. This entails that values are not available for the variable of interest for some observations. In empirical research, there are three major reasons why data might be missing, namely: study design, characteristics/type of respondents and the interaction between respondents and the survey design. Missing data occur mainly as a result of non-response which could be as a result of a number of other factors such as non-availability of information for one or more subject; non-response to sensitive questions; the amount of time required to complete questionnaire by respondents; cases where participants drop out before the test ends and measurements are taken, etc. These missing observations greatly inhibit the researchers' ability to understand the nature of the phenomena and the extent of this inhibition is not often known.

Theoretically, there is also an important distinction between "unit missing data" commonly referred to as unit non-response and "missing values" or what is called item non-response. Unit missing data occurs when the data for a particular respondent/unit of analysis is not available. In practice this occurs when some respondents or unit of the target population refuses to partake in selected surveys or drop out. The second case, which is missing values, refers to the situation where the scores for particular variables are missing for some sampling units thus its common name "item non-response".

There are three major areas in the discussion about the impact of missing data. These are measurement; understanding the relationship between variables; and drawing conclusion based on the available information. However, the main concern about missing data is the common threat it possess to the validity of the conclusions drawn in most research work irrespective of the field or sphere of research. However, there are two other main issues that must be taken into account when dealing with missing data. The first is the issue of the amount of the missing data in a particular data set. Generally, the size of the missing data is presumed to be directly proportional to the impact such missing data will have on the statistical inference about the data set; the higher the missing data, the higher its impact on the inference from such a data set. This negative impact is mainly as a result of the biased

parameters that would be generated from the incomplete data set. The second major concern about missing data is usually about the actual process that causes the missing data, which is believed to have significant impact on the validity of the study findings. Missing data can affect both the reliability (stability, consistency, or reproducibility) and validity (accuracy, verisimilitude, or ability to generalize) of research findings.

In order to facilitate it diagnoses and identify the proper remedy to handling missing data, statistician developed a classification system for missing data. The various types of missing data are associated with different consequences that influence action to remedy the problem. And sometimes the diagnosis indicates that there is no remedy available. In longitudinal studies, there are situations where data are missing at a particular occasion of measurement, a phenomena commonly referred to as "missing wave". In multilevel studies in which participants are grouped into larger sampling units, "unit missing data" can occur at the individual /participants level or at the group level (hospitals, schools, banks). Data can also be missing cross-sectional (for sampling units observed at a single occasion) or across time in longitudinal studies.

To be able to decide how to handle missing data, it is important to try to understand why the data was missing in the first instance or what is commonly referred to as "missingness mechanisms". These are basically assumptions about the occurrence of the missing data based on a hypothetical perception of the existence of a complete data set. Thus the missing data are viewed as data entries which were not observed or measured, but could have been. There are three (3) basic "missingness" assumptions or classifications, namely:

- ***Missing completely at random (MCAR):*** The missing data for a variable is said to follow a MCAR process if the probability of missingness is the same for all units. That is, the probability that an observation Xi is missing is unrelated to the value of Xi or the value of any other variables. In other words, a missing data mechanism is called MCAR, if the probability of each entry missing is independent of the values in the hypothetical complete data set. The assumption here is that for each variable with missing data, the observed values constitute a random sub-sample of the original complete data set of the variable. It is generally believed that if a set of missing data follow a MICAR process then case-wise deletion does not introduce any bias to

whatever inferences is made from the remaining data set. Bennet, D. A (2001) further noted that valid inferences could be drawn from the analysis of a data set with missing data following a MCAR process using any of the analysis technique.

- ***Missing at random (MAR)***: In most cases, the missing data are not completely at random; they are either related to the missing values themselves or other observed values. A set of missing data is said to be a MAR if the propensity for a data point to be missing is not related to the missing data but to some of the observed data. In other words, If the probability of an observation to be missing depends on previously observed data and not on the variable that contain the missing data, then the underlying missing data mechanism is called a MAR. The basic concept of a MAR suggests the existence of a minimal criterion upon which valid statistical analysis can be undertaken with the data set without modelling the underlying missing data mechanism. In a MAR, the observed data has all the information required to undertake a valid statistical analysis of the missing data. However, the information may be structured in a way that makes the analysis complicated. It is therefore becomes imperative that all observed data be taken into account in order to undertake any valid statistical analysis. The condition in which the missing data is a MAR is most often referred to as "ignorable missingness" – this name comes from the fact that the available data we can still generate unbiased parameter estimates without necessarily needing to provide a model to explain the pattern of missingness. For example, the different nonresponse rates for two major groupings of respondents say "whites" and "blacks" indicate that a particular question say "earnings" in the Social Indicators Survey is not missing completely at random. A more general assumption, missing at random, is that the probability a variable is missing depends only on available information. Thus, if sex, race, education, and age are recorded for all the people in the survey, then "earnings" is missing at random if the probability of non-response to this question depends only on these other, fully recorded variables. Thus, any model for earnings would have to include variable predictors for race, to avoid non-response bias.
- ***Missing not at random (MNAR):*** If a set of missing data do not follow a MCAR or MAR process then the data is said to be Missing not at random (MNAR). According to

Rubin, D. B (1987), a missing data mechanism will be a MNAR if the missing values depend on the variable itself. For example, if in a survey people with low income are less likely to report their income, then the missing data are not at random (MNAR) because the non-response is simply because of the question being asked. In such case the only way to obtain an unbiased estimate of parameter is to model the missingness. This entails the need to write a model that accounts for the missing data. Gelman, A and Hill, J (2006) identified two categories of MNAR process, namely:

i. ***Missingness that depends on unobserved predictors***: Missingness is no longer "at random" if it depends on information that has not been recorded and this information also predicts the missing values. For example, suppose that people with college degrees are less likely to reveal their earnings, having a college degree is predictive of earnings. Thus earnings are not missing at random.

ii. **Missingness that depends on the missing value itself**: Finally, a particularly difficult situation arises when the probability of missingness depends on the potentially missing variable itself. For example, suppose that people with very higher income are less likely to reveal them. Thus the missing data are only information of very high earners (observations with the highest group of values for the variable will then be missing). This become even more difficult to model**.**

The first step in addressing the problem of missing data is being able to identify the underlying missing data mechanisms. A Proper diagnostic of the missing data mechanism informs the researcher about the likely inferential limitations in using the observed data set and the need for caution, if need be, when interpreting the results. A number of researches have been undertaken in this area of missing data diagnostics. Nakagawa, S and Freckleton, R.P (2010) stated that being able to correctly identify the missing data mechanism would enable the researcher to make a decision on the most appropriate technique to address the issue. The authors identified some visual inspection technique to be used in determine whether the missing data is a MCAR or not. They noted however, the difficulty in using this simple visual inspection technique in distinguishing between a MAR and MNAR. Little, R. J (1988) developed some statistical tests for identifying MCAR mechanism in missing data

while Schafer, J. L (1997) concluded that distinguishing between MAR and MNAR would require additional information regarding the distribution of the missing data.

It is equally important for researchers to assess the extent of missing data before using such information in any analysis. There are several methods/procedures identified in literature for assessing the extent of missing data. This includes:

- ***List-wise or complete case method***: A simple way of assessing the extent of missing data is to examine the number of cases with missing data for at least one variable. A lot of statistical software packages which are designed to handle inferential statistical procedures have List-wise deletion as the default for handling missing data. These packages generate and report the amount of missing data as the number of cases with missing data for at least one variable.
- ***Complete variable method***: this method provides an estimate of extent of the missing data by looking at the proportion of variables than contain missing values.
- **Available *Case method***: The extent/amount of missing data can also be defined in terms of the number of missing values for each variable (a method sometimes referred to as pair-wise deletion). The available case method is considered complementary method to the complete case approach in diagnosing the amount of missing data.
- ***Sparse matrix method***: In the sparse method, the extent/amount of missing values is computed using the total data matrix.
- ***The ratio method***: in the ratio method, the extent of missing data is computed as an index ri defined by the ratio of the sparse matrix method to the complete case. This ratio offers an average amount of the missing variables per incomplete case. The higher the ratio, the more the extent of missing data. An alternative way of computing ri is as the ratio between the sparse matrix and proportion of incomplete variables –which simply provide the proportion of missing cases per incomplete variable

A combination of these five diagnostic procedures would provide sufficient information with regards to the appropriate approach to handling the missing observations. However,

there are five basic steps to follow in selecting the most appropriate solution to handling missing data. These are:

- ***Identifying the relevant variables:*** identifying the specific variables for analysis is usually considered the first step before reviewing what data set/information may be missing. This basic approach provides a simplified diagnostic step as well as the treatment for the missing data.
- ***Specify the level of analysis at which data are missing:*** Having identified the variable of interest, deciding on the level of analysis is an important preliminary step in the missing data analysis process. When aggregate level is the focus of the analysis and the aggregates are directly derived from the micro data sets, missing data at the micro level do not pose significant problem to achieving the set objectives. However, missing data at macro level can create significant bias if the analysis performed at micro/unit level.
- ***Conduct missing data techniques***: There are a number of factors to consider before deciding on the technique to be used in analysis a data set with missing data. This includes:
    i. ***If the missing data mechanism is known*****:** It is important in missing data analysis to ascertain if missing data is of "ignorable type" – MCAR or MAR. If "ignorability" is ascertained or likely, methods such as imputation and model/based parameterization methods are preferred. However, if the missing data are not ignorable – MNAR, then the relevant variables needed to model the missing values are not available.
    ii. ***The amount of missing data***: The amount of missing data is believed to have significant impact on the level of precision of the parameter estimates. However, when the sample size is large and the percentage of cases of missing data is relatively small (≤1%), data deletion may be a reasonable solution if the missing data are ignorable. If the missing data is a MCAR, little information is lost even when a certain percentage of the data is missing. The reverse is true for a MNAR even when a small amount of the data is missing.

- ***Identifying the Statistical Model and test to be used***: a procedure that uses the available raw data to estimate the parameters such as liner models do not always require the complete data. However, procedures that rely on generated values such as "covariance matrix" for estimation of the parameters generally require complete information/data cases.
- ***Identifying the statistical software to use:*** it is important for data analyst to be familiar with the default procedures for handling missing data for particular statistical software that are to be employed for analysis. Awareness of default methods is important for the evaluation of appropriateness of a particular missing data conditions

2.1.1. MISSING DATA IMPUTATION TECHNIQUES

Having identified the extent of missing data, the missing data pattern/mechanism and undertaken the diagnostics procedures highlighted above, it is imperative to now discuss the various concepts or approaches to handling missing data. Several techniques are identified in literature to addressing the issue of missing data. These include:

2.1.1.1. CONVENTIONAL METHODS

- ***Case-wise Deletion:*** Case-wise deletion is the most common method identified in literature for handling missing data. It is also referred to as the "complete-case analysis" or "list-wise deletion" (Gelman, A. & Hill, J (2006) and Knol, M, J *et al*. (2010)) and implemented as the default procedure in most software packages. This technique involve discarding all observations with at least one missing value resulting in a reduction in number of observations in the data set that is available for analysis. Little, R. J and Rubin, D.B (2002) noted that the major limitation/concern to the use of the case-wise deletion is the possible loss of information associated with this technique which may lead to concerns about the statistical power of the analysis thereof. Studies such as Klebanoff, M. A & Cole, S. R (2008) and Nakai, M & Weiming, K. (2011) has shown that if missing data mechanism are not MCAR, case-wise deletion are likely to generate biased parameter estimates which may lead to incorrect conclusions.

- ***Available Case Analysis:*** Another conventional technique to addressing the problem of missing data is the available case analysis. The available case analysis refers to a group of techniques that uses the available data to estimate the means and covariance. One of the popular methods in this group is called pair-wise deletion. This method focuses on the variance-covariance matrix (or correlation), which is computed based on the observations with complete data for each pair of variables.
- ***Single imputation***: This is a simple and very common approach to handling missing data. It involves filling or "imputing" some form of single value estimated for the missing value and undertaking analysis with the data derived as if there were not missing in the first place. There are a number of single imputation procedures in literature, namely:

  I. Replacement with a constant

  a) Mean Replacement: Is a common procedure adopted in social sciences in treating missing data. It is easily implemented by most statistical packages. It involves replacing each missing value with the sample mean of the observed values for the particular variable. The major disadvantage of this technique is that it distorts the original distribution of the variable and relationship with other variables. Gelman, A. & Hill, J (2006) noted its "pulling" ability in terms of tending the correlation between variables towards zero. Imputing mean values severely under-represents extreme values which lead to a decrease in variance. Soley-Bori, M (2013) identified this procedure as the "marginal mean imputation" and provide a distinction with what is called "conditional mean imputation" which is considered a non-random imputation technique.

  b) ***Median imputation***: This is just a slight variance of the mean imputation. As noted earlier, mean imputation has significant impact on extreme values. This impact becomes even more sever when the underlying distribution is skewed, very flat or peaked. In this case, the median as an alternative measure of central tendency constitute a

better model of the underlying distribution hence the concept of median imputation.

c) ***Zero imputation***: This commonly implemented for binary response variables. In such studies, incomplete response maybe considered incorrect or false and in such circumstances zero imputation are justified. However, serious consideration should be given to the meaning of the value 0 with relation to the variable of interest before adopting zero imputation.

d) ***Last value carried forward***: this is a very conservative approach that is commonly adopted in health/medical related research. It involves carrying forward the last recorded value of the variable to fill the next missing value. Gelman, A. & Hill, J (2006) noted however, that the last value carried forward method of imputation introduces significant bias in the analysis outcome in missing data analysis.

II. ***Replacement with a randomly selected value:*** There are two basic approaches in random imputation methods for missing data. These are:

a) ***Empirical procedures***: This involves using the available data to randomly estimates and replaces the missing values. Example of this procedure include:

- ***Hot-deck imputation***: This is a nonparametric technique that does not require making any underlying assumption about the distribution of the variable with missing values. It involves randomly selecting a value from the observed data to replace a missing value. The missing values in the variables of interest are estimated using other similar observed values with the probability of selecting one observed value over another dependent on the rate at which the different values occur. Another simple hot-deck imputation procedure is replacement with values from the **nearest neighbor**. Generally, hot-deck imputation is believed to have significant effect on standard error due to the decreasing variability it introduces.

- ***Cold-deck imputation***: this an imputation technique in which values from other data set are used to replace the missing values in the current data set. It is commonly used in related survey based researches where responses from same/similar respondents are used to replace non-response in current surveys.

b) ***Model-based procedures***: This involves using models to generate estimates given the observed data sets, the relationship amongst the variables and other constraints imposed by the underlying distribution. According to Piggot, T. D (2001), model-based procedures requires the researcher to make assumptions about the joint distribution of all the variables and the nature of the missing data. The underlying distribution can be a Bernoulli or binomial distribution (for outcomes with two distinct possibilities only), a poisson distribution (for counted variables) or a multinomial distribution (for unordered categorical variables).

III. ***Replacement with a non-randomly derived value:*** An example of the non-random simple imputation technique is the ***Conditional Mean*** procedure. Here, the missing values are replaced with means of the classification variables. The mean that are used in place of the missing values for each variable are not computed using the entire sample, they are means of strongly related classification variable within the different groups.

Overall, single imputation techniques are believed to underestimate standard errors thereby increasing the likelihood of rejecting a true null hypothesis (committing a type I error). These procedures also introduce a lot of other biases and tend to perform poorly even when the missing data follows a MAR or MCAR process. However, procedures such as mean imputation, zero imputation and last value carried forward are the easiest technique in handling missing data.

- ***Multiple imputation:*** In practice, having missing data in a number of variables of interest in the available data set is a common occurrence in which case applying any of the single imputation technique becomes quite cumbersome. In this case, the data

set becomes a multivariate outcome in which any of the components can be missing. Rubin, B.D (1987) noted that multiple imputation (MI) is a technique of replacing all the missing values/observation in a data set by a vector of plausible values. The author highlighted the advantages of MI to include: better statistical validity; higher statistically efficiency; adaptability to modern and sophisticated statistical software. The use of a vector of plausible value and not just a single imputed value also addresses the concerns of accuracy, variance and standard error raised in the discussion of single imputation. However, Soley-Bori, M (2013) highlighted that "MI solves the limitations of single imputation by introducing an additional form of error based on variation in the parameter estimates across the imputation, which is called *between imputation error*". And that "When the data is MAR, multiple imputation can lead to consistent, asymptotically efficient, and asymptotically normal estimates". Allison, P. D (2000) reiterated the basic steps in MI as proposed by Robin, B. D (1987) as:

i. Impute missing values using an appropriate model that incorporates random variation.
ii. Do this M times (usually 3-5 times), producing M "complete" data sets.
iii. Perform the desired analysis on each data set using standard complete-data methods.
iv. Average the values of the parameter estimates across the M samples to produce a single point estimate.
v. Calculate the standard errors by :
    - averaging the squared standard errors of the M estimates
    - calculating the variance of the M parameter estimates across samples, and
    - combining the two quantities

2.1.1.2. ADVANCED METHODS

Apart from MI, there are a number of other advance imputation techniques in missing data analysis. Most of these techniques are maximum likelihood and Bayesian procedure which includes:

i. ***EM Agorithm***: The EM algorithm generates maximum likelihood estimates through a set of an interactive software procedure. At the E-step, observations are read into the system one at a time; if data is reported then the sums, sums of cross products and the sums of squares are augmented. If however, no value is reported, then a regression based best guest of the value is adopted. The M-step entails the estimation of the mean, variance and covariance based on the retained values of the sums, sums of cross products and the sums of squares. Being an interactive application, the based guest of the missing values is updated during the next E-step based on the computed covariance and new regression for predicting each variable. However, the EM algorithm does not generate standard errors but its parameter estimates are as good as any other maximum likelihood estimator.

ii. ***Full Information Maximum Likelihood***: The full information maximum likelihood (FIML) otherwise known as "Direct Maximum Likelihood" generated unbiased parameter estimate as well as standard errors for MCAR and MAR. The procedure entails the estimation of a likelihood function for each observation based on the available data and variables. FIML procedure uses all the information in the data set. It generates the mean and variance for the missing observations in each variable by using the information observed for other variables for those points.

iii. **Non-Linear Iterative Partial Least Squares (NIPALS)**: This category of models was first developed in the area of Chemistry (chemo-metrics and analytical chemistry) because of the analytical problem of strong non-linear relationship in data sets. It is precipitated on the argument that although linear model would provide simple approximation of non-linear problems, such models perform poorly whenever the non-linearity issues are very sever. NIPALS modeling was introduced by pioneer works of Wold, H (1974) and S. Wold, Kettaneh-Wold, N. and Skagerberg (1989). It involves applying a non-linear transformation of the observed variables, reconstruction of a new linear representation, and application of the basic principles of partial least squares.

2.2. EMPIRICAL REVIEW OF LITERATURE

The problem of analyses with missing data was revolutionized in 1987 with two major publications. These include a book entitled "Multiple Imputation for Non-response in

Surveys" by Donald B. Rubin and a joint publication by Roderick J. Little and Rubin titled "Statistical Analysis with Missing Data". These two significant publications and two other articles by Allison (1987) and Muthen et al (1987) on structural equation models for analyses with missing data as well as the growing involvement of personal computers set the tone for the development of several missing data analyses software in the next two decades. Subsequent publication by Tanner, M.A and Wong, W.H (1987) on data augmentation would also set the stage for software applications on analyses on missing data using multiple imputations. They noted that augmentation scheme makes it possible to easily analysis data sets with missing values with the assumption that every data set is augmented by a "latent" data set.

Over the years, several methods have evolve in handling the problems of missing data (most of which have discussed in the section above). Piggot, T. D (2001) provided a review of these methods by using data from an intervention study designed to increase students' ability to control their asthma symptoms. The paper applied the complete case analysis, available case, maximum likelihood and multiple imputations on the data set and compared the results. The author found that although the point estimates provided by available case were quite close to the model based methods, there were however, no statistically limits/conditions as to when the estimates from the available case would continue to be unbiased. Raghunathan, T.E (2004) also reviewed three approaches for analyzing incomplete data, namely: weighting available responses, multiple imputations and maximum likelihood. He found the maximum likelihood to be the best method since it works directly with the likelihood of the observed incomplete data.

Soley-Bori, M (2013) reviewed the key assumption and methods of applied analysis with missing data. The author reviewed the missing data mechanisms, the patterns of missingness as well as the conventional methodologies in missing data analysis such as list-wise deletion, imputation methods, multiple imputation, maximum likelihood and Bayesian methods; highlighting the advantages and limitations in each case. The paper compared the various methods of imputation for missing data by simulating with random values set to missing. The author also provided a practical review of the analysis of missing data in SAS, STRATA.

Yuan, Y. C. (2000) reviewed the basic concepts of missing data, the various methods of analysis as well as the applications of some multiple imputation procedures. The paper also introduced a new SAS procedure (introduced with the SAS 8.0) for implementing multiple imputations for multivariate data set with missing observations as well as the analysis/interpretation of the results from multiply imputation. Graham, J.W (2009) presented a summary of literature on missing data with theoretical backgrounds and descriptions of a number of multiple imputation techniques as well as maximum likelihood methods. The author also discussed a number of practical issues that researchers face in missing data analysis in real life. The study concluded that the quality of research have been enhanced in recent years with availability of several useful computer programs and applications for analyzing missing data with capabilities of performing procedures such as multiple imputation with the normal model or maximum likelihood methods.

Reiter, J.P and Raghunathan, T (2007) examined the adaptations of the multiple imputation framework to missing data cases in large and small samples size, issues of data confidentiality, and measurement error. They found that the application of the multiple imputation framework has gone beyond the traditional context of non-response in large sample survey to Individual researches with relative samples mainly with the development in software such as SAS, Stata, and S-Plus.

3. METHODOLOGY

While most research in this area are geared towards theorectically reviewing the various imputation techniques, this dissertation would be more practical in undertaking and quantifying the implication of the various imputation technique on analysis outcome using a part of the data from the BES of the CBN. The project will undertake a principal component analysis (PCA) of the responses in the BES by respondents for the question: "How do you agree on the impact of the following constraints on your business". The question is basically trying to capture respondents' perception on the various factors that affect their business and business generally, in Nigeria. The following 12 identified constraints are available to respondents:

i. High Interest Rate
ii. Unclear Economic Law
iii. Lack of Equipment
iv. Insufficient Demand
v. Access to Credit
vi. Financial Problem
vii. Competition
viii. Labour Problems
ix. Lack of Materials Input
x. Unfavourable Political Climate
xi. Unfavourable Economic Climate
xii. Insufficient Power Supply

Respondents are expected to rate the impact of the 12 factors listed above on business for a given quarter using 5-point Likert-type scale to show their level of agreement/disagreement:

- Strongly Agree
- Agree
- Neither Agree nor Disagree
- Disagreed
- Strongly Disagree

During the analysis, these five levels of responses are treated as an interval scale and measured/quantified using the using a 5-point scaling system of:

- Strongly Agree – 5
- Agree – 4
- Neither Agree nor Disagree – 3
- Disagreed – 2
- Strongly Disagree - 1

Our analysis would be based on the qauntitation values assigned to the reponses for the various respondents. For this project, the analysis will be based on the responses of 1,849 respondents to the question of the impact of afore listed constraints on business during the BES of the fourth quarter (Q4) of 2014. This period was selected because of the relative high repondence rates obtained for such surveys thus the enormous completed data sets available for the analysis. As highlighted earlier, recent surveys are plaqued with increasing level of item non-response.

Firstly, we will generate some summary statistics and the disjunctive table, which will show the proportion of the 1,849 respondents that answered each of the five possibilities of the likert scale for the 12 constraints. Given the responses provided by respondents for each of the 12 constraints (variables), a disjunctive table will associate to each of the initial complete data sets a vector:

$$[n_{01}, n_{02}, \dots, n_{05}, \dots n_{060}]$$

where n_{01} represents the number of respondents that choose the first modality for the first question, n_{05} represent number of respondents that choose the last modality for the first question and n_{060} represent number of respondents that choose the last modality for the last question.

Then, using a completely randomize scheme (table of random numbers) we will exclude 15, 25 and 35 percent of responses, respectively, as if they were item non-response and proceed to replace them with the various imputation technique. For this project, the following imputation technique would be employed:

i. Non-linear Iterative Partial Least Squares (NIPALS)
ii. Multiple Imputation (MI)
iii. Mean Replacement (MREP)

iv. Nearest Neighbour

After imputation for each of the proportion of missing observation, we would re-compute the summary statistics and the disjunctive table of the derived data sets and and the result compared with those of the original data sets.

To evaluate relative performance of the various missing data imputation, the data matrice from each imputation technique and disjunctive tables would be compared using the RV coefficient. The coefficient made popular by the works of Escoufier, Y (1973) and Robert, P and Escoufier, Y. *(1976)*, measures similarity between two datasets/matrices such that a value of 1 indicates complete similarity and 0 indicates complete dissimilarity. This coefficient, which is a generalization of the square of Spearman's correlation coefficient will be used to recommend the best imputation technique for the data set.

Following Robert, P and Escoufier, Y. *(1976), if* X (n × p) and Y (n × p) corresponding to two matrices of sets of observation from the same n individuals. Then the RV coefficient as a measurement of the closeness/similarity between X and Y is define as:

$$RV(X,Y) = \frac{tr(XX^TYY^T)}{\sqrt{tr(XX^T)^2 tr(YY^T)^2}} \qquad (1)$$

Due to the inherent low variabilities in the responses and those likely to be predicted by the various imputation technique for the missing values, we expect to have very high RV coefficients (very close to 1). In a bid to address this issue, this project will go a step further by generating a better discriminating coefficient which we will call, RV (adjusted).

To do this, we will introduce a control quantity tagged, MinRV(X,Y). MinRV(X,Y) is the value of the RV coefficient when you replace each missing data by a modality most different from the true response. That is, if R(n,p) represent the matrix of the true responses, we will define a certain O(n,p) as the matrix of opposite modalities completely different from the true response whose element are defined as follows:

$$O_i(n,p) = \begin{cases} 5 \;\; if\; R_i(n,p) < 3\; (most\; different\; from\; 1\; or\; 2) \\ 3\; if\; R_i(n,p) = 3\; (intermediate\; value) \\ 1\; if\; R_i(n,p) > 3\; (most\; different\; from\; 4\; or\; 5) \end{cases} \qquad (2)$$

And MinRV as the RV coefficient between R(n,p) and O(n,p) ie

$$MinRV(R,O) = \frac{tr(RR^T OO^T)}{\sqrt{tr(RR^T)^2 tr(OO^T)^2}} \quad (3)$$

Finally, we will define the RV(adjusted) as follows:

$$RV(adjusted) = \frac{(RV(X,Y) - MinRV(R,O))}{(1 - MinRV(R,O))} \quad (4)$$

Where RV(X,Y) is similar to that generated by equation (1) - for comparing both the complete data sets and the disjunctive tables and MinRV(X,Y) is as defined in equation (3). The RV(*adjusted*) will provide a better discriminating factor in order to judge the performance of the four (4) missing data imputation procedure that is to be undertaken.

The issue of generating non-integer values to replace the missing values by any of the selected imputation technique (ie values with decimal values) considered distinct from the five(5) possible modalitie of 1-5 available to respondents are addressed through the following transformation on the predicted values:

$$True\ Predt(X_{ij}) = \begin{cases} Next\ Integer\ (predt(X_{ij}),\ if\ predt(X_{ij}) < 5 \\ 5 \qquad\qquad if\ integer\ part\ of\ predt(X_{ij}) = 5 \end{cases} \quad (5)$$

Considering the nature of the data sets used for the project (ordinal variables), summary statistics such as mean and standardard deviation would not provide sufficient information on the distribution of the choice of 1-5 available to respondents. Inplace of the mean and stardard deviation, we will be considering the evolution of median and inter-quartile range (IQR) of each variables. The IQR is a robust measure of dispersion that can tell if reponses for each variable are closed or scattered across all the range of possibilities of 1-5.

To undertake the MCA, let D_I be a diagonal matrix which gives weights associated to each respondent $D_I = \frac{1}{n} I_n$ where n represent sample size and I_n the identity matrix. Let D_j denote a diagonal matrice which gives weight associated to each item of the BES:

$$D_j = \begin{pmatrix} f_1 & \cdots & 0 \\ \vdots & \ddots & \vdots \\ 0 & \cdots & f_{60} \end{pmatrix} \quad (6).$$

Where $\sum_{j=1}^{60} f_{.j} = 1$ and $f_{.j}$ is the proportion of respondents that have chosen a certain modality j(j=1,2,……,60). If n_j represent total number of respondents choosing modalities j then $f_{.j} = \frac{n_j}{12n}$. Let also X be the table of frequencies obtained from the disjunctive table diving all cells by 12n. It can be shown that PCA associated to the cluster of respondents is obtained diagonalizing matrice $({}'XD_I^{-1}XD_j^{-1})$:

$$({}'XD_I^{-1}XD_J^{-1})\mu_k = \lambda_k\mu_k \qquad (7)$$

Where λ_k is eigenvector of such matrice and μ_k is the associated eigenvector which generate K principal axe. From μ_k we can easily obtain principal components of the cluster J related to the answers of the questionnaires (60x1):

$$Y_J^k = \frac{1}{\sqrt{\lambda_k}} D_J^{-1}\,\mu_k \qquad (8)$$

So we will get a configuration of modalities of 12 constraints on a lower dimension space using the table: $Y_{j_0} = \left[Y_{j_0}^1, Y_{j_0}^2, \ldots\ldots\ldots, Y_{J_0}^q\right]$. Where q is the number of eigen values retained and $Y_{J_o}^k$ is the k – principal component of the study.

The same procedure is repeated with the inclusion of disjunctive tables. With each imputation technique we will obtain the following principal coordinates: $Y_{J_1} = \left[Y_{j_1}^1, Y_{j_1}^2, \ldots\ldots\ldots, Y_{j_1}^q\right], Y_{J_2} = \left[Y_{j_2}^1, Y_{j_2}^2, \ldots\ldots\ldots, Y_{y_2 j}^q\right], \ldots\ldots, Y_{J_4} = \left[Y_{j_4}^1, Y_{j_4}^2, \ldots\ldots\ldots, Y_{j_4}^q\right]$.
Finally, we will then compare each of the four(4) configuration on lower dimentional space with the initial configuration using the RV coefficient and the RV(adjusted) discussed earlier.

4. RESULTS AND DISCUSSION

A cursory look at the evolution of the summary statistics (median and IQR) of the 12 variable for the initial complete data sets (before treatment) and the various data sets generated using each of the 4 imputation technique showed not significant change in the median between the data sets. However, there were noticeable difference in the IQR of the variables for the various proportion of missing data of 15%, 25% and 35% (Table 1, 2, and 3 respectively).

With 15% missing observations, the most significant variation in the IQR (a measure of spread of the responses) was in the data sets generated by MREP and MI while there was no change in the IQR with the data set generated by the nearest neighbour techniques. Quantitively, there was over 1.0 likert scale/a choice difference in the spread of the data sets generated by MREP when compared to the respondents' choices in the original data sets. Ditto for the data sets from MI, which recorded a different of 0.8 in IQR of the respondent choices. The analysis indicated that nearest neighbour impution techniques as the best in terms of these selected summary statistics with 15% missing observations.

The result of the summary statistics was however different with 25% missing observations. There were changes in the median and IQR of the respondent choices. The highest difference in the of 0.7 in the median of choice was recorded in the data generated by MREP while a joint high of 1.0 in the difference in the spread of the respondents' choices was recorded in the data sets from MREP and nearest neighbour. Data sets generated with the NIPALS technique performed best in this category with no difference in median choice and a 0.5 choice difference in the spread of respondents choices in the original data set.

Similar trends were found with 35% missing observations with the MREP generated data set again recording the biggest differences in both the median of the respondents' choices and the spread measure (IQR) of 1.0 and 0.7, respectively. Data sets from the NIPALS technique was again tops with no difference in median choice and a 0.5 choice difference in the spread of respondents choices in the original data set.

In terms of the RV coefficients and the RV(adjusted) from comparing the original data vis-a-vis the data generated by the various imputation techniques, the NIPALS imputation

technique performed best for the various proportion of missing observations (table 4a). NIPALS recorded the highest RV coefficients of 0.993, 0.989 and 0.987 and RV(adjusted) of 0.94, 0.90 and 0.88 in the comparison of the data sets for 15%, 25% and 35% missing observations, respectively. The lowest RV coefficients of 0.992, 0.986 and 0.984 and RV(adjusted) of 0.92, 0.87 and 0.85 in the comparison of the data sets for 15%, 25% and 35% missing observations, respectively, was recorded by the nearest neighbour imputation technique.

We will like to note at this point that the RV coefficient generated from comparing the data sets generated by the various missing data techniques and the original complete data set are very close to 1. This situation can be partially explained by structure of the questionnaire/response which does not allow the data generated to be very different from the reference tables (ie the missing values are not replaced by modalities that are very different/opposite to those in the original data). The RV(adjusted) coefficient provides a more noticeable difference when comparing these data sets.

However, there were contrasting results in the performance of the various missing data techniques with respect to the comparison of their disjunctive tables. Unlike the previous result, the highest RV coefficients of 0.986, 0.975 and 0.970 and RV(adjusted) coefficients of 0.868, 0.768 and 0.719 in the comparison of the disjunctive tables for 15%, 25% and 35% missing observations, respectively, was recorded by the data set from Nearest Neighbour imputation technique. The data set from NIPALS data imputation technique was second best in comparing the disjunctive tables. While the lowest RV coefficient of 0.980, 0.962 and 0.955 as well as RV (adjusted) coefficients of 0.813, 0.651 and 0.589 in the comparison of the disjunctive tables for 15%, 25% and 35% missing observations, respectively, was recorded by the mean replacement imputation technique.

The MCA result showed main relation between the 12 contraints (variables). For each of the data sets generated by the various missing data imputation technique, we were able to retain 13 eigen values with a cummulative inertia that explained at least 50 per cent of the variation in the data sets for all the proportions of missing observations (Table 6). A quick glance at the RV coefficients and RV(adjusted) from comparing the matrices of coordinates showed a perfect coefficients of almost 1 for all the imputation techniques for the various

proportion of missing data (Table 5a). This indicated that the data sets from the various imputation technique retained significantly the original relationship amongst the constraints. However, the highest RV and Rv(adjusted) in comparing such matrice was by Nearest Neighbour imputation, followed by NIPALS. It would be perfectly possible to retain just the first five eigen values. It is expected that five first axes explain main relations between items.

A more detailed analysis of the result of the RV coefficient and RV(adjusted) from comparing the matrices from the MCA/principal coordinates showed similar outcome to those from the earlier comparison of the disjunctive tables (Table 5b). In comparing the matrice of principal cordinates (variables), Nearest Neighbour recorded the highest RV coefficients of 0.998, 0.999 and 1.000 and RV(adjusted) coefficients of 0.982, 0.993 and 1.000 for 15%, 25% and 35% missing observations, respectively. This performance was followed by NIPALS with RV coefficients of 0.996, 0.996 and 0.995 and RV(adjusted) coefficients of 0.961, 0.961 and 0.958 for 15%, 25% and 35% missing observations, respectively. Similar results were obtained in the comparison of matrice of contribution of variables (Table 5c). In all cases, Nearest Neighbour imputation technique was tops in terms of the RV coefficients and RV(adjusted).

5. CONCLUSIONS

Simple and conventional imputation technique such as MREP perform relatively well with lower proportion of missing observations. As the proportion of missing data increases to more significant levels such as 25-35%, the common opinion has been that data analyst require more advanced imputation technique such as NIPAL and MI in the generation of the missing values as a result of item non-response for likert type scaled response questions. This study has however, proven otherwise; it has highlighted the relative efficiency in simplified techniques such as Nearest Neighbour, which has emerged as the best missing data technique in this project.

Although the proportion of missing observations have significant role to play in the choice of missing data technique required. Data analyst for the BES conducted by the CBN may not necessarily have to resort to complex imputation techniques because increasing item non-response. Considering the additional software requirements/cost relatively simple technique such as Nearest Neighbour would also provide optimal/efficient result.

6. LIMITATIONS AND RECOMMENDATIONS FOR FUTURE WORKS

Computation of the Burt Tables associated to each imputation method would produce interesting summary statistics to compare these methods. An inferential procedure will be done in future to compare vectors of proportion of answers for each modality, using several imputation techniques.

The methodology applied in this project would provide more interesting results for questionnaires with higher variability than likert type scale of the responses, say one with ordinal scale of 1-10. This would allow the generation of data sets/disjunctive tables that could be more different from the reference tables and missing values likely to be replaced by more heterogenous modalities.

7. BIBLIOGRAPHY

Allison, P. D (2003): Missing Data Techniques for Structure Equation Modelling, *Journal of abnormal psycology*, Vol. 112, No 4 pp 545 - 557

Allison, P. D (2002): Missing Data, Thousand Oaks, CA: Sage

Allison, P. D. (2000): Multiple Imputation for Missing Data: A cautionary Tale, *Sociological Methods and Research,* 28, 301-309.

Berglund, P and Heeringa, S. G (2014): Multiple imputation of missing data using SAS, ed. SAS

Bennet, D.A. (2001). How can I deal with missing data in my study? Australian and New Zealand Journal of Public Health, 25, 464–469.

Bryk, A. S and Randenbush, S. W. (1992): Hierarchical linear models, Thousand Oaks, CA: Sage

Bunren, S. V (2012): Flexible imputation of missing data, ed. Chapman and Hall

Carpenter, J and Kenward, M (2013): Multiple imputation and its applications, 3 ed. Wiley

Cleveland, W. S (1983): Visualizing data. Summit

Enders, C. K (2010): Applied missing data Analysis, New York, the Guilford Press

Escoufier, Y. (1973): "Le Traitement des Variables Vectorielles". *Biometrics. International Biometric Society.* 29 *(4): 751–760*

Garson, G. David (2015) – Missing values analysis and data imputation, ed. Statistical Associated

Graham, J.W (2009): Missing data analysis: Making it work in real life, *Annual Review of Psychology*, Vol. 60: 549-576

Graham, J. W. (2012) – Missing Data, Analysis and design, Springer.

Gelman, A and Hill, J (2006): Missing-data imputation, *Data analysis using regression and multilevel/hierarchical models*, Columbia University, New York, pp 529 - 543

Gomes, P (2016): Missing Data – an introductory course, Lecture Note, NOVA Information Management School

Klebanoff, M.A. and Cole, S.R. (2008): Use of multiple imputations in the epidemiologic literature, American Journal of Epidemiology, 168, 355–357.

Knol, M.J. *et al*. (2010): Unpredictable bias when using the missing indicator method or complete case analysis for missing confounder values: an empirical example, Journal of Clinical Epidemiology, 63, 728–736.

Lebart, L., Morineau, A and Warwick, K. (1984): Multivariate descriptive statistical analysis, Wiley.

Little, R.J. (1988): A test of missing completely at random for multivariate data with missing values, *Journal of American Statistical Association*, 83, 1198–1202.

Little, R.J and Rubin, D.B (2002): Statistical analysis with missing data, 2nd ed., New York: John Wiley and Sons, Inc., 381 pages.

Nakai, M. and Weiming, K (2011): Review of Methods for Handling Missing Data in Longitudinal Data Analysis, International Journal of Mathematical Analysis. Vol. 5, no.1, 1-13.

Nakagawa, S. and Freckleton, R.P. (2010): Model averaging, missing data and multiple imputations: a case for behavioural ecology, Behavioural Ecology Sociobiology, 65, 103–116.

Piggot, T.D (2001): Review of Methods with Missing Data, *Educational Research and Evaluation*, Vol.7, No.4, pp. 358 -385

Raghunathan,T.E (2004): What do we do about missing data? Some option for analysis of incomplete data, Annual Reviews of Public Health 25: 99–117

Reiter, J.P and Raghunathan, T (2007): The multiple adaptations of multiple imputation, *Journal of the American Statistical Association*, 102(480): 1462-1471.

Robert, P and Escoufier, Y. *(1976).* "A Unifying Tool for Linear Multivariate Statistical Methods: The RV-Coefficient". *Applied Statistics***.** 25(3): 257–265.

Rubin, B.D (1987): *Multiple imputations for nonresponse in surveys*, 1st ed., John Wiley and Sons Incs., New York

Rubin, B.D and Little, R.J (1987): Statistical Analysis with missing data, John Wiley and Sons, New York

Schafer, J.L. (1997): *Analysis of incomplete multivariate data*, 1st ed., London: Chapman and Hall, 430 pages.

Soley-Bori, M (2013): The Calculation of Posterior Distributions by Data Augmentation, *Technical Report N0. 4*, Boston University School of Public Health, May 6, 2013

Tanner,M.A and Wong,W.H (1987): The Calculation of Posterior Distributions by Data Augmentation, *Journal of the American Statistical Association*, Vol. 82, No. 398. (Jun., 1987), pp. 528-540

Wold, H (1974): Causal Flows with Latent Variables: Partings of the Ways in the Light of NIPALS Modelling, European Economic Review, *5*, 67-86. North Holland Publishing.

Wold, S., Kettaneh-Wold, N. and Skagerberg (1989): Non-linear PLS Modeling, *Chemometrics and Intelligent Laboratory Systems*, 7, 53-65

Yuan, Y. C. (2000). Multiple imputation for missing data: Concepts and new development. *In Proceedings of the Twenty-Fifth Annual SAS Users Group International Conference* (Paper No. 267). Cary, NC: SAS Institute.

8. APPENDIX (ANALYTICAL TABLES)

TABLE 1 : Effect of Each Missing Data Technique on Summary Statistics (with 15% Missing Observations)

	Non-Linear Iterative Partial Least Squares (NIPALS)						Multiple Imputation (MI)						Mean Replacement						Nearest Neighbour					
	Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference	
Variable/Missing Data Technique	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR
Impact_of_high_interest_rate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Unclear_economic_laws	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000
Impact_of_Lack_of_equipments	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Insufficient_Demand	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000
Impact_of_Access_to_credit	2.000	2.000	2.000	1.752	0.000	0.248	2.000	2.000	2.000	1.221	0.000	0.779	2.000	2.000	2.000	1.000	0.000	1.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Financial_Problem	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_competition	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Labour_Problems	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000
Impact_of_Lack_of_materials	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000
Impact_of_Political_climate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Economic_Climate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Power_Supply	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000
Total Difference					**0.000**	**0.248**					**0.000**	**0.779**					**0.000**	**1.000**					**0.000**	**0.000**

TABLE 2: Effect of Each Missing Data Technique on Summary Statistics (with 25% Missing Observations)

	Non-Linear Iterative Partial Least Squares (NIPALS)						Multiple Imputation (MI)						Mean Replacement						Nearest Neighbour					
	Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference	
Variable/Missing Data Technique	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR
Impact_of_high_interest_rate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Unclear_economic_laws	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000
Impact_of_Lack_of_equipments	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.255	2.000	0.255	0.000	2.000	2.000	2.678	2.000	0.678	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Insufficient_Demand	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000
Impact_of_Access_to_credit	2.000	2.000	2.000	1.468	0.000	0.532	2.000	2.000	2.000	1.243	0.000	0.757	2.000	2.000	2.000	1.000	0.000	1.000	2.000	2.000	2.000	1.000	0.000	1.000
Impact_of_Financial_Problem	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_competition	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Labour_Problems	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000
Impact_of_Lack_of_materials	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000
Impact_of_Political_climate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Economic_Climate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Power_Supply	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000
Total Difference					**0.000**	**0.532**					**0.255**	**0.757**					**0.678**	**1.000**					**0.000**	**1.000**

TABLE 3 : Effect of Each Missing Data Technique on Summary Statistics (with 35% Missing Observations)

	Non-Linear Iterative Partial Least Squares (NIPALS)						Multiple Imputation (MI)						Mean Replacement						Nearest Neighbour					
	Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference		Before Treatment		Post Treatment		Absolute Difference	
Variable/Missing Data Technique	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR
Impact_of_high_interest_rate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Unclear_economic_laws	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000
Impact_of_Lack_of_equipments	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.018	2.000	0.018	0.000	2.000	2.000	2.680	2.000	0.680	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Insufficient_Demand	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000	2.000	1.000	2.000	1.000	0.000	0.000
Impact_of_Access_to_credit	2.000	2.000	2.000	1.485	0.000	0.515	2.000	2.000	2.000	1.120	0.000	0.880	2.000	2.000	2.000	1.000	0.000	1.000	2.000	2.000	2.000	1.000	0.000	1.000
Impact_of_Financial_Problem	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_competition	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Labour_Problems	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000
Impact_of_Lack_of_materials	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000	3.000	2.000	3.000	2.000	0.000	0.000
Impact_of_Political_climate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Economic_Climate	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000	2.000	2.000	2.000	2.000	0.000	0.000
Impact_of_Power_Supply	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000	1.000	1.000	1.000	1.000	0.000	0.000
Total Difference					**0.000**	**0.515**					**0.018**	**0.880**					**0.680**	**1.000**					**0.000**	**1.000**

TABLE 4a : Result of the RV Coefficient Analysis of Completed Data Sets Generated by Each Missing Data Techniques with Various Proportion of Missing Observations

With 15 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.99341	0.93935
Multiple Imputation	0.99302	0.93576
Mean Replacement	0.99259	0.93174
Nearest Neighbour	0.99198	0.92609

With 25 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.988920	0.89795
Multiple Imputation	0.988175	0.89110
Mean Replacement	0.986373	0.87451
Nearest Neighbour	0.986151	0.87246

With 35 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9868023	0.87846
Multiple Imputation	0.9852658	0.86431
Mean Replacement	0.9840688	0.85328
Nearest Neighbour	0.9836642	0.84956

***Adjusted RV Coefficient = (RV coefft - Min RV)/(1 - Min RV)**

Where MinRV is the RV of the original data and the data set of completely opposite modalities for missing observations

MinRV= 0.891416719

TABLE 4b : Result of the RV Coefficient Analysis for Disjunctive Tables of the Data Sets from Each Missing Data Techniques with Various Proportion of Missing Observations

With 15 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9815	0.82965
Multiple Imputation	0.9807	0.82230
Mean Replacement	0.9797	0.81342
Nearest Neighbour	0.9857	0.86811

With 25 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.966	0.68405
Multiple Imputation	0.964	0.66709
Mean Replacement	0.962	0.65136
Nearest Neighbour	0.975	0.76833

With 35 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9593	0.62517
Multiple Imputation	0.9578	0.61179
Mean Replacement	0.9553	0.58870
Nearest Neighbour	0.9695	0.71881

***Adjusted RV Coefficient = (RV coefft - Min RV)/(1 - MinRV)**

Where MinRV is the RV of the original data and the data set of completely opposite modalities for missing observations

MinRV= 0.891416719

TABLE 5a: Result of the RV Coefficient Analysis for MCA - Eigen Values and Inertia (%) from Each Missing Data Techniques vis-à-vis the Original Data Set with Various Proportion of Missing Observations

With 15 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	1.00000	0.99997
Multiple Imputation	0.99999	0.99986
Mean Replacement	0.99998	0.99978
Nearest Neighbour	1.00000	1.00000
With 25 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.99999	0.99994
Multiple Imputation	0.99996	0.99965
Mean Replacement	0.99991	0.99916
Nearest Neighbour	1.00000	1.00000
With 35 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.99999	0.99989
Multiple Imputation	0.99994	0.99943
Mean Replacement	0.99987	0.99881
Nearest Neighbour	1.00000	1.00000

*Adjusted RV Coefficient = (RV coefft - Min RV)/(1 - MinRV)

Where MinRV is the RV of the original data and the data set of completely opposite modalities for missing observations

MinRV= 0.891416719

TABLE 5b: Result of the RV Coefficient Analysis for MCA - Principal Cordinates (variables) from Each Missing Data Techniques vis-à-vis the Original Data Set with Various Proportion of Missing Observations

With 15 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9958	0.96128
Multiple Imputation	0.9954	0.95744
Mean Replacement	0.9956	0.95990
Nearest Neighbour	0.9981	0.98228
With 25 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9958	0.96115
Multiple Imputation	0.9952	0.95592
Mean Replacement	0.9951	0.95512
Nearest Neighbour	0.9992	0.99302
With 35 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9954	0.95794
Multiple Imputation	0.9946	0.95055
Mean Replacement	0.9945	0.94911
Nearest Neighbour	1.0000	1.00000

*Adjusted RV Coefficient = (RV coefft - Min RV)/(1 - MinRV)

Where MinRV is the RV of the original data and the data set of completely opposite modalities for missing observations

MinRV= 0.891416719

TABLE 5c: Result of the RV Coefficient Analysis for MCA - Contribution (variables) from Each Missing Data Techniques vis-à-vis the Original Data Set with Various Proportion of Missing Observations

With 15 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9995	0.99562
Multiple Imputation	0.9992	0.99262
Mean Replacement	0.9974	0.97584
Nearest Neighbour	0.9998	0.99851

With 25 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9986	0.98695
Multiple Imputation	0.9973	0.97534
Mean Replacement	0.9902	0.90983
Nearest Neighbour	0.9999	0.99933

With 35 Percent Missing Observations		
Missing Data Technique	**RV coefficients**	**Adjusted RV coefficients***
NIPALS	0.9979	0.98064
Multiple Imputation	0.9961	0.96371
Mean Replacement	0.9864	0.87481
Nearest Neighbour	1.0000	1.00000

***Adjusted RV Coefficient = (RV coefft - Min RV)/(1 - MinRV)**

Where MinRV is the RV of the original data and the data set of completely opposite modalities for missing observations

MinRV= 0.891416719

9. ANNEXES (RESULT OF MCA)

SELECTED RESULT OF MCA FOR ORIGINAL DATA SET													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.387	0.309	0.213	0.203	0.121	0.108	0.105	0.102	0.099	0.096	0.090	0.089	0.086
Inertia (%)	9.681	7.717	5.319	5.082	3.023	2.695	2.615	2.553	2.464	2.388	2.256	2.215	2.152
Cumulative %	9.681	17.397	22.716	27.799	30.822	33.517	36.132	38.684	41.149	43.536	45.793	48.008	50.160
Adjusted Inertia	0.110	0.060	0.020	0.017	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	48.076	26.434	8.720	7.492	0.736	0.312	0.235	0.184	0.121	0.077	0.025	0.014	0.004
Cumulative %	48.076	74.509	83.229	90.721	91.457	91.768	92.004	92.187	92.308	92.385	92.410	92.425	92.428
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.128	0.568	0.047	-0.196	-0.395	-0.133	-0.448	-0.142	-0.302	-0.175	-0.164	-0.126	0.134
Impact_of_high_interest_rate-2	-0.281	-0.354	-0.230	0.163	0.146	-0.003	-0.158	0.320	0.465	0.509	0.069	-0.084	-0.040
Impact_of_high_interest_rate-3	-0.193	-0.591	0.634	0.026	-0.151	0.332	1.136	-0.574	-0.180	-0.261	0.267	0.636	0.147
Impact_of_high_interest_rate-4	0.626	-0.291	-0.561	-0.510	1.403	0.520	0.222	0.646	-0.349	-1.589	-0.240	-0.205	-0.445
Impact_of_high_interest_rate-5	2.470	0.481	0.081	1.075	0.227	-0.858	0.460	-0.308	0.229	1.190	0.287	-0.181	-0.490
Impact_of_Unclear_economic_laws-1	-0.369	0.991	0.110	-0.086	0.155	-0.295	-0.333	-0.172	0.010	-0.235	0.070	-0.288	0.583
Impact_of_Unclear_economic_laws-2	-0.358	-0.186	-0.339	0.316	-0.005	0.022	0.008	0.121	0.102	0.325	-0.290	0.185	-0.230
Impact_of_Unclear_economic_laws-3	-0.026	-0.540	0.746	-0.127	-0.274	0.189	0.435	-0.402	-0.201	0.087	0.316	-0.153	0.231
Impact_of_Unclear_economic_laws-4	0.658	-0.445	-0.365	-0.976	0.412	0.354	-0.170	0.520	-0.120	-1.033	0.510	0.212	-0.323
Impact_of_Unclear_economic_laws-5	2.724	0.441	0.083	0.821	-0.540	-0.523	0.047	0.109	0.260	0.682	-0.564	-0.112	-0.805
Impact_of_Lack_of_equipments-1	-0.359	1.110	0.251	-0.072	0.139	0.262	0.189	0.125	0.131	0.030	0.348	-0.598	0.087
Impact_of_Lack_of_equipments-2	-0.455	-0.139	-0.436	0.490	0.018	-0.108	0.140	-0.026	-0.605	-0.048	-0.029	0.218	-0.408
Impact_of_Lack_of_equipments-3	-0.180	-0.587	0.914	0.169	-0.003	-0.347	-0.095	0.171	0.705	-0.268	-0.560	0.060	0.182
Impact_of_Lack_of_equipments-4	0.406	-0.440	-0.282	-0.863	-0.121	0.233	-0.242	-0.149	0.134	0.148	0.330	0.109	0.412
Impact_of_Lack_of_equipments-5	1.891	0.329	-0.081	0.589	-0.050	-0.224	-0.081	-0.137	0.063	0.249	-0.597	0.233	-0.314
Impact_of_Insufficient_Demand-1	-0.306	0.795	0.262	-0.109	-0.211	0.319	0.348	-0.282	0.165	0.085	0.261	-0.366	-0.062
Impact_of_Insufficient_Demand-2	-0.358	-0.168	-0.397	0.378	-0.001	-0.096	-0.066	0.027	-0.415	0.005	-0.131	0.270	0.017
Impact_of_Insufficient_Demand-3	-0.197	-0.595	0.835	0.101	0.244	-0.249	-0.097	0.233	0.417	-0.105	0.309	-0.020	0.309
Impact_of_Insufficient_Demand-4	0.461	-0.307	-0.343	-0.893	0.254	0.086	-0.236	-0.015	0.234	-0.117	-0.548	-0.121	-0.484
Impact_of_Insufficient_Demand-5	2.214	0.338	-0.155	0.640	-0.547	-0.266	-0.039	0.331	-0.199	0.256	0.409	0.341	0.660
Impact_of_Access_to_credit-1	-0.041	0.833	0.176	-0.368	-0.626	0.309	-0.231	0.032	-0.186	-0.071	-0.176	-0.112	-0.309
Impact_of_Access_to_credit-2	-0.298	-0.203	-0.362	0.166	0.068	-0.157	-0.523	0.238	0.135	0.072	0.396	-0.148	-0.002
Impact_of_Access_to_credit-3	-0.255	-0.562	0.588	0.255	-0.236	-0.097	0.960	-0.267	0.211	-0.389	-0.074	0.431	0.022
Impact_of_Access_to_credit-4	0.481	-0.371	-0.174	-0.578	1.074	0.329	0.263	-0.346	-0.231	0.221	-0.710	-0.229	0.748
Impact_of_Access_to_credit-5	1.778	0.456	-0.074	1.035	0.552	-0.782	0.406	0.083	-0.217	0.651	0.189	0.486	-0.478
Impact_of_Financial_Problem-1	-0.151	0.724	0.247	-0.202	-0.404	0.351	-0.025	-0.042	-0.070	-0.018	-0.044	0.022	-0.173
Impact_of_Financial_Problem-2	-0.254	-0.367	-0.404	0.199	0.038	0.024	0.015	0.354	0.037	0.134	0.191	0.080	-0.049
Impact_of_Financial_Problem-3	-0.199	-0.537	0.632	0.254	-0.042	-0.946	-0.217	-0.465	0.257	-0.710	0.311	-0.124	-0.022
Impact_of_Financial_Problem-4	0.682	-0.486	-0.204	-0.749	1.162	0.115	0.131	-0.720	-0.173	0.313	-1.049	0.024	0.490
Impact_of_Financial_Problem-5	2.593	0.426	-0.015	0.963	0.179	-0.194	0.502	0.595	-0.198	0.582	0.270	-0.566	0.726
Impact_of_competition-1	-0.222	0.711	0.083	-0.103	0.232	-0.067	0.220	0.131	-0.016	-0.011	0.025	0.342	-0.078
Impact_of_competition-2	-0.238	-0.335	-0.317	0.229	-0.186	0.274	0.097	0.230	-0.065	0.084	-0.278	-0.316	0.194
Impact_of_competition-3	0.023	-0.532	0.771	-0.193	-0.298	-0.239	-0.371	0.094	0.514	-0.243	0.334	0.490	-0.216
Impact_of_competition-4	0.374	-0.083	-0.354	-0.556	0.289	-0.500	-0.404	-1.316	-0.383	0.091	0.245	-0.704	-0.563
Impact_of_competition-5	2.601	0.354	0.178	1.047	0.412	0.403	0.206	0.380	-0.283	0.035	0.288	0.463	1.299
Impact_of_Labour_Problems-1	-0.459	1.320	0.416	-0.250	0.677	0.191	0.665	0.603	0.311	0.225	0.085	-0.294	-0.261
Impact_of_Labour_Problems-2	-0.453	-0.045	-0.592	0.550	0.159	-0.258	0.050	-0.085	-0.176	-0.315	0.174	-0.013	-0.009
Impact_of_Labour_Problems-3	-0.227	-0.467	0.848	0.265	-0.229	-0.070	-0.188	0.175	0.018	-0.021	-0.697	-0.230	-0.081
Impact_of_Labour_Problems-4	0.309	-0.311	-0.313	-0.894	-0.184	0.051	-0.056	-0.241	0.164	0.377	0.297	0.407	-0.017
Impact_of_Labour_Problems-5	1.515	0.374	0.191	0.495	-0.286	0.526	-0.381	-0.220	-0.332	-0.309	0.124	-0.184	0.551
Impact_of_Lack_of_materials-1	-0.369	1.213	0.317	-0.106	0.405	0.246	0.675	0.426	0.268	0.196	0.145	-0.274	-0.329
Impact_of_Lack_of_materials-2	-0.428	0.011	-0.574	0.556	0.023	-0.176	0.001	-0.276	-0.325	-0.247	0.139	-0.053	-0.029
Impact_of_Lack_of_materials-3	-0.256	-0.636	1.033	0.249	-0.002	0.004	-0.397	0.229	0.030	-0.093	-0.622	-0.064	-0.016
Impact_of_Lack_of_materials-4	0.310	-0.475	-0.328	-1.032	-0.017	-0.084	-0.021	-0.130	0.310	0.387	0.260	0.293	-0.009
Impact_of_Lack_of_materials-5	1.860	0.416	0.050	0.467	-0.752	0.377	-0.302	0.039	-0.241	-0.323	-0.083	0.038	0.746
Impact_of_Political_climate-1	-0.318	0.933	0.138	-0.161	0.294	-0.494	-0.131	0.002	0.055	0.012	-0.044	0.375	0.266
Impact_of_Political_climate-2	-0.374	-0.268	-0.573	0.387	-0.088	0.338	0.085	-0.322	0.355	0.012	-0.102	-0.043	0.053
Impact_of_Political_climate-3	-0.129	-0.736	1.081	0.054	0.250	0.434	-0.419	0.124	-0.622	0.436	0.312	-0.270	-0.282
Impact_of_Political_climate-4	0.643	-0.524	-0.303	-0.943	-0.626	-0.557	0.610	0.716	-0.489	-0.230	-0.175	-0.277	-0.125
Impact_of_Political_climate-5	2.189	0.372	0.173	0.767	-0.067	0.604	-0.160	-0.339	0.706	-0.732	0.300	-0.095	-0.424
Impact_of_Economic_Climate-1	-0.348	0.917	0.086	-0.129	0.345	-0.458	-0.143	-0.003	0.024	-0.026	-0.113	0.435	0.239
Impact_of_Economic_Climate-2	-0.336	-0.338	-0.439	0.331	-0.282	0.389	0.126	-0.362	0.313	-0.002	-0.060	-0.257	0.048
Impact_of_Economic_Climate-3	-0.008	-0.764	1.059	-0.006	0.486	0.352	-0.342	0.183	-0.644	0.413	0.423	-0.205	-0.283
Impact_of_Economic_Climate-4	0.818	-0.432	-0.231	-0.913	-0.789	-0.628	0.618	0.940	-0.643	-0.031	-0.127	-0.233	0.128
Impact_of_Economic_Climate-5	2.350	0.182	-0.059	0.566	0.291	0.395	-0.423	-0.192	1.015	-0.919	0.121	0.336	-1.125
Impact_of_Power_Supply-1	-0.119	0.344	0.040	-0.130	-0.165	0.207	-0.108	-0.071	-0.074	0.085	-0.177	0.339	-0.132
Impact_of_Power_Supply-2	-0.266	-0.494	-0.402	0.187	-0.014	-0.109	0.078	0.442	0.284	-0.165	0.233	-0.319	0.467
Impact_of_Power_Supply-3	0.130	-0.759	1.127	0.390	0.777	-0.248	-0.046	-0.364	-0.916	0.310	0.571	-0.094	-0.159
Impact_of_Power_Supply-4	0.606	-0.183	-0.091	-0.783	-0.207	-1.807	0.874	-0.829	0.537	-0.125	-0.179	-1.660	-0.499
Impact_of_Power_Supply-5	2.252	0.200	-0.171	0.829	1.047	0.735	-0.080	0.009	0.366	-0.581	0.022	-0.248	-0.168

SELECTED RESULT OF MCA FOR ORIGINAL DATA SET

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	691	0.031	0.001	0.033	0.000	0.006	0.040	0.005	0.060	0.006	0.029	0.010	0.009	0.006	0.007
Impact_of_high_interest_rate-2	626	0.028	0.006	0.011	0.007	0.004	0.005	0.000	0.007	0.028	0.062	0.076	0.001	0.002	0.001
Impact_of_high_interest_rate-3	293	0.013	0.001	0.015	0.025	0.000	0.002	0.013	0.163	0.043	0.004	0.009	0.010	0.060	0.003
Impact_of_high_interest_rate-4	146	0.007	0.007	0.002	0.010	0.008	0.107	0.017	0.003	0.027	0.008	0.174	0.004	0.003	0.015
Impact_of_high_interest_rate-5	93	0.004	0.066	0.003	0.000	0.024	0.002	0.029	0.008	0.004	0.002	0.062	0.004	0.002	0.012
Impact_of_Unclear_economic_laws-1	405	0.018	0.006	0.058	0.001	0.001	0.004	0.015	0.019	0.005	0.000	0.011	0.001	0.017	0.072
Impact_of_Unclear_economic_laws-2	733	0.033	0.011	0.004	0.018	0.016	0.000	0.000	0.000	0.005	0.003	0.036	0.031	0.013	0.020
Impact_of_Unclear_economic_laws-3	378	0.017	0.000	0.016	0.045	0.001	0.011	0.006	0.031	0.027	0.007	0.001	0.019	0.004	0.011
Impact_of_Unclear_economic_laws-4	235	0.011	0.012	0.007	0.007	0.050	0.015	0.012	0.003	0.028	0.002	0.118	0.030	0.005	0.013
Impact_of_Unclear_economic_laws-5	98	0.004	0.085	0.003	0.000	0.015	0.011	0.011	0.000	0.001	0.003	0.022	0.016	0.001	0.033
Impact_of_Lack_of_equipments-1	375	0.017	0.006	0.067	0.005	0.000	0.003	0.011	0.006	0.003	0.003	0.000	0.023	0.068	0.001
Impact_of_Lack_of_equipments-2	566	0.026	0.014	0.002	0.023	0.030	0.000	0.003	0.005	0.000	0.095	0.001	0.000	0.014	0.049
Impact_of_Lack_of_equipments-3	318	0.014	0.001	0.016	0.056	0.002	0.000	0.016	0.001	0.004	0.072	0.011	0.050	0.001	0.006
Impact_of_Lack_of_equipments-4	449	0.020	0.009	0.013	0.008	0.074	0.002	0.010	0.011	0.004	0.004	0.005	0.024	0.003	0.040
Impact_of_Lack_of_equipments-5	141	0.006	0.059	0.002	0.000	0.011	0.000	0.003	0.000	0.001	0.000	0.004	0.025	0.004	0.007
Impact_of_Insufficient_Demand-1	448	0.020	0.005	0.041	0.006	0.001	0.007	0.019	0.023	0.016	0.006	0.002	0.015	0.031	0.001
Impact_of_Insufficient_Demand-2	627	0.028	0.009	0.003	0.021	0.020	0.000	0.002	0.001	0.000	0.049	0.000	0.005	0.023	0.000
Impact_of_Insufficient_Demand-3	318	0.014	0.001	0.016	0.047	0.001	0.007	0.008	0.001	0.008	0.025	0.002	0.015	0.000	0.016
Impact_of_Insufficient_Demand-4	334	0.015	0.008	0.005	0.008	0.059	0.008	0.001	0.008	0.000	0.008	0.002	0.050	0.002	0.041
Impact_of_Insufficient_Demand-5	122	0.005	0.070	0.002	0.001	0.011	0.014	0.004	0.000	0.006	0.002	0.004	0.010	0.007	0.028
Impact_of_Access_to_credit-1	460	0.021	0.000	0.047	0.003	0.014	0.067	0.018	0.011	0.000	0.007	0.001	0.007	0.003	0.023
Impact_of_Access_to_credit-2	670	0.030	0.007	0.004	0.019	0.004	0.001	0.007	0.079	0.017	0.006	0.002	0.052	0.007	0.000
Impact_of_Access_to_credit-3	362	0.016	0.003	0.017	0.026	0.005	0.008	0.001	0.144	0.011	0.007	0.026	0.001	0.034	0.000
Impact_of_Access_to_credit-4	250	0.011	0.007	0.005	0.002	0.019	0.108	0.011	0.007	0.013	0.006	0.006	0.063	0.007	0.073
Impact_of_Access_to_credit-5	107	0.005	0.039	0.003	0.000	0.025	0.012	0.027	0.008	0.000	0.002	0.021	0.002	0.013	0.013
Impact_of_Financial_Problem-1	631	0.028	0.002	0.048	0.008	0.006	0.038	0.032	0.000	0.000	0.001	0.000	0.001	0.000	0.010
Impact_of_Financial_Problem-2	690	0.031	0.005	0.014	0.024	0.006	0.000	0.000	0.000	0.038	0.000	0.006	0.013	0.002	0.001
Impact_of_Financial_Problem-3	260	0.012	0.001	0.011	0.022	0.004	0.000	0.097	0.005	0.025	0.008	0.062	0.013	0.002	0.000
Impact_of_Financial_Problem-4	195	0.009	0.011	0.007	0.002	0.024	0.098	0.001	0.001	0.045	0.003	0.009	0.107	0.000	0.025
Impact_of_Financial_Problem-5	73	0.003	0.057	0.002	0.000	0.015	0.001	0.001	0.008	0.011	0.001	0.012	0.003	0.012	0.020
Impact_of_competition-1	548	0.025	0.003	0.040	0.001	0.001	0.011	0.001	0.011	0.004	0.000	0.000	0.000	0.033	0.002
Impact_of_competition-2	695	0.031	0.005	0.011	0.015	0.008	0.009	0.022	0.003	0.016	0.001	0.002	0.027	0.035	0.014
Impact_of_competition-3	310	0.014	0.000	0.013	0.039	0.003	0.010	0.007	0.018	0.001	0.038	0.009	0.017	0.038	0.008
Impact_of_competition-4	220	0.010	0.004	0.000	0.006	0.015	0.007	0.023	0.015	0.168	0.015	0.001	0.007	0.056	0.036
Impact_of_competition-5	76	0.003	0.060	0.001	0.001	0.018	0.005	0.005	0.001	0.005	0.003	0.000	0.003	0.008	0.067
Impact_of_Labour_Problems-1	224	0.010	0.005	0.057	0.008	0.003	0.038	0.003	0.043	0.036	0.010	0.005	0.001	0.010	0.008
Impact_of_Labour_Problems-2	538	0.024	0.013	0.000	0.040	0.036	0.005	0.015	0.001	0.002	0.008	0.025	0.008	0.000	0.000
Impact_of_Labour_Problems-3	405	0.018	0.002	0.013	0.062	0.006	0.008	0.001	0.006	0.005	0.000	0.000	0.098	0.011	0.001
Impact_of_Labour_Problems-4	493	0.022	0.005	0.007	0.010	0.087	0.006	0.001	0.001	0.013	0.006	0.033	0.022	0.042	0.000
Impact_of_Labour_Problems-5	189	0.009	0.050	0.004	0.001	0.010	0.006	0.022	0.012	0.004	0.010	0.009	0.001	0.003	0.030
Impact_of_Lack_of_materials-1	300	0.014	0.005	0.064	0.006	0.001	0.018	0.008	0.059	0.024	0.010	0.005	0.003	0.011	0.017
Impact_of_Lack_of_materials-2	577	0.026	0.012	0.000	0.040	0.040	0.000	0.007	0.000	0.019	0.028	0.017	0.006	0.001	0.000
Impact_of_Lack_of_materials-3	361	0.016	0.003	0.021	0.082	0.005	0.000	0.000	0.025	0.008	0.000	0.001	0.070	0.001	0.000
Impact_of_Lack_of_materials-4	443	0.020	0.005	0.015	0.010	0.105	0.000	0.001	0.000	0.003	0.019	0.031	0.015	0.019	0.000
Impact_of_Lack_of_materials-5	168	0.008	0.068	0.004	0.000	0.008	0.035	0.010	0.007	0.000	0.004	0.008	0.001	0.000	0.049
Impact_of_Political_climate-1	530	0.024	0.006	0.067	0.002	0.003	0.017	0.054	0.004	0.000	0.001	0.000	0.001	0.038	0.020
Impact_of_Political_climate-2	611	0.028	0.010	0.006	0.043	0.020	0.002	0.029	0.002	0.028	0.035	0.000	0.003	0.001	0.001
Impact_of_Political_climate-3	314	0.014	0.001	0.025	0.078	0.000	0.007	0.025	0.024	0.002	0.056	0.028	0.015	0.012	0.013
Impact_of_Political_climate-4	275	0.012	0.013	0.011	0.005	0.054	0.040	0.036	0.044	0.062	0.030	0.007	0.004	0.011	0.002
Impact_of_Political_climate-5	119	0.005	0.066	0.002	0.001	0.016	0.000	0.018	0.001	0.006	0.027	0.030	0.005	0.001	0.011
Impact_of_Economic_Climate-1	569	0.026	0.008	0.070	0.001	0.002	0.025	0.050	0.005	0.000	0.000	0.000	0.004	0.055	0.017
Impact_of_Economic_Climate-2	668	0.030	0.009	0.011	0.027	0.016	0.020	0.042	0.005	0.039	0.030	0.000	0.001	0.022	0.001
Impact_of_Economic_Climate-3	285	0.013	0.000	0.024	0.068	0.000	0.025	0.015	0.014	0.004	0.054	0.023	0.025	0.006	0.012
Impact_of_Economic_Climate-4	224	0.010	0.017	0.006	0.003	0.041	0.052	0.037	0.037	0.087	0.042	0.000	0.002	0.006	0.002
Impact_of_Economic_Climate-5	103	0.005	0.066	0.000	0.000	0.007	0.003	0.007	0.008	0.002	0.049	0.041	0.001	0.006	0.068
Impact_of_Power_Supply-1	1039	0.047	0.002	0.018	0.000	0.004	0.011	0.019	0.005	0.002	0.003	0.004	0.016	0.061	0.009
Impact_of_Power_Supply-2	480	0.022	0.004	0.017	0.016	0.004	0.000	0.002	0.001	0.041	0.018	0.006	0.013	0.025	0.055
Impact_of_Power_Supply-3	154	0.007	0.000	0.013	0.041	0.005	0.035	0.004	0.000	0.009	0.059	0.007	0.025	0.001	0.002
Impact_of_Power_Supply-4	100	0.005	0.004	0.000	0.000	0.014	0.002	0.137	0.033	0.030	0.013	0.001	0.002	0.140	0.013
Impact_of_Power_Supply-5	76	0.003	0.045	0.000	0.000	0.012	0.031	0.017	0.000	0.000	0.005	0.012	0.000	0.002	0.001

SELECTED RESULT OF MCA FOR NIPALS GENERATED DATA (with 15% Missing Observations)													
Total inertia:	4												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.389	0.307	0.211	0.202	0.121	0.107	0.104	0.101	0.099	0.095	0.090	0.088	0.087
Inertia (%)	9.720	7.667	5.275	5.057	3.028	2.681	2.606	2.531	2.471	2.381	2.254	2.195	2.168
Cumulative %	9.720	17.387	22.662	27.719	30.748	33.429	36.035	38.567	41.038	43.419	45.674	47.869	50.037
Adjusted Inertia	0.111	0.059	0.019	0.017	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	48.800	26.081	8.523	7.400	0.747	0.299	0.229	0.168	0.126	0.074	0.024	0.011	0.006
Cumulative %	48.800	74.880	83.404	90.804	91.551	91.850	92.079	92.247	92.373	92.447	92.472	92.482	92.488
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.135	0.565	-0.102	-0.198	-0.415	-0.088	0.335	-0.013	-0.457	-0.171	-0.160	-0.144	0.063
Impact_of_high_interest_rate-2	-0.282	-0.360	0.246	0.115	0.106	-0.008	0.296	-0.165	0.607	0.369	0.099	-0.078	0.174
Impact_of_high_interest_rate-3	-0.183	-0.600	-0.573	0.150	-0.040	0.194	-1.177	0.580	-0.234	-0.036	0.057	0.694	-0.117
Impact_of_high_interest_rate-4	0.662	-0.252	0.477	-0.539	1.428	0.684	-0.316	-0.797	-0.286	-1.413	0.210	-0.237	-0.731
Impact_of_high_interest_rate-5	2.449	0.553	0.201	1.052	0.270	-0.982	-0.188	0.578	0.516	1.116	0.017	-0.274	-0.117
Impact_of_Unclear_economic_laws-1	-0.390	0.971	-0.134	-0.066	0.119	-0.237	0.433	0.086	-0.230	-0.343	0.082	-0.073	0.660
Impact_of_Unclear_economic_laws-2	-0.361	-0.163	0.394	0.226	-0.003	-0.009	-0.027	-0.064	0.222	0.241	-0.309	-0.017	-0.319
Impact_of_Unclear_economic_laws-3	-0.017	-0.540	-0.754	0.049	-0.223	0.164	-0.471	0.380	-0.214	0.230	0.271	-0.074	0.347
Impact_of_Unclear_economic_laws-4	0.685	-0.468	0.155	-1.026	0.376	0.419	0.040	-0.656	-0.209	-0.707	0.567	0.527	-0.404
Impact_of_Unclear_economic_laws-5	2.638	0.466	0.119	0.818	-0.483	-0.585	0.151	0.229	0.572	0.383	-0.410	-0.538	-0.644
Impact_of_Lack_of_equipments-1	-0.381	1.115	-0.279	-0.018	0.146	0.231	-0.134	-0.071	0.127	0.047	0.476	-0.336	0.331
Impact_of_Lack_of_equipments-2	-0.457	-0.137	0.554	0.367	0.064	-0.121	-0.259	-0.117	-0.475	0.180	-0.063	0.072	-0.462
Impact_of_Lack_of_equipments-3	-0.173	-0.576	-0.823	0.389	-0.059	-0.340	0.199	0.003	0.597	-0.564	-0.373	-0.032	0.062
Impact_of_Lack_of_equipments-4	0.433	-0.441	0.067	-0.911	-0.125	0.277	0.274	0.196	0.012	0.098	0.100	0.231	0.386
Impact_of_Lack_of_equipments-5	1.844	0.348	0.233	0.526	-0.105	-0.195	0.058	0.029	0.126	0.166	-0.431	-0.053	-0.377
Impact_of_Insufficient_Demand-1	-0.320	0.802	-0.274	-0.038	-0.185	0.292	-0.312	0.313	0.068	0.140	0.442	-0.243	0.087
Impact_of_Insufficient_Demand-2	-0.363	-0.159	0.476	0.261	-0.010	-0.077	0.036	-0.150	-0.253	0.080	-0.339	0.122	-0.001
Impact_of_Insufficient_Demand-3	-0.170	-0.607	-0.825	0.305	0.219	-0.198	0.138	-0.145	0.254	-0.260	0.270	0.242	0.203
Impact_of_Insufficient_Demand-4	0.446	-0.307	0.147	-0.924	0.203	0.057	0.238	0.184	0.186	-0.178	-0.193	-0.367	-0.536
Impact_of_Insufficient_Demand-5	2.232	0.372	0.328	0.549	-0.424	-0.293	-0.083	-0.489	-0.135	0.268	-0.042	0.628	0.639
Impact_of_Access_to_credit-1	-0.064	0.822	-0.240	-0.330	-0.632	0.290	0.088	-0.054	-0.177	-0.060	-0.172	-0.207	-0.313
Impact_of_Access_to_credit-2	-0.289	-0.202	0.378	0.088	0.012	-0.082	0.569	-0.227	0.082	0.138	0.446	0.022	0.087
Impact_of_Access_to_credit-3	-0.251	-0.559	-0.460	0.372	-0.176	-0.196	-0.894	0.308	0.220	-0.361	-0.049	0.397	-0.061
Impact_of_Access_to_credit-4	0.477	-0.368	-0.013	-0.613	1.123	0.303	-0.210	0.265	-0.260	-0.017	-0.621	-0.419	0.581
Impact_of_Access_to_credit-5	1.727	0.476	0.338	0.997	0.595	-0.752	-0.254	-0.070	0.111	0.682	-0.343	0.355	-0.325
Impact_of_Financial_Problem-1	-0.165	0.714	-0.294	-0.158	-0.410	0.345	-0.087	0.009	-0.023	0.030	-0.003	-0.045	-0.199
Impact_of_Financial_Problem-2	-0.248	-0.343	0.438	0.106	-0.004	-0.006	0.071	-0.289	0.153	0.202	0.128	0.130	-0.050
Impact_of_Financial_Problem-3	-0.174	-0.548	-0.520	0.377	0.032	-0.899	0.155	0.497	-0.210	-0.745	0.425	0.156	-0.009
Impact_of_Financial_Problem-4	0.656	-0.489	0.005	-0.772	1.213	0.277	-0.079	0.467	-0.251	-0.068	-1.120	-0.403	0.663
Impact_of_Financial_Problem-5	2.646	0.469	0.196	0.969	0.239	-0.321	-0.297	-0.346	0.154	0.697	0.185	-0.367	0.460
Impact_of_competition-1	-0.236	0.691	-0.100	-0.087	0.242	-0.064	-0.221	-0.081	0.110	0.013	-0.062	0.276	-0.114
Impact_of_competition-2	-0.249	-0.338	0.397	0.142	-0.149	0.234	-0.139	-0.188	0.005	-0.051	-0.170	-0.347	0.160
Impact_of_competition-3	0.035	-0.508	-0.807	-0.012	-0.357	-0.164	0.467	-0.044	0.420	-0.212	0.221	0.448	-0.160
Impact_of_competition-4	0.447	-0.047	0.154	-0.571	0.273	-0.506	0.433	1.059	-0.861	0.422	0.513	-0.525	-0.458
Impact_of_competition-5	2.558	0.410	0.065	1.030	0.350	0.477	-0.360	-0.560	-0.131	0.056	-0.414	0.811	1.364
Impact_of_Labour_Problems-1	-0.486	1.286	-0.432	-0.131	0.709	0.156	-0.556	-0.416	0.691	0.228	0.304	-0.330	-0.093
Impact_of_Labour_Problems-2	-0.455	-0.053	0.723	0.410	0.191	-0.231	-0.038	-0.008	-0.294	-0.198	0.237	0.105	-0.068
Impact_of_Labour_Problems-3	-0.213	-0.455	-0.763	0.439	-0.216	-0.093	0.153	-0.113	0.027	-0.234	-0.539	-0.514	-0.072
Impact_of_Labour_Problems-4	0.301	-0.317	0.086	-0.932	-0.185	0.032	0.127	0.354	0.206	0.357	-0.070	0.442	-0.012
Impact_of_Labour_Problems-5	1.505	0.422	-0.069	0.497	-0.423	0.569	0.104	-0.159	-0.596	-0.149	0.326	0.059	0.481
Impact_of_Lack_of_materials-1	-0.399	1.213	-0.340	-0.027	0.463	0.185	-0.570	-0.225	0.599	0.198	0.285	-0.269	-0.145
Impact_of_Lack_of_materials-2	-0.434	0.000	0.698	0.420	0.054	-0.165	-0.045	0.146	-0.469	-0.132	0.166	0.031	-0.049
Impact_of_Lack_of_materials-3	-0.245	-0.615	-0.927	0.475	-0.085	0.039	0.370	-0.263	0.058	-0.211	-0.540	-0.348	-0.095
Impact_of_Lack_of_materials-4	0.319	-0.475	0.077	-1.070	-0.007	-0.107	0.109	0.277	0.333	0.322	0.047	0.354	-0.002
Impact_of_Lack_of_materials-5	1.849	0.439	0.044	0.448	-0.802	0.426	0.073	-0.264	-0.486	-0.306	-0.025	0.186	0.630
Impact_of_Political_climate-1	-0.349	0.930	-0.177	-0.137	0.313	-0.460	0.202	-0.007	-0.013	-0.030	-0.192	0.379	0.090
Impact_of_Political_climate-2	-0.377	-0.282	0.614	0.253	-0.105	0.340	-0.077	0.410	0.236	-0.116	-0.101	-0.056	0.198
Impact_of_Political_climate-3	-0.100	-0.733	-1.000	0.293	0.183	0.419	0.337	-0.292	-0.440	0.683	0.295	-0.234	-0.316
Impact_of_Political_climate-4	0.672	-0.483	0.127	-0.972	-0.541	-0.621	-0.685	-0.817	-0.114	-0.138	-0.015	-0.364	-0.101
Impact_of_Political_climate-5	2.170	0.403	0.013	0.802	-0.072	0.631	0.203	0.625	0.288	-0.774	0.612	0.085	-0.336
Impact_of_Economic_Climate-1	-0.371	0.917	-0.130	-0.110	0.351	-0.436	0.197	-0.006	-0.014	-0.103	-0.278	0.382	0.076
Impact_of_Economic_Climate-2	-0.339	-0.342	0.498	0.231	-0.283	0.374	-0.122	0.419	0.168	-0.069	0.014	-0.224	0.147
Impact_of_Economic_Climate-3	0.018	-0.766	-1.019	0.240	0.405	0.371	0.307	-0.332	-0.492	0.663	0.389	-0.073	-0.187
Impact_of_Economic_Climate-4	0.821	-0.410	0.058	-0.990	-0.655	-0.691	-0.784	-1.070	-0.152	0.059	-0.001	-0.252	0.137
Impact_of_Economic_Climate-5	2.355	0.255	0.190	0.597	0.226	0.422	0.576	0.581	0.688	-0.961	0.336	0.123	-1.134
Impact_of_Power_Supply-1	-0.132	0.353	-0.075	-0.115	-0.191	0.186	0.039	0.065	-0.065	0.084	-0.283	0.201	-0.221
Impact_of_Power_Supply-2	-0.259	-0.493	0.450	0.090	-0.026	-0.087	0.036	-0.308	0.344	-0.221	0.339	-0.109	0.466
Impact_of_Power_Supply-3	0.172	-0.817	-1.009	0.579	0.901	-0.153	-0.164	-0.142	-0.828	0.549	0.164	0.211	0.135
Impact_of_Power_Supply-4	0.619	-0.181	-0.061	-0.770	-0.038	-1.848	-0.526	0.885	0.073	-0.331	0.853	-1.640	0.120
Impact_of_Power_Supply-5	2.230	0.261	0.333	0.794	0.920	0.762	0.272	0.195	0.329	-0.436	0.222	-0.311	-0.386

SELECTED RESULT OF MCA FOR NIPALS GENERATED DATA (with 15% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	689	0.031	0.001	0.032	0.002	0.006	0.044	0.002	0.033	0.000	0.066	0.010	0.009	0.007	0.001
Impact_of_high_interest_rate-2	623	0.028	0.006	0.012	0.008	0.002	0.003	0.000	0.024	0.008	0.105	0.040	0.003	0.002	0.010
Impact_of_high_interest_rate-3	299	0.013	0.001	0.016	0.021	0.002	0.000	0.005	0.179	0.045	0.007	0.000	0.000	0.074	0.002
Impact_of_high_interest_rate-4	145	0.007	0.007	0.001	0.007	0.009	0.110	0.029	0.006	0.041	0.005	0.137	0.003	0.004	0.040
Impact_of_high_interest_rate-5	93	0.004	0.065	0.004	0.001	0.023	0.003	0.038	0.001	0.014	0.011	0.055	0.000	0.004	0.001
Impact_of_Unclear_economic_laws-1	399	0.018	0.007	0.055	0.002	0.000	0.002	0.009	0.032	0.001	0.010	0.022	0.001	0.001	0.090
Impact_of_Unclear_economic_laws-2	736	0.033	0.011	0.003	0.024	0.008	0.000	0.000	0.000	0.001	0.017	0.020	0.035	0.000	0.039
Impact_of_Unclear_economic_laws-3	378	0.017	0.000	0.016	0.046	0.000	0.007	0.004	0.036	0.024	0.008	0.009	0.014	0.001	0.024
Impact_of_Unclear_economic_laws-4	235	0.011	0.013	0.008	0.001	0.055	0.012	0.017	0.000	0.045	0.005	0.056	0.038	0.034	0.020
Impact_of_Unclear_economic_laws-5	101	0.005	0.081	0.003	0.000	0.015	0.009	0.015	0.001	0.002	0.015	0.007	0.008	0.015	0.022
Impact_of_Lack_of_equipments-1	370	0.017	0.006	0.068	0.006	0.000	0.003	0.008	0.003	0.001	0.003	0.000	0.042	0.021	0.021
Impact_of_Lack_of_equipments-2	563	0.025	0.014	0.002	0.037	0.017	0.001	0.003	0.016	0.003	0.058	0.009	0.001	0.001	0.062
Impact_of_Lack_of_equipments-3	330	0.015	0.001	0.016	0.048	0.011	0.000	0.016	0.006	0.000	0.054	0.050	0.023	0.000	0.001
Impact_of_Lack_of_equipments-4	443	0.020	0.010	0.013	0.000	0.082	0.003	0.014	0.014	0.008	0.000	0.002	0.002	0.012	0.034
Impact_of_Lack_of_equipments-5	143	0.006	0.056	0.003	0.002	0.009	0.001	0.002	0.000	0.000	0.001	0.002	0.013	0.000	0.011
Impact_of_Insufficient_Demand-1	441	0.020	0.005	0.042	0.007	0.000	0.006	0.016	0.019	0.019	0.001	0.004	0.043	0.013	0.002
Impact_of_Insufficient_Demand-2	625	0.028	0.010	0.002	0.030	0.010	0.000	0.002	0.000	0.006	0.018	0.002	0.036	0.005	0.000
Impact_of_Insufficient_Demand-3	323	0.015	0.001	0.018	0.047	0.007	0.006	0.005	0.003	0.003	0.009	0.010	0.012	0.010	0.007
Impact_of_Insufficient_Demand-4	338	0.015	0.008	0.005	0.002	0.064	0.005	0.000	0.008	0.005	0.005	0.005	0.006	0.023	0.050
Impact_of_Insufficient_Demand-5	122	0.005	0.070	0.002	0.003	0.008	0.008	0.004	0.000	0.013	0.001	0.004	0.000	0.025	0.026
Impact_of_Access_to_credit-1	461	0.021	0.000	0.046	0.006	0.011	0.068	0.016	0.002	0.001	0.007	0.001	0.007	0.010	0.023
Impact_of_Access_to_credit-2	654	0.029	0.006	0.004	0.020	0.001	0.000	0.002	0.092	0.015	0.002	0.006	0.065	0.000	0.003
Impact_of_Access_to_credit-3	371	0.017	0.003	0.017	0.017	0.011	0.004	0.006	0.128	0.016	0.008	0.023	0.000	0.030	0.001
Impact_of_Access_to_credit-4	252	0.011	0.007	0.005	0.000	0.021	0.118	0.010	0.005	0.008	0.008	0.000	0.049	0.023	0.044
Impact_of_Access_to_credit-5	111	0.005	0.038	0.004	0.003	0.025	0.015	0.026	0.003	0.000	0.001	0.024	0.007	0.007	0.006
Impact_of_Financial_Problem-1	621	0.028	0.002	0.047	0.011	0.003	0.039	0.031	0.002	0.000	0.000	0.000	0.000	0.001	0.013
Impact_of_Financial_Problem-2	697	0.031	0.005	0.012	0.029	0.002	0.000	0.000	0.002	0.026	0.007	0.013	0.006	0.006	0.001
Impact_of_Financial_Problem-3	266	0.012	0.001	0.012	0.015	0.008	0.000	0.090	0.003	0.029	0.005	0.070	0.024	0.003	0.000
Impact_of_Financial_Problem-4	191	0.009	0.010	0.007	0.000	0.025	0.105	0.006	0.001	0.019	0.005	0.000	0.120	0.016	0.044
Impact_of_Financial_Problem-5	74	0.003	0.060	0.002	0.001	0.015	0.002	0.003	0.003	0.004	0.001	0.017	0.001	0.005	0.008
Impact_of_competition-1	544	0.025	0.003	0.038	0.001	0.001	0.012	0.001	0.012	0.002	0.003	0.000	0.001	0.021	0.004
Impact_of_competition-2	692	0.031	0.005	0.012	0.023	0.003	0.006	0.016	0.006	0.011	0.000	0.001	0.010	0.043	0.009
Impact_of_competition-3	320	0.014	0.000	0.012	0.045	0.000	0.015	0.004	0.030	0.000	0.026	0.007	0.008	0.033	0.004
Impact_of_competition-4	218	0.010	0.005	0.000	0.001	0.016	0.006	0.023	0.018	0.109	0.074	0.018	0.029	0.031	0.024
Impact_of_competition-5	75	0.003	0.057	0.002	0.000	0.018	0.003	0.007	0.004	0.010	0.001	0.000	0.006	0.025	0.073
Impact_of_Labour_Problems-1	226	0.010	0.006	0.055	0.009	0.001	0.042	0.002	0.030	0.017	0.049	0.006	0.010	0.013	0.001
Impact_of_Labour_Problems-2	527	0.024	0.013	0.000	0.059	0.020	0.007	0.012	0.000	0.000	0.021	0.010	0.015	0.003	0.001
Impact_of_Labour_Problems-3	410	0.018	0.002	0.012	0.051	0.018	0.007	0.002	0.004	0.002	0.000	0.011	0.060	0.055	0.001
Impact_of_Labour_Problems-4	495	0.022	0.005	0.007	0.001	0.096	0.006	0.000	0.003	0.028	0.010	0.030	0.001	0.050	0.000
Impact_of_Labour_Problems-5	191	0.009	0.050	0.005	0.000	0.011	0.013	0.026	0.001	0.002	0.031	0.002	0.010	0.000	0.023
Impact_of_Lack_of_materials-1	299	0.013	0.006	0.065	0.007	0.000	0.024	0.004	0.042	0.007	0.049	0.006	0.012	0.011	0.003
Impact_of_Lack_of_materials-2	569	0.026	0.012	0.000	0.059	0.022	0.001	0.007	0.000	0.005	0.057	0.005	0.008	0.000	0.001
Impact_of_Lack_of_materials-3	364	0.016	0.003	0.020	0.067	0.018	0.001	0.000	0.022	0.011	0.001	0.008	0.053	0.023	0.002
Impact_of_Lack_of_materials-4	448	0.020	0.005	0.015	0.001	0.114	0.000	0.002	0.002	0.015	0.023	0.022	0.000	0.029	0.000
Impact_of_Lack_of_materials-5	169	0.008	0.067	0.005	0.000	0.008	0.040	0.013	0.000	0.005	0.018	0.007	0.000	0.003	0.035
Impact_of_Political_climate-1	527	0.024	0.007	0.067	0.004	0.002	0.019	0.047	0.009	0.000	0.000	0.000	0.010	0.039	0.002
Impact_of_Political_climate-2	608	0.027	0.010	0.007	0.049	0.009	0.003	0.030	0.002	0.045	0.015	0.004	0.003	0.001	0.012
Impact_of_Political_climate-3	317	0.014	0.000	0.025	0.068	0.006	0.004	0.023	0.016	0.012	0.028	0.070	0.014	0.009	0.016
Impact_of_Political_climate-4	278	0.013	0.015	0.010	0.001	0.058	0.030	0.045	0.056	0.083	0.002	0.002	0.000	0.019	0.001
Impact_of_Political_climate-5	119	0.005	0.065	0.003	0.000	0.017	0.000	0.020	0.002	0.021	0.005	0.034	0.022	0.000	0.007
Impact_of_Economic_Climate-1	562	0.025	0.009	0.070	0.002	0.002	0.026	0.045	0.009	0.000	0.000	0.003	0.022	0.042	0.002
Impact_of_Economic_Climate-2	669	0.030	0.009	0.011	0.035	0.008	0.020	0.039	0.004	0.052	0.009	0.002	0.000	0.017	0.007
Impact_of_Economic_Climate-3	288	0.013	0.000	0.025	0.064	0.004	0.018	0.017	0.012	0.014	0.032	0.060	0.022	0.001	0.005
Impact_of_Economic_Climate-4	226	0.010	0.018	0.006	0.000	0.049	0.036	0.045	0.060	0.115	0.002	0.000	0.000	0.007	0.002
Impact_of_Economic_Climate-5	104	0.005	0.067	0.001	0.001	0.008	0.002	0.008	0.015	0.016	0.022	0.045	0.006	0.001	0.069
Impact_of_Power_Supply-1	1032	0.047	0.002	0.019	0.001	0.003	0.014	0.015	0.001	0.002	0.002	0.003	0.041	0.021	0.026
Impact_of_Power_Supply-2	482	0.022	0.004	0.017	0.021	0.001	0.000	0.002	0.000	0.020	0.026	0.011	0.028	0.003	0.054
Impact_of_Power_Supply-3	158	0.007	0.001	0.015	0.034	0.012	0.048	0.002	0.002	0.001	0.049	0.023	0.002	0.004	0.002
Impact_of_Power_Supply-4	100	0.005	0.004	0.000	0.000	0.013	0.000	0.144	0.012	0.035	0.000	0.005	0.036	0.138	0.001
Impact_of_Power_Supply-5	77	0.003	0.044	0.001	0.002	0.011	0.024	0.019	0.002	0.001	0.004	0.007	0.002	0.004	0.006

SELECTED RESULT OF MCA FOR MULTIPLE IMPUTATION GENERATED DATA (with 15% Missing Observations)													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.384	0.302	0.210	0.200	0.120	0.108	0.105	0.101	0.099	0.096	0.091	0.089	0.087
Inertia (%)	9.595	7.551	5.238	5.009	3.002	2.703	2.613	2.528	2.469	2.395	2.272	2.228	2.187
Cumulative %	9.595	17.146	22.384	27.393	30.395	33.098	35.711	38.239	40.708	43.103	45.375	47.603	49.790
Adjusted Inertia	0.107	0.057	0.019	0.016	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	48.712	25.813	8.595	7.389	0.728	0.332	0.242	0.171	0.129	0.084	0.031	0.018	0.009
Cumulative %	48.712	74.525	83.119	90.508	91.237	91.568	91.810	91.981	92.110	92.194	92.224	92.242	92.252
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.136	0.562	-0.080	-0.203	-0.429	-0.096	0.336	-0.045	-0.446	0.013	-0.186	-0.159	0.035
Impact_of_high_interest_rate-2	-0.283	-0.360	0.249	0.116	0.136	0.013	0.197	-0.293	0.586	0.222	0.171	-0.105	0.221
Impact_of_high_interest_rate-3	-0.160	-0.572	-0.596	0.154	-0.026	0.292	-0.946	0.846	-0.116	-0.093	0.008	0.672	-0.141
Impact_of_high_interest_rate-4	0.714	-0.249	0.436	-0.478	1.429	0.419	-0.296	-0.607	-0.755	-1.481	-0.055	-0.070	-0.598
Impact_of_high_interest_rate-5	2.368	0.553	0.201	0.979	0.122	-1.007	-0.246	0.471	0.926	1.038	0.289	-0.224	-0.357
Impact_of_Unclear_economic_laws-1	-0.398	0.970	-0.103	-0.060	0.094	-0.281	0.444	0.078	-0.284	-0.196	0.019	-0.139	0.590
Impact_of_Unclear_economic_laws-2	-0.362	-0.196	0.384	0.225	0.006	0.004	-0.027	-0.106	0.291	0.225	-0.269	-0.002	-0.275
Impact_of_Unclear_economic_laws-3	-0.014	-0.472	-0.739	0.042	-0.205	0.228	-0.435	0.478	-0.162	0.157	0.353	-0.091	0.289
Impact_of_Unclear_economic_laws-4	0.693	-0.468	0.135	-1.022	0.397	0.301	-0.031	-0.600	-0.496	-0.782	0.338	0.593	-0.285
Impact_of_Unclear_economic_laws-5	2.631	0.481	0.129	0.809	-0.557	-0.484	0.178	0.029	0.781	0.356	-0.259	-0.464	-0.779
Impact_of_Lack_of_equipments-1	-0.389	1.121	-0.251	-0.023	0.159	0.219	-0.165	-0.096	0.076	-0.037	0.484	-0.327	0.217
Impact_of_Lack_of_equipments-2	-0.460	-0.167	0.553	0.374	0.014	-0.158	-0.309	-0.055	-0.426	0.198	-0.076	0.137	-0.439
Impact_of_Lack_of_equipments-3	-0.171	-0.543	-0.828	0.359	-0.059	-0.289	0.248	0.013	0.550	-0.544	-0.419	-0.113	0.093
Impact_of_Lack_of_equipments-4	0.457	-0.425	0.066	-0.894	-0.086	0.294	0.326	0.118	0.005	0.123	0.130	0.202	0.418
Impact_of_Lack_of_equipments-5	1.830	0.364	0.234	0.564	-0.059	-0.195	0.035	0.068	0.161	0.223	-0.386	-0.056	-0.381
Impact_of_Insufficient_Demand-1	-0.327	0.803	-0.255	-0.038	-0.158	0.349	-0.255	0.323	0.061	0.088	0.467	-0.239	0.006
Impact_of_Insufficient_Demand-2	-0.361	-0.181	0.473	0.267	-0.039	-0.114	-0.025	-0.105	-0.212	0.131	-0.369	0.150	-0.035
Impact_of_Insufficient_Demand-3	-0.155	-0.573	-0.857	0.283	0.219	-0.192	0.156	-0.155	0.203	-0.324	0.310	0.215	0.290
Impact_of_Insufficient_Demand-4	0.452	-0.304	0.159	-0.930	0.252	0.035	0.311	0.056	0.135	-0.157	-0.219	-0.393	-0.479
Impact_of_Insufficient_Demand-5	2.222	0.392	0.345	0.580	-0.509	-0.263	-0.221	-0.378	-0.043	0.305	-0.018	0.611	0.712
Impact_of_Access_to_credit-1	-0.069	0.819	-0.229	-0.336	-0.589	0.315	0.118	-0.150	-0.181	0.038	-0.181	-0.168	-0.373
Impact_of_Access_to_credit-2	-0.296	-0.212	0.381	0.105	0.028	-0.097	0.462	-0.354	0.056	0.078	0.460	0.020	0.135
Impact_of_Access_to_credit-3	-0.224	-0.543	-0.504	0.320	-0.210	-0.100	-0.734	0.568	0.115	-0.480	-0.110	0.374	-0.018
Impact_of_Access_to_credit-4	0.491	-0.336	0.039	-0.607	1.133	0.169	-0.140	0.340	-0.147	0.165	-0.644	-0.622	0.463
Impact_of_Access_to_credit-5	1.726	0.487	0.330	1.031	0.464	-0.765	-0.402	0.012	0.353	0.661	-0.167	0.687	-0.234
Impact_of_Financial_Problem-1	-0.169	0.717	-0.281	-0.157	-0.365	0.399	-0.052	-0.031	-0.051	0.059	-0.004	-0.034	-0.217
Impact_of_Financial_Problem-2	-0.256	-0.371	0.415	0.117	0.033	0.004	-0.046	-0.300	0.195	0.106	0.168	0.174	-0.034
Impact_of_Financial_Problem-3	-0.133	-0.487	-0.509	0.341	-0.155	-0.911	0.428	0.534	-0.312	-0.733	0.255	0.091	0.053
Impact_of_Financial_Problem-4	0.666	-0.477	0.039	-0.755	1.193	0.072	-0.064	0.603	-0.210	0.270	-1.048	-0.542	0.541
Impact_of_Financial_Problem-5	2.609	0.475	0.207	0.957	0.224	-0.274	-0.523	-0.425	0.279	0.473	0.256	-0.275	0.558
Impact_of_competition-1	-0.238	0.692	-0.090	-0.093	0.224	-0.072	-0.238	-0.021	0.092	-0.074	-0.099	0.266	-0.044
Impact_of_competition-2	-0.247	-0.364	0.354	0.151	-0.121	0.234	-0.187	-0.188	-0.015	-0.009	-0.172	-0.343	0.125
Impact_of_competition-3	0.073	-0.455	-0.758	-0.015	-0.356	-0.088	0.587	-0.127	0.410	-0.291	0.221	0.460	-0.132
Impact_of_competition-4	0.398	-0.053	0.173	-0.603	0.206	-0.586	0.502	0.959	-0.701	0.620	0.638	-0.466	-0.581
Impact_of_competition-5	2.564	0.441	0.100	1.071	0.412	0.419	-0.483	-0.328	-0.255	0.077	-0.472	0.635	1.394
Impact_of_Labour_Problems-1	-0.496	1.291	-0.402	-0.138	0.693	0.150	-0.636	-0.354	0.655	-0.090	0.301	-0.293	-0.086
Impact_of_Labour_Problems-2	-0.459	-0.075	0.711	0.407	0.152	-0.278	-0.050	0.029	-0.318	-0.192	0.223	0.058	-0.109
Impact_of_Labour_Problems-3	-0.208	-0.429	-0.790	0.413	-0.235	-0.129	0.152	-0.141	0.050	-0.081	-0.589	-0.427	-0.091
Impact_of_Labour_Problems-4	0.329	-0.311	0.109	-0.928	-0.153	0.136	0.168	0.261	0.285	0.343	0.025	0.501	0.009
Impact_of_Labour_Problems-5	1.477	0.423	-0.061	0.528	-0.338	0.528	0.125	-0.030	-0.740	-0.069	0.244	-0.176	0.586
Impact_of_Lack_of_materials-1	-0.406	1.219	-0.324	-0.035	0.469	0.196	-0.626	-0.163	0.550	-0.111	0.280	-0.243	-0.151
Impact_of_Lack_of_materials-2	-0.438	-0.018	0.710	0.423	0.005	-0.199	-0.013	0.178	-0.432	-0.030	0.155	0.036	-0.088
Impact_of_Lack_of_materials-3	-0.244	-0.591	-0.946	0.469	-0.081	-0.028	0.320	-0.294	0.009	-0.110	-0.544	-0.322	-0.130
Impact_of_Lack_of_materials-4	0.329	-0.471	0.074	-1.067	0.021	-0.024	0.135	0.168	0.382	0.260	0.094	0.360	0.007
Impact_of_Lack_of_materials-5	1.834	0.438	0.043	0.480	-0.728	0.444	0.096	-0.118	-0.568	-0.159	-0.091	0.045	0.824
Impact_of_Political_climate-1	-0.352	0.929	-0.156	-0.137	0.287	-0.489	0.181	0.013	0.025	0.018	-0.169	0.360	0.159
Impact_of_Political_climate-2	-0.366	-0.296	0.612	0.249	-0.077	0.379	0.053	0.409	0.214	-0.101	-0.093	-0.073	0.176
Impact_of_Political_climate-3	-0.089	-0.697	-1.012	0.290	0.237	0.340	0.146	-0.430	-0.406	0.685	0.354	-0.179	-0.281
Impact_of_Political_climate-4	0.676	-0.488	0.117	-0.986	-0.654	-0.607	-0.841	-0.648	-0.073	-0.233	-0.091	-0.321	-0.212
Impact_of_Political_climate-5	2.151	0.422	0.017	0.800	-0.020	0.687	0.459	0.491	0.053	-0.889	0.475	0.001	-0.366
Impact_of_Economic_Climate-1	-0.376	0.915	-0.101	-0.108	0.309	-0.478	0.184	0.018	0.007	-0.046	-0.274	0.369	0.157
Impact_of_Economic_Climate-2	-0.338	-0.349	0.483	0.227	-0.255	0.444	0.024	0.400	0.169	-0.070	0.013	-0.250	0.101
Impact_of_Economic_Climate-3	0.010	-0.753	-1.024	0.228	0.520	0.243	0.073	-0.439	-0.428	0.679	0.434	-0.026	-0.264
Impact_of_Economic_Climate-4	0.834	-0.392	0.040	-0.969	-0.816	-0.650	-0.999	-0.796	-0.196	-0.100	-0.017	-0.224	0.205
Impact_of_Economic_Climate-5	2.348	0.269	0.207	0.603	0.304	0.468	0.829	0.297	0.498	-0.979	0.220	0.180	-1.208
Impact_of_Power_Supply-1	-0.133	0.347	-0.062	-0.114	-0.166	0.201	0.065	0.047	-0.031	0.125	-0.279	0.225	-0.180
Impact_of_Power_Supply-2	-0.257	-0.484	0.422	0.075	-0.017	-0.070	-0.045	-0.285	0.221	-0.343	0.303	-0.194	0.449
Impact_of_Power_Supply-3	0.170	-0.786	-1.006	0.598	0.754	-0.331	-0.225	-0.088	-0.716	0.695	0.226	0.250	0.151
Impact_of_Power_Supply-4	0.629	-0.169	-0.071	-0.790	-0.242	-1.727	-0.358	1.066	0.296	-0.339	0.934	-1.529	-0.102
Impact_of_Power_Supply-5	2.220	0.273	0.348	0.837	1.071	0.693	0.352	-0.026	0.122	-0.501	0.123	-0.317	-0.613

SELECTED RESULT OF MCA FOR MULTIPLE IMPUTATION GENERATED DATA (with 15% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	685	0.031	0.001	0.032	0.001	0.006	0.047	0.003	0.033	0.001	0.062	0.000	0.012	0.009	0.000
Impact_of_high_interest_rate-2	624	0.028	0.006	0.012	0.008	0.002	0.004	0.000	0.010	0.024	0.098	0.014	0.009	0.004	0.016
Impact_of_high_interest_rate-3	305	0.014	0.001	0.015	0.023	0.002	0.000	0.011	0.118	0.097	0.002	0.001	0.000	0.070	0.003
Impact_of_high_interest_rate-4	144	0.006	0.009	0.001	0.006	0.007	0.110	0.011	0.005	0.024	0.037	0.149	0.000	0.000	0.027
Impact_of_high_interest_rate-5	91	0.004	0.060	0.004	0.001	0.020	0.001	0.038	0.002	0.009	0.036	0.046	0.004	0.002	0.006
Impact_of_Unclear_economic_laws-1	398	0.018	0.007	0.056	0.001	0.000	0.001	0.013	0.034	0.001	0.015	0.007	0.000	0.004	0.071
Impact_of_Unclear_economic_laws-2	731	0.033	0.011	0.004	0.023	0.008	0.000	0.000	0.000	0.004	0.028	0.017	0.026	0.000	0.028
Impact_of_Unclear_economic_laws-3	385	0.017	0.000	0.013	0.045	0.000	0.006	0.008	0.031	0.039	0.005	0.004	0.024	0.002	0.017
Impact_of_Unclear_economic_laws-4	234	0.011	0.013	0.008	0.001	0.055	0.014	0.009	0.000	0.038	0.026	0.067	0.013	0.042	0.010
Impact_of_Unclear_economic_laws-5	101	0.005	0.082	0.003	0.000	0.015	0.012	0.010	0.001	0.000	0.028	0.006	0.003	0.011	0.032
Impact_of_Lack_of_equipments-1	370	0.017	0.007	0.069	0.005	0.000	0.003	0.007	0.004	0.002	0.001	0.000	0.043	0.020	0.009
Impact_of_Lack_of_equipments-2	558	0.025	0.014	0.002	0.037	0.018	0.000	0.006	0.023	0.001	0.046	0.010	0.002	0.005	0.055
Impact_of_Lack_of_equipments-3	336	0.015	0.001	0.015	0.050	0.010	0.000	0.012	0.009	0.000	0.046	0.047	0.029	0.002	0.001
Impact_of_Lack_of_equipments-4	446	0.020	0.011	0.012	0.000	0.080	0.001	0.016	0.020	0.003	0.000	0.003	0.004	0.009	0.040
Impact_of_Lack_of_equipments-5	139	0.006	0.055	0.003	0.002	0.010	0.000	0.002	0.000	0.000	0.002	0.003	0.010	0.000	0.010
Impact_of_Insufficient_Demand-1	441	0.020	0.006	0.042	0.006	0.000	0.004	0.022	0.012	0.021	0.001	0.002	0.048	0.013	0.000
Impact_of_Insufficient_Demand-2	626	0.028	0.010	0.003	0.030	0.010	0.000	0.003	0.000	0.003	0.013	0.005	0.042	0.007	0.000
Impact_of_Insufficient_Demand-3	325	0.015	0.001	0.016	0.051	0.006	0.006	0.005	0.003	0.003	0.006	0.016	0.015	0.008	0.014
Impact_of_Insufficient_Demand-4	336	0.015	0.008	0.005	0.002	0.065	0.008	0.000	0.014	0.000	0.003	0.004	0.008	0.026	0.040
Impact_of_Insufficient_Demand-5	121	0.005	0.070	0.003	0.003	0.009	0.012	0.003	0.003	0.008	0.000	0.005	0.000	0.023	0.032
Impact_of_Access_to_credit-1	457	0.021	0.000	0.046	0.005	0.012	0.060	0.019	0.003	0.005	0.007	0.000	0.007	0.007	0.033
Impact_of_Access_to_credit-2	656	0.030	0.007	0.004	0.020	0.002	0.000	0.003	0.060	0.037	0.001	0.002	0.069	0.000	0.006
Impact_of_Access_to_credit-3	379	0.017	0.002	0.017	0.021	0.009	0.006	0.002	0.088	0.055	0.002	0.041	0.002	0.027	0.000
Impact_of_Access_to_credit-4	247	0.011	0.007	0.004	0.000	0.020	0.119	0.003	0.002	0.013	0.002	0.003	0.051	0.048	0.027
Impact_of_Access_to_credit-5	110	0.005	0.038	0.004	0.003	0.026	0.009	0.027	0.008	0.000	0.006	0.023	0.002	0.026	0.003
Impact_of_Financial_Problem-1	621	0.028	0.002	0.048	0.011	0.003	0.031	0.041	0.001	0.000	0.001	0.001	0.000	0.000	0.015
Impact_of_Financial_Problem-2	695	0.031	0.005	0.014	0.026	0.002	0.000	0.000	0.001	0.028	0.012	0.004	0.010	0.011	0.000
Impact_of_Financial_Problem-3	268	0.012	0.001	0.009	0.015	0.007	0.002	0.093	0.021	0.034	0.012	0.068	0.009	0.001	0.000
Impact_of_Financial_Problem-4	192	0.009	0.010	0.007	0.000	0.025	0.103	0.000	0.000	0.031	0.004	0.007	0.105	0.028	0.029
Impact_of_Financial_Problem-5	73	0.003	0.058	0.002	0.001	0.015	0.001	0.002	0.009	0.006	0.003	0.008	0.002	0.003	0.012
Impact_of_competition-1	544	0.025	0.004	0.039	0.001	0.001	0.010	0.001	0.013	0.000	0.002	0.001	0.003	0.020	0.001
Impact_of_competition-2	695	0.031	0.005	0.014	0.019	0.004	0.004	0.016	0.010	0.011	0.000	0.000	0.010	0.041	0.006
Impact_of_competition-3	319	0.014	0.000	0.010	0.039	0.000	0.015	0.001	0.047	0.002	0.025	0.013	0.008	0.034	0.003
Impact_of_competition-4	216	0.010	0.004	0.000	0.001	0.018	0.003	0.031	0.023	0.089	0.048	0.039	0.044	0.024	0.038
Impact_of_competition-5	75	0.003	0.058	0.002	0.000	0.019	0.005	0.005	0.008	0.004	0.002	0.000	0.008	0.015	0.075
Impact_of_Labour_Problems-1	225	0.010	0.007	0.056	0.008	0.001	0.041	0.002	0.039	0.013	0.044	0.001	0.010	0.010	0.001
Impact_of_Labour_Problems-2	529	0.024	0.013	0.000	0.058	0.020	0.005	0.017	0.001	0.000	0.024	0.009	0.013	0.001	0.003
Impact_of_Labour_Problems-3	415	0.019	0.002	0.011	0.056	0.016	0.009	0.003	0.004	0.004	0.000	0.001	0.071	0.038	0.002
Impact_of_Labour_Problems-4	491	0.022	0.006	0.007	0.001	0.095	0.004	0.004	0.006	0.015	0.018	0.027	0.000	0.062	0.000
Impact_of_Labour_Problems-5	189	0.009	0.048	0.005	0.000	0.012	0.008	0.022	0.001	0.000	0.047	0.000	0.006	0.003	0.033
Impact_of_Lack_of_materials-1	299	0.013	0.006	0.066	0.007	0.000	0.025	0.005	0.050	0.004	0.041	0.002	0.012	0.009	0.004
Impact_of_Lack_of_materials-2	565	0.025	0.013	0.000	0.061	0.023	0.000	0.009	0.000	0.008	0.048	0.000	0.007	0.000	0.002
Impact_of_Lack_of_materials-3	365	0.016	0.003	0.019	0.070	0.018	0.001	0.000	0.016	0.014	0.000	0.002	0.053	0.019	0.003
Impact_of_Lack_of_materials-4	451	0.020	0.006	0.015	0.001	0.115	0.000	0.000	0.004	0.006	0.030	0.014	0.002	0.030	0.000
Impact_of_Lack_of_materials-5	169	0.008	0.067	0.005	0.000	0.009	0.034	0.014	0.001	0.001	0.025	0.002	0.001	0.000	0.059
Impact_of_Political_climate-1	526	0.024	0.008	0.068	0.003	0.002	0.016	0.052	0.007	0.000	0.000	0.000	0.007	0.034	0.007
Impact_of_Political_climate-2	611	0.028	0.010	0.008	0.049	0.009	0.001	0.037	0.001	0.046	0.013	0.003	0.003	0.002	0.010
Impact_of_Political_climate-3	322	0.015	0.000	0.023	0.071	0.006	0.007	0.016	0.003	0.027	0.024	0.071	0.020	0.005	0.013
Impact_of_Political_climate-4	272	0.012	0.015	0.010	0.001	0.060	0.044	0.042	0.083	0.051	0.001	0.007	0.001	0.014	0.006
Impact_of_Political_climate-5	118	0.005	0.064	0.003	0.000	0.017	0.000	0.023	0.011	0.013	0.000	0.044	0.013	0.000	0.008
Impact_of_Economic_Climate-1	560	0.025	0.009	0.070	0.001	0.001	0.020	0.053	0.008	0.000	0.000	0.001	0.021	0.039	0.007
Impact_of_Economic_Climate-2	668	0.030	0.009	0.012	0.034	0.008	0.016	0.055	0.000	0.048	0.009	0.002	0.000	0.021	0.004
Impact_of_Economic_Climate-3	290	0.013	0.000	0.025	0.065	0.003	0.029	0.007	0.001	0.025	0.024	0.063	0.027	0.000	0.010
Impact_of_Economic_Climate-4	227	0.010	0.019	0.005	0.000	0.048	0.057	0.040	0.098	0.064	0.004	0.001	0.000	0.006	0.005
Impact_of_Economic_Climate-5	104	0.005	0.067	0.001	0.001	0.008	0.004	0.009	0.031	0.004	0.012	0.047	0.003	0.002	0.078
Impact_of_Power_Supply-1	1027	0.046	0.002	0.018	0.001	0.003	0.011	0.017	0.002	0.001	0.000	0.007	0.040	0.026	0.017
Impact_of_Power_Supply-2	485	0.022	0.004	0.017	0.019	0.001	0.000	0.001	0.000	0.018	0.011	0.027	0.022	0.009	0.050
Impact_of_Power_Supply-3	160	0.007	0.001	0.015	0.035	0.013	0.034	0.007	0.003	0.001	0.037	0.036	0.004	0.005	0.002
Impact_of_Power_Supply-4	100	0.005	0.005	0.000	0.000	0.014	0.002	0.124	0.006	0.051	0.004	0.005	0.043	0.118	0.001
Impact_of_Power_Supply-5	77	0.003	0.045	0.001	0.002	0.012	0.033	0.015	0.004	0.000	0.001	0.009	0.001	0.004	0.015

SELECTED RESULT OF MCA FOR MEAN REPLACEMENT GENERATED DATA (with 15% Missing Observations)													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.381	0.301	0.209	0.202	0.119	0.108	0.104	0.101	0.099	0.096	0.092	0.089	0.086
Inertia (%)	9.528	7.516	5.227	5.049	2.984	2.701	2.593	2.523	2.478	2.392	2.295	2.217	2.157
Cumulative %	9.528	17.044	22.271	27.319	30.303	33.004	35.596	38.119	40.597	42.990	45.285	47.501	49.659
Adjusted Inertia	0.106	0.056	0.019	0.017	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	48.445	25.799	8.637	7.685	0.708	0.333	0.227	0.169	0.136	0.083	0.039	0.016	0.005
Cumulative %	48.445	74.244	82.880	90.566	91.274	91.607	91.834	92.003	92.139	92.222	92.262	92.277	92.282
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.137	0.563	-0.027	-0.207	-0.427	-0.112	0.391	-0.079	-0.394	-0.063	-0.182	-0.135	0.150
Impact_of_high_interest_rate-2	-0.275	-0.389	0.210	0.151	0.137	-0.038	0.118	0.481	0.439	0.339	0.148	-0.136	0.095
Impact_of_high_interest_rate-3	-0.139	-0.497	-0.615	0.082	-0.027	0.367	-0.798	-0.851	0.147	-0.148	0.067	0.736	-0.187
Impact_of_high_interest_rate-4	0.645	-0.271	0.578	-0.468	1.407	0.570	-0.460	0.434	-0.952	-1.420	-0.019	-0.225	-0.481
Impact_of_high_interest_rate-5	2.371	0.550	0.051	0.977	0.203	-1.066	-0.224	-0.340	0.967	0.914	0.165	-0.300	-0.364
Impact_of_Unclear_economic_laws-1	-0.397	0.971	-0.070	-0.079	0.120	-0.237	0.487	-0.070	-0.171	-0.223	0.068	-0.025	0.691
Impact_of_Unclear_economic_laws-2	-0.360	-0.214	0.334	0.306	0.005	-0.037	-0.061	0.156	0.182	0.228	-0.289	-0.035	-0.323
Impact_of_Unclear_economic_laws-3	-0.015	-0.428	-0.752	-0.106	-0.223	0.264	-0.325	-0.545	0.063	0.171	0.332	-0.020	0.271
Impact_of_Unclear_economic_laws-4	0.685	-0.478	0.350	-0.991	0.389	0.336	-0.117	0.475	-0.694	-0.720	0.413	0.434	-0.354
Impact_of_Unclear_economic_laws-5	2.628	0.477	-0.006	0.809	-0.544	-0.600	0.051	0.174	0.720	0.236	-0.432	-0.574	-0.639
Impact_of_Lack_of_equipments-1	-0.388	1.128	-0.203	-0.074	0.141	0.220	-0.182	0.081	0.041	0.043	0.474	-0.340	0.272
Impact_of_Lack_of_equipments-2	-0.460	-0.183	0.451	0.482	0.016	-0.184	-0.251	-0.238	-0.462	0.099	-0.104	0.044	-0.457
Impact_of_Lack_of_equipments-3	-0.135	-0.507	-0.884	0.177	-0.029	-0.245	0.138	0.396	0.556	-0.504	-0.374	-0.010	0.145
Impact_of_Lack_of_equipments-4	0.438	-0.434	0.251	-0.877	-0.102	0.320	0.363	-0.074	0.071	0.186	0.175	0.277	0.342
Impact_of_Lack_of_equipments-5	1.832	0.359	0.151	0.586	-0.045	-0.246	0.001	-0.017	0.127	0.161	-0.460	-0.119	-0.334
Impact_of_Insufficient_Demand-1	-0.326	0.812	-0.216	-0.084	-0.174	0.357	-0.209	-0.322	0.180	0.130	0.402	-0.221	-0.037
Impact_of_Insufficient_Demand-2	-0.362	-0.202	0.408	0.366	-0.028	-0.143	0.030	0.007	-0.279	0.104	-0.333	0.117	0.023
Impact_of_Insufficient_Demand-3	-0.150	-0.527	-0.904	0.084	0.239	-0.154	0.051	0.287	0.201	-0.276	0.408	0.265	0.183
Impact_of_Insufficient_Demand-4	0.445	-0.312	0.334	-0.880	0.222	0.076	0.237	0.047	0.153	-0.238	-0.377	-0.456	-0.375
Impact_of_Insufficient_Demand-5	2.232	0.386	0.248	0.625	-0.491	-0.354	-0.191	0.223	-0.196	0.408	0.166	0.737	0.546
Impact_of_Access_to_credit-1	-0.071	0.826	-0.124	-0.366	-0.636	0.255	0.113	0.083	-0.217	-0.014	-0.218	-0.254	-0.271
Impact_of_Access_to_credit-2	-0.293	-0.232	0.351	0.168	0.054	-0.131	0.419	0.390	-0.055	0.137	0.468	-0.016	0.031
Impact_of_Access_to_credit-3	-0.229	-0.505	-0.565	0.230	-0.197	-0.042	-0.660	-0.479	0.277	-0.523	-0.066	0.351	-0.007
Impact_of_Access_to_credit-4	0.488	-0.338	0.151	-0.598	1.124	0.307	-0.093	-0.392	-0.002	0.216	-0.631	-0.367	0.611
Impact_of_Access_to_credit-5	1.729	0.479	0.120	1.064	0.496	-0.830	-0.376	-0.055	0.245	0.622	-0.186	0.727	-0.402
Impact_of_Financial_Problem-1	-0.169	0.725	-0.219	-0.205	-0.400	0.361	-0.067	0.013	-0.070	0.069	-0.029	-0.060	-0.232
Impact_of_Financial_Problem-2	-0.253	-0.391	0.391	0.200	0.033	-0.045	-0.078	0.343	0.036	0.164	0.167	0.152	-0.064
Impact_of_Financial_Problem-3	-0.142	-0.453	-0.573	0.211	-0.064	-0.733	0.441	-0.510	0.020	-0.867	0.319	-0.023	0.070
Impact_of_Financial_Problem-4	0.667	-0.474	0.146	-0.736	1.202	0.191	0.039	-0.624	0.039	0.246	-1.098	-0.223	0.676
Impact_of_Financial_Problem-5	2.615	0.478	0.050	0.975	0.223	-0.307	-0.516	0.282	0.075	0.604	0.300	-0.239	0.532
Impact_of_competition-1	-0.241	0.696	-0.043	-0.100	0.231	-0.063	-0.246	0.041	0.060	-0.043	-0.067	0.225	-0.108
Impact_of_competition-2	-0.243	-0.367	0.316	0.210	-0.154	0.218	-0.226	0.116	-0.108	0.036	-0.181	-0.248	0.247
Impact_of_competition-3	0.055	-0.448	-0.747	-0.141	-0.304	-0.111	0.483	0.419	0.320	-0.250	0.246	0.327	-0.269
Impact_of_competition-4	0.395	-0.061	0.277	-0.558	0.246	-0.498	0.758	-1.189	-0.167	0.289	0.434	-0.605	-0.544
Impact_of_competition-5	2.580	0.448	-0.071	1.040	0.364	0.398	-0.471	0.216	-0.391	0.258	-0.206	0.924	1.281
Impact_of_Labour_Problems-1	-0.496	1.303	-0.316	-0.222	0.671	0.141	-0.768	0.458	0.397	0.098	0.277	-0.385	-0.084
Impact_of_Labour_Problems-2	-0.465	-0.100	0.613	0.546	0.175	-0.232	-0.006	-0.137	-0.247	-0.242	0.240	0.022	-0.059
Impact_of_Labour_Problems-3	-0.185	-0.393	-0.837	0.246	-0.225	-0.130	0.083	0.151	-0.020	-0.084	-0.648	-0.347	0.041
Impact_of_Labour_Problems-4	0.318	-0.318	0.289	-0.904	-0.176	0.086	0.196	-0.121	0.354	0.301	0.061	0.500	-0.108
Impact_of_Labour_Problems-5	1.485	0.427	-0.167	0.503	-0.323	0.548	0.244	-0.200	-0.649	-0.027	0.316	-0.095	0.446
Impact_of_Lack_of_materials-1	-0.406	1.231	-0.246	-0.102	0.445	0.202	-0.708	0.297	0.402	0.043	0.255	-0.341	-0.140
Impact_of_Lack_of_materials-2	-0.439	-0.042	0.596	0.566	0.016	-0.177	0.063	-0.366	-0.310	-0.127	0.140	0.042	-0.071
Impact_of_Lack_of_materials-3	-0.226	-0.552	-1.041	0.242	-0.053	-0.033	0.228	0.351	-0.103	-0.107	-0.592	-0.257	0.047
Impact_of_Lack_of_materials-4	0.324	-0.479	0.299	-1.044	0.002	-0.052	0.138	-0.014	0.406	0.261	0.139	0.330	-0.130
Impact_of_Lack_of_materials-5	1.847	0.447	-0.028	0.494	-0.735	0.445	0.177	-0.046	-0.516	-0.098	0.031	0.172	0.726
Impact_of_Political_climate-1	-0.354	0.932	-0.091	-0.165	0.320	-0.464	0.188	0.021	0.045	-0.032	-0.128	0.415	0.103
Impact_of_Political_climate-2	-0.378	-0.328	0.532	0.376	-0.089	0.420	0.059	-0.211	0.402	-0.081	-0.094	-0.045	0.135
Impact_of_Political_climate-3	-0.055	-0.626	-1.022	0.084	0.180	0.250	0.165	0.143	-0.614	0.703	0.275	-0.240	-0.246
Impact_of_Political_climate-4	0.661	-0.498	0.307	-0.963	-0.637	-0.686	-0.901	0.322	-0.381	-0.231	-0.079	-0.366	-0.052
Impact_of_Political_climate-5	2.152	0.425	-0.115	0.777	-0.031	0.786	0.449	-0.155	0.356	-0.910	0.452	-0.108	-0.335
Impact_of_Economic_Climate-1	-0.378	0.917	-0.050	-0.126	0.337	-0.444	0.188	0.011	0.032	-0.104	-0.229	0.434	0.104
Impact_of_Economic_Climate-2	-0.338	-0.381	0.414	0.330	-0.271	0.470	0.028	-0.252	0.329	-0.047	-0.014	-0.218	0.137
Impact_of_Economic_Climate-3	0.043	-0.647	-1.016	0.000	0.445	0.157	0.152	0.102	-0.585	0.681	0.409	-0.211	-0.324
Impact_of_Economic_Climate-4	0.825	-0.413	0.254	-0.955	-0.771	-0.767	-1.079	0.447	-0.494	0.001	0.006	-0.144	0.248
Impact_of_Economic_Climate-5	2.336	0.271	0.101	0.638	0.247	0.603	0.684	0.289	0.532	-1.169	0.112	-0.024	-1.023
Impact_of_Power_Supply-1	-0.133	0.348	-0.029	-0.119	-0.177	0.179	0.071	-0.037	-0.034	0.100	-0.276	0.238	-0.248
Impact_of_Power_Supply-2	-0.254	-0.497	0.379	0.149	-0.018	-0.061	-0.122	0.382	0.103	-0.198	0.340	-0.137	0.562
Impact_of_Power_Supply-3	0.189	-0.764	-1.205	0.408	0.798	-0.392	-0.076	-0.420	-0.681	0.516	0.264	0.119	-0.067
Impact_of_Power_Supply-4	0.622	-0.173	0.096	-0.801	-0.098	-1.556	-0.212	-1.110	0.780	-0.490	0.739	-1.573	0.199
Impact_of_Power_Supply-5	2.221	0.268	0.195	0.869	1.045	0.791	0.259	0.303	0.122	-0.442	0.019	-0.487	-0.427

SELECTED RESULT OF MCA FOR MEAN REPLACEMENT GENERATED DATA (with 15% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	685	0.031	0.002	0.033	0.000	0.007	0.047	0.004	0.045	0.002	0.048	0.001	0.011	0.006	0.008
Impact_of_high_interest_rate-2	613	0.028	0.005	0.014	0.006	0.003	0.004	0.000	0.004	0.063	0.054	0.033	0.007	0.006	0.003
Impact_of_high_interest_rate-3	319	0.014	0.001	0.012	0.026	0.000	0.000	0.018	0.088	0.103	0.003	0.003	0.001	0.088	0.006
Impact_of_high_interest_rate-4	141	0.006	0.007	0.002	0.010	0.007	0.105	0.019	0.013	0.012	0.058	0.134	0.000	0.004	0.017
Impact_of_high_interest_rate-5	91	0.004	0.060	0.004	0.000	0.019	0.001	0.043	0.002	0.005	0.039	0.036	0.001	0.004	0.006
Impact_of_Unclear_economic_laws-1	398	0.018	0.007	0.056	0.000	0.001	0.002	0.009	0.041	0.001	0.005	0.009	0.001	0.000	0.099
Impact_of_Unclear_economic_laws-2	725	0.033	0.011	0.005	0.017	0.015	0.000	0.000	0.001	0.008	0.011	0.018	0.030	0.000	0.040
Impact_of_Unclear_economic_laws-3	392	0.018	0.000	0.011	0.048	0.001	0.007	0.011	0.018	0.052	0.001	0.005	0.021	0.000	0.015
Impact_of_Unclear_economic_laws-4	233	0.011	0.013	0.008	0.006	0.051	0.013	0.011	0.001	0.023	0.051	0.057	0.020	0.022	0.015
Impact_of_Unclear_economic_laws-5	101	0.005	0.082	0.003	0.000	0.015	0.011	0.015	0.000	0.001	0.024	0.003	0.009	0.017	0.022
Impact_of_Lack_of_equipments-1	370	0.017	0.007	0.071	0.003	0.000	0.003	0.007	0.005	0.001	0.000	0.000	0.041	0.022	0.014
Impact_of_Lack_of_equipments-2	556	0.025	0.014	0.003	0.024	0.029	0.000	0.008	0.015	0.014	0.054	0.003	0.003	0.001	0.061
Impact_of_Lack_of_equipments-3	347	0.016	0.001	0.013	0.058	0.002	0.000	0.009	0.003	0.024	0.049	0.041	0.024	0.000	0.004
Impact_of_Lack_of_equipments-4	437	0.020	0.010	0.012	0.006	0.075	0.002	0.019	0.025	0.001	0.001	0.007	0.007	0.017	0.027
Impact_of_Lack_of_equipments-5	139	0.006	0.055	0.003	0.001	0.011	0.000	0.004	0.000	0.000	0.001	0.002	0.014	0.001	0.008
Impact_of_Insufficient_Demand-1	441	0.020	0.006	0.044	0.004	0.001	0.005	0.023	0.008	0.020	0.006	0.004	0.035	0.011	0.000
Impact_of_Insufficient_Demand-2	621	0.028	0.010	0.004	0.022	0.019	0.000	0.005	0.000	0.000	0.022	0.003	0.034	0.004	0.000
Impact_of_Insufficient_Demand-3	332	0.015	0.001	0.014	0.059	0.001	0.007	0.003	0.000	0.012	0.006	0.012	0.027	0.012	0.006
Impact_of_Insufficient_Demand-4	334	0.015	0.008	0.005	0.008	0.058	0.006	0.001	0.008	0.000	0.004	0.009	0.023	0.035	0.024
Impact_of_Insufficient_Demand-5	121	0.005	0.071	0.003	0.002	0.011	0.011	0.006	0.002	0.003	0.002	0.009	0.002	0.033	0.019
Impact_of_Access_to_credit-1	457	0.021	0.000	0.047	0.002	0.014	0.070	0.012	0.003	0.001	0.010	0.000	0.011	0.015	0.017
Impact_of_Access_to_credit-2	645	0.029	0.007	0.005	0.017	0.004	0.001	0.005	0.049	0.044	0.001	0.006	0.069	0.000	0.000
Impact_of_Access_to_credit-3	390	0.018	0.002	0.015	0.027	0.005	0.006	0.000	0.074	0.040	0.014	0.050	0.001	0.024	0.000
Impact_of_Access_to_credit-4	247	0.011	0.007	0.004	0.001	0.020	0.118	0.010	0.001	0.017	0.000	0.005	0.048	0.017	0.048
Impact_of_Access_to_credit-5	110	0.005	0.039	0.004	0.000	0.028	0.010	0.032	0.007	0.000	0.003	0.020	0.002	0.030	0.009
Impact_of_Financial_Problem-1	621	0.028	0.002	0.049	0.006	0.006	0.038	0.034	0.001	0.000	0.001	0.001	0.000	0.001	0.017
Impact_of_Financial_Problem-2	682	0.031	0.005	0.016	0.023	0.006	0.000	0.001	0.002	0.036	0.000	0.009	0.009	0.008	0.001
Impact_of_Financial_Problem-3	283	0.013	0.001	0.009	0.020	0.003	0.000	0.063	0.024	0.033	0.000	0.100	0.014	0.000	0.001
Impact_of_Financial_Problem-4	190	0.009	0.010	0.006	0.001	0.023	0.104	0.003	0.000	0.033	0.000	0.005	0.112	0.005	0.045
Impact_of_Financial_Problem-5	73	0.003	0.059	0.002	0.000	0.016	0.001	0.003	0.008	0.003	0.000	0.013	0.003	0.002	0.011
Impact_of_competition-1	544	0.025	0.004	0.039	0.000	0.001	0.011	0.001	0.014	0.000	0.001	0.000	0.001	0.014	0.003
Impact_of_competition-2	683	0.031	0.005	0.014	0.015	0.007	0.006	0.013	0.015	0.004	0.004	0.000	0.011	0.021	0.022
Impact_of_competition-3	331	0.015	0.000	0.010	0.040	0.001	0.012	0.002	0.034	0.026	0.015	0.010	0.010	0.018	0.012
Impact_of_competition-4	216	0.010	0.004	0.000	0.004	0.015	0.005	0.022	0.054	0.136	0.003	0.008	0.020	0.040	0.033
Impact_of_competition-5	75	0.003	0.059	0.002	0.000	0.018	0.004	0.005	0.007	0.002	0.005	0.002	0.002	0.033	0.064
Impact_of_Labour_Problems-1	225	0.010	0.007	0.057	0.005	0.002	0.038	0.002	0.058	0.021	0.016	0.001	0.008	0.017	0.001
Impact_of_Labour_Problems-2	524	0.024	0.013	0.001	0.042	0.035	0.006	0.012	0.000	0.004	0.014	0.014	0.015	0.000	0.001
Impact_of_Labour_Problems-3	428	0.019	0.002	0.010	0.065	0.006	0.008	0.003	0.001	0.004	0.000	0.001	0.088	0.026	0.000
Impact_of_Labour_Problems-4	483	0.022	0.006	0.007	0.009	0.088	0.006	0.001	0.008	0.003	0.028	0.021	0.001	0.061	0.003
Impact_of_Labour_Problems-5	189	0.009	0.049	0.005	0.001	0.011	0.007	0.024	0.005	0.003	0.036	0.000	0.009	0.001	0.020
Impact_of_Lack_of_materials-1	299	0.013	0.006	0.068	0.004	0.001	0.022	0.005	0.065	0.012	0.022	0.000	0.010	0.018	0.003
Impact_of_Lack_of_materials-2	564	0.025	0.013	0.000	0.043	0.040	0.000	0.007	0.001	0.034	0.025	0.004	0.005	0.001	0.001
Impact_of_Lack_of_materials-3	375	0.017	0.002	0.017	0.088	0.005	0.000	0.000	0.009	0.021	0.002	0.002	0.065	0.013	0.000
Impact_of_Lack_of_materials-4	443	0.020	0.006	0.015	0.009	0.108	0.000	0.001	0.004	0.000	0.033	0.014	0.004	0.024	0.004
Impact_of_Lack_of_materials-5	168	0.008	0.068	0.005	0.000	0.009	0.034	0.014	0.002	0.000	0.020	0.001	0.000	0.003	0.046
Impact_of_Political_climate-1	526	0.024	0.008	0.069	0.001	0.003	0.020	0.047	0.008	0.000	0.000	0.000	0.004	0.046	0.003
Impact_of_Political_climate-2	602	0.027	0.010	0.010	0.037	0.019	0.002	0.044	0.001	0.012	0.044	0.002	0.003	0.001	0.006
Impact_of_Political_climate-3	334	0.015	0.000	0.020	0.075	0.001	0.004	0.009	0.004	0.003	0.057	0.078	0.012	0.010	0.011
Impact_of_Political_climate-4	269	0.012	0.014	0.010	0.005	0.056	0.041	0.053	0.095	0.012	0.018	0.007	0.001	0.018	0.000
Impact_of_Political_climate-5	118	0.005	0.065	0.003	0.000	0.016	0.000	0.030	0.010	0.001	0.007	0.046	0.012	0.001	0.007
Impact_of_Economic_Climate-1	560	0.025	0.009	0.071	0.000	0.002	0.024	0.046	0.009	0.000	0.000	0.003	0.014	0.054	0.003
Impact_of_Economic_Climate-2	659	0.030	0.009	0.014	0.024	0.016	0.018	0.061	0.000	0.019	0.032	0.001	0.000	0.016	0.006
Impact_of_Economic_Climate-3	306	0.014	0.000	0.019	0.068	0.000	0.023	0.003	0.003	0.001	0.048	0.067	0.025	0.007	0.017
Impact_of_Economic_Climate-4	222	0.010	0.018	0.006	0.003	0.045	0.050	0.055	0.112	0.020	0.025	0.000	0.000	0.002	0.007
Impact_of_Economic_Climate-5	102	0.005	0.066	0.001	0.000	0.009	0.002	0.015	0.021	0.004	0.013	0.066	0.001	0.000	0.056
Impact_of_Power_Supply-1	1027	0.046	0.002	0.019	0.000	0.003	0.012	0.014	0.002	0.001	0.001	0.005	0.038	0.030	0.033
Impact_of_Power_Supply-2	494	0.022	0.004	0.018	0.015	0.002	0.000	0.001	0.003	0.032	0.002	0.009	0.028	0.005	0.081
Impact_of_Power_Supply-3	151	0.007	0.001	0.013	0.047	0.006	0.036	0.010	0.000	0.012	0.032	0.019	0.005	0.001	0.000
Impact_of_Power_Supply-4	100	0.005	0.005	0.000	0.000	0.014	0.000	0.101	0.002	0.055	0.028	0.011	0.027	0.126	0.002
Impact_of_Power_Supply-5	77	0.003	0.045	0.001	0.001	0.013	0.032	0.020	0.002	0.003	0.001	0.007	0.000	0.009	0.007

SELECTED RESULT OF MCA FOR NEAREST NEIGHBOUR GENERATED DATA (with 15% Missing Observations)													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.386	0.309	0.215	0.203	0.121	0.108	0.104	0.102	0.099	0.096	0.092	0.088	0.086
Inertia (%)	9.642	7.717	5.366	5.076	3.023	2.701	2.604	2.540	2.476	2.394	2.296	2.202	2.153
Cumulative %	9.642	17.359	22.725	27.800	30.823	33.524	36.128	38.668	41.144	43.539	45.834	48.037	50.189
Adjusted Inertia	0.109	0.060	0.021	0.017	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	47.681	26.491	8.991	7.473	0.736	0.318	0.226	0.174	0.129	0.081	0.038	0.012	0.004
Cumulative %	47.681	74.172	83.163	90.636	91.372	91.691	91.917	92.091	92.220	92.301	92.338	92.350	92.354
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.135	0.567	-0.053	-0.196	-0.390	-0.124	0.347	-0.060	-0.449	-0.074	-0.159	-0.085	0.147
Impact_of_high_interest_rate-2	-0.276	-0.372	0.232	0.140	0.157	-0.006	0.304	0.223	0.556	0.344	0.103	-0.165	0.027
Impact_of_high_interest_rate-3	-0.195	-0.590	-0.641	0.045	-0.171	0.325	-1.201	-0.559	-0.060	-0.100	0.187	0.643	-0.049
Impact_of_high_interest_rate-4	0.637	-0.253	0.566	-0.449	1.353	0.514	-0.353	0.712	-0.544	-1.668	-0.163	0.037	-0.476
Impact_of_high_interest_rate-5	2.440	0.498	-0.038	1.040	0.299	-0.821	-0.340	-0.402	0.615	1.085	0.162	-0.308	-0.386
Impact_of_Unclear_economic_laws-1	-0.373	0.988	-0.124	-0.067	0.112	-0.249	0.353	-0.147	-0.212	-0.250	0.158	-0.150	0.618
Impact_of_Unclear_economic_laws-2	-0.356	-0.191	0.346	0.300	0.015	0.015	0.014	0.079	0.211	0.269	-0.352	0.054	-0.229
Impact_of_Unclear_economic_laws-3	-0.020	-0.540	-0.748	-0.107	-0.267	0.168	-0.518	-0.374	-0.096	0.176	0.398	-0.145	0.200
Impact_of_Unclear_economic_laws-4	0.656	-0.459	0.328	-0.992	0.365	0.340	0.087	0.625	-0.356	-0.870	0.467	0.490	-0.332
Impact_of_Unclear_economic_laws-5	2.647	0.419	-0.043	0.793	-0.437	-0.498	0.155	-0.067	0.508	0.442	-0.626	-0.395	-0.808
Impact_of_Lack_of_equipments-1	-0.367	1.113	-0.250	-0.051	0.133	0.208	-0.128	0.154	0.118	-0.037	0.471	-0.492	0.139
Impact_of_Lack_of_equipments-2	-0.454	-0.154	0.458	0.482	0.028	-0.124	-0.281	0.054	-0.496	0.125	-0.124	0.175	-0.434
Impact_of_Lack_of_equipments-3	-0.167	-0.577	-0.922	0.182	-0.003	-0.324	0.233	0.012	0.598	-0.448	-0.517	0.033	0.203
Impact_of_Lack_of_equipments-4	0.421	-0.431	0.262	-0.869	-0.133	0.260	0.253	-0.187	0.090	0.121	0.317	0.161	0.389
Impact_of_Lack_of_equipments-5	1.851	0.333	0.101	0.564	-0.037	-0.152	0.133	-0.061	0.021	0.239	-0.592	0.026	-0.335
Impact_of_Insufficient_Demand-1	-0.312	0.811	-0.271	-0.090	-0.218	0.306	-0.309	-0.242	0.164	0.025	0.358	-0.326	-0.065
Impact_of_Insufficient_Demand-2	-0.356	-0.175	0.410	0.368	-0.006	-0.083	-0.022	0.085	-0.291	0.134	-0.224	0.274	0.024
Impact_of_Insufficient_Demand-3	-0.175	-0.609	-0.876	0.103	0.253	-0.253	0.223	0.140	0.289	-0.257	0.334	0.073	0.190
Impact_of_Insufficient_Demand-4	0.435	-0.305	0.339	-0.887	0.227	0.122	0.258	-0.106	0.089	-0.162	-0.501	-0.336	-0.369
Impact_of_Insufficient_Demand-5	2.234	0.348	0.200	0.608	-0.449	-0.372	-0.046	0.382	-0.087	0.328	0.365	0.516	0.641
Impact_of_Access_to_credit-1	-0.060	0.815	-0.166	-0.362	-0.624	0.281	0.168	0.090	-0.214	-0.019	-0.218	-0.097	-0.317
Impact_of_Access_to_credit-2	-0.290	-0.213	0.359	0.153	0.085	-0.156	0.538	0.214	0.036	0.049	0.434	-0.135	-0.037
Impact_of_Access_to_credit-3	-0.253	-0.553	-0.570	0.271	-0.265	-0.107	-0.880	-0.309	0.300	-0.406	-0.054	0.438	0.065
Impact_of_Access_to_credit-4	0.479	-0.351	0.151	-0.592	1.065	0.376	-0.313	-0.305	-0.228	0.172	-0.649	-0.384	0.724
Impact_of_Access_to_credit-5	1.731	0.458	0.085	1.038	0.582	-0.739	-0.316	0.049	0.210	0.733	-0.039	0.636	-0.294
Impact_of_Financial_Problem-1	-0.157	0.720	-0.251	-0.197	-0.427	0.345	-0.007	0.014	-0.077	0.013	-0.037	0.000	-0.223
Impact_of_Financial_Problem-2	-0.254	-0.372	0.406	0.184	0.040	-0.005	0.035	0.327	0.168	0.149	0.158	0.070	-0.045
Impact_of_Financial_Problem-3	-0.192	-0.529	-0.608	0.283	-0.010	-0.948	0.194	-0.602	-0.127	-0.774	0.300	0.063	-0.014
Impact_of_Financial_Problem-4	0.677	-0.465	0.161	-0.747	1.179	0.265	-0.183	-0.622	-0.238	0.236	-0.955	-0.181	0.675
Impact_of_Financial_Problem-5	2.596	0.419	0.044	0.939	0.195	-0.268	-0.469	0.574	0.157	0.587	0.300	-0.400	0.594
Impact_of_competition-1	-0.227	0.696	-0.091	-0.096	0.242	-0.058	-0.213	0.095	0.124	-0.012	-0.036	0.286	-0.089
Impact_of_competition-2	-0.238	-0.347	0.337	0.213	-0.158	0.243	-0.143	0.249	-0.019	-0.020	-0.186	-0.274	0.259
Impact_of_competition-3	0.024	-0.505	-0.766	-0.184	-0.330	-0.239	0.592	0.022	0.401	-0.198	0.178	0.416	-0.309
Impact_of_competition-4	0.376	-0.048	0.299	-0.535	0.255	-0.407	0.245	-1.200	-0.787	0.296	0.350	-0.676	-0.590
Impact_of_competition-5	2.617	0.373	-0.139	1.053	0.324	0.356	-0.310	0.426	-0.089	0.221	0.212	0.698	1.248
Impact_of_Labour_Problems-1	-0.467	1.297	-0.382	-0.204	0.685	0.135	-0.537	0.497	0.588	0.085	0.138	-0.340	-0.251
Impact_of_Labour_Problems-2	-0.454	-0.062	0.609	0.537	0.163	-0.250	-0.075	-0.027	-0.270	-0.225	0.177	0.023	-0.079
Impact_of_Labour_Problems-3	-0.219	-0.466	-0.853	0.258	-0.220	-0.080	0.172	0.134	-0.001	-0.104	-0.668	-0.304	0.054
Impact_of_Labour_Problems-4	0.308	-0.309	0.287	-0.901	-0.150	0.086	0.135	-0.310	0.251	0.357	0.204	0.467	-0.042
Impact_of_Labour_Problems-5	1.512	0.396	-0.175	0.493	-0.428	0.490	0.143	-0.012	-0.586	-0.162	0.231	-0.205	0.513
Impact_of_Lack_of_materials-1	-0.377	1.208	-0.312	-0.093	0.436	0.230	-0.573	0.354	0.533	0.044	0.162	-0.356	-0.269
Impact_of_Lack_of_materials-2	-0.429	0.000	0.595	0.550	0.016	-0.199	-0.062	-0.199	-0.427	-0.113	0.142	0.038	-0.081
Impact_of_Lack_of_materials-3	-0.253	-0.630	-1.032	0.285	-0.036	0.047	0.373	0.235	-0.025	-0.114	-0.625	-0.167	0.055
Impact_of_Lack_of_materials-4	0.308	-0.466	0.295	-1.044	0.031	-0.064	0.104	-0.222	0.364	0.296	0.186	0.306	-0.052
Impact_of_Lack_of_materials-5	1.849	0.413	-0.044	0.459	-0.837	0.333	0.167	0.129	-0.417	-0.236	0.065	0.054	0.778
Impact_of_Political_climate-1	-0.328	0.933	-0.141	-0.159	0.326	-0.444	0.150	-0.071	0.025	0.025	-0.092	0.376	0.219
Impact_of_Political_climate-2	-0.364	-0.284	0.570	0.378	-0.131	0.353	-0.031	-0.345	0.277	-0.055	-0.068	-0.066	0.119
Impact_of_Political_climate-3	-0.113	-0.738	-1.074	0.088	0.234	0.424	0.280	0.310	-0.535	0.549	0.302	-0.230	-0.306
Impact_of_Political_climate-4	0.642	-0.499	0.290	-0.963	-0.569	-0.678	-0.656	0.789	-0.209	-0.129	-0.193	-0.289	-0.178
Impact_of_Political_climate-5	2.166	0.370	-0.152	0.768	-0.089	0.638	0.268	-0.550	0.355	-0.979	0.418	-0.073	-0.384
Impact_of_Economic_Climate-1	-0.358	0.922	-0.091	-0.124	0.356	-0.428	0.157	-0.066	0.004	-0.008	-0.163	0.420	0.216
Impact_of_Economic_Climate-2	-0.336	-0.347	0.446	0.328	-0.301	0.405	-0.061	-0.360	0.212	-0.084	-0.010	-0.259	0.078
Impact_of_Economic_Climate-3	0.003	-0.777	-1.081	0.023	0.477	0.336	0.170	0.312	-0.535	0.542	0.426	-0.145	-0.282
Impact_of_Economic_Climate-4	0.808	-0.414	0.234	-0.971	-0.745	-0.763	-0.736	1.032	-0.253	0.072	-0.080	-0.212	0.104
Impact_of_Economic_Climate-5	2.366	0.210	0.072	0.596	0.291	0.458	0.660	-0.395	0.621	-1.053	-0.040	0.228	-1.137
Impact_of_Power_Supply-1	-0.128	0.347	-0.037	-0.126	-0.180	0.211	0.054	-0.045	-0.053	0.130	-0.251	0.275	-0.126
Impact_of_Power_Supply-2	-0.258	-0.502	0.412	0.167	0.001	-0.129	0.038	0.332	0.297	-0.276	0.364	-0.234	0.444
Impact_of_Power_Supply-3	0.144	-0.777	-1.166	0.414	0.805	-0.231	-0.143	-0.049	-0.898	0.573	0.461	0.049	-0.134
Impact_of_Power_Supply-4	0.607	-0.180	0.083	-0.788	-0.120	-1.819	-0.666	-1.026	0.378	-0.461	0.106	-1.685	-0.297
Impact_of_Power_Supply-5	2.246	0.222	0.173	0.858	0.963	0.774	0.192	-0.021	0.174	-0.588	0.069	-0.171	-0.398

SELECTED RESULT OF MCA FOR NEAREST NEIGHBOUR GENERATED DATA (with 15% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	694	0.031	0.001	0.033	0.000	0.006	0.039	0.004	0.036	0.001	0.064	0.002	0.009	0.003	0.008
Impact_of_high_interest_rate-2	627	0.028	0.006	0.013	0.007	0.003	0.006	0.000	0.025	0.014	0.088	0.035	0.003	0.009	0.000
Impact_of_high_interest_rate-3	290	0.013	0.001	0.015	0.025	0.000	0.003	0.013	0.181	0.040	0.000	0.001	0.005	0.061	0.000
Impact_of_high_interest_rate-4	143	0.006	0.007	0.001	0.010	0.006	0.098	0.016	0.008	0.032	0.019	0.187	0.002	0.000	0.017
Impact_of_high_interest_rate-5	95	0.004	0.066	0.003	0.000	0.023	0.003	0.027	0.005	0.007	0.016	0.053	0.001	0.005	0.007
Impact_of_Unclear_economic_laws-1	410	0.018	0.007	0.058	0.001	0.000	0.002	0.011	0.022	0.004	0.008	0.012	0.005	0.005	0.082
Impact_of_Unclear_economic_laws-2	734	0.033	0.011	0.004	0.018	0.015	0.000	0.000	0.000	0.002	0.015	0.025	0.045	0.001	0.020
Impact_of_Unclear_economic_laws-3	369	0.017	0.000	0.016	0.043	0.001	0.010	0.004	0.043	0.023	0.002	0.005	0.029	0.004	0.008
Impact_of_Unclear_economic_laws-4	235	0.011	0.012	0.007	0.005	0.051	0.012	0.011	0.001	0.041	0.014	0.084	0.025	0.029	0.014
Impact_of_Unclear_economic_laws-5	101	0.005	0.083	0.003	0.000	0.014	0.007	0.010	0.001	0.000	0.012	0.009	0.019	0.008	0.035
Impact_of_Lack_of_equipments-1	376	0.017	0.006	0.068	0.005	0.000	0.002	0.007	0.003	0.004	0.002	0.000	0.041	0.047	0.004
Impact_of_Lack_of_equipments-2	564	0.025	0.014	0.002	0.025	0.029	0.000	0.004	0.019	0.001	0.063	0.004	0.004	0.009	0.056
Impact_of_Lack_of_equipments-3	321	0.014	0.001	0.016	0.057	0.002	0.000	0.014	0.008	0.000	0.052	0.030	0.042	0.000	0.007
Impact_of_Lack_of_equipments-4	448	0.020	0.009	0.012	0.006	0.075	0.003	0.013	0.012	0.007	0.002	0.003	0.022	0.006	0.035
Impact_of_Lack_of_equipments-5	140	0.006	0.056	0.002	0.000	0.010	0.000	0.001	0.001	0.000	0.000	0.004	0.024	0.000	0.008
Impact_of_Insufficient_Demand-1	446	0.020	0.005	0.043	0.007	0.001	0.008	0.017	0.018	0.012	0.005	0.000	0.028	0.024	0.001
Impact_of_Insufficient_Demand-2	630	0.028	0.009	0.003	0.022	0.019	0.000	0.002	0.000	0.002	0.024	0.005	0.016	0.024	0.000
Impact_of_Insufficient_Demand-3	315	0.014	0.001	0.017	0.051	0.001	0.008	0.008	0.007	0.003	0.012	0.010	0.017	0.001	0.006
Impact_of_Insufficient_Demand-4	336	0.015	0.007	0.005	0.008	0.059	0.006	0.002	0.010	0.002	0.001	0.004	0.041	0.019	0.024
Impact_of_Insufficient_Demand-5	122	0.005	0.071	0.002	0.001	0.010	0.009	0.007	0.000	0.008	0.000	0.006	0.008	0.017	0.026
Impact_of_Access_to_credit-1	464	0.021	0.000	0.045	0.003	0.014	0.067	0.015	0.006	0.002	0.010	0.000	0.011	0.002	0.024
Impact_of_Access_to_credit-2	661	0.030	0.006	0.004	0.018	0.003	0.002	0.007	0.083	0.013	0.000	0.001	0.061	0.006	0.000
Impact_of_Access_to_credit-3	364	0.016	0.003	0.016	0.025	0.006	0.010	0.002	0.122	0.015	0.015	0.028	0.001	0.036	0.001
Impact_of_Access_to_credit-4	249	0.011	0.007	0.004	0.001	0.019	0.105	0.015	0.011	0.010	0.006	0.003	0.051	0.019	0.068
Impact_of_Access_to_credit-5	111	0.005	0.039	0.003	0.000	0.027	0.014	0.025	0.005	0.000	0.002	0.028	0.000	0.023	0.005
Impact_of_Financial_Problem-1	630	0.028	0.002	0.048	0.008	0.005	0.043	0.031	0.000	0.000	0.002	0.000	0.000	0.000	0.016
Impact_of_Financial_Problem-2	691	0.031	0.005	0.014	0.024	0.005	0.000	0.000	0.000	0.033	0.009	0.007	0.008	0.002	0.001
Impact_of_Financial_Problem-3	259	0.012	0.001	0.011	0.020	0.005	0.000	0.097	0.004	0.042	0.002	0.073	0.011	0.001	0.000
Impact_of_Financial_Problem-4	195	0.009	0.010	0.006	0.001	0.024	0.101	0.006	0.003	0.033	0.005	0.005	0.087	0.003	0.046
Impact_of_Financial_Problem-5	74	0.003	0.058	0.002	0.000	0.014	0.001	0.002	0.007	0.011	0.001	0.012	0.003	0.006	0.014
Impact_of_competition-1	547	0.025	0.003	0.039	0.001	0.001	0.012	0.001	0.011	0.002	0.004	0.000	0.000	0.023	0.002
Impact_of_competition-2	694	0.031	0.005	0.012	0.017	0.007	0.006	0.017	0.006	0.019	0.000	0.000	0.012	0.027	0.024
Impact_of_competition-3	312	0.014	0.000	0.012	0.038	0.002	0.013	0.007	0.047	0.000	0.023	0.006	0.005	0.028	0.016
Impact_of_competition-4	220	0.010	0.004	0.000	0.004	0.014	0.005	0.015	0.006	0.141	0.062	0.009	0.013	0.051	0.040
Impact_of_competition-5	76	0.003	0.061	0.002	0.000	0.019	0.003	0.004	0.003	0.006	0.000	0.002	0.002	0.019	0.062
Impact_of_Labour_Problems-1	229	0.010	0.006	0.056	0.007	0.002	0.040	0.002	0.029	0.025	0.036	0.001	0.002	0.014	0.008
Impact_of_Labour_Problems-2	536	0.024	0.013	0.000	0.042	0.034	0.005	0.014	0.001	0.000	0.018	0.013	0.008	0.000	0.002
Impact_of_Labour_Problems-3	405	0.018	0.002	0.013	0.062	0.006	0.007	0.001	0.005	0.003	0.000	0.002	0.089	0.019	0.001
Impact_of_Labour_Problems-4	488	0.022	0.005	0.007	0.008	0.088	0.004	0.002	0.004	0.021	0.014	0.029	0.010	0.054	0.000
Impact_of_Labour_Problems-5	191	0.009	0.051	0.004	0.001	0.010	0.013	0.019	0.002	0.000	0.030	0.002	0.005	0.004	0.026
Impact_of_Lack_of_materials-1	302	0.014	0.005	0.064	0.006	0.001	0.021	0.007	0.043	0.017	0.039	0.000	0.004	0.020	0.011
Impact_of_Lack_of_materials-2	572	0.026	0.012	0.000	0.043	0.038	0.000	0.009	0.001	0.010	0.047	0.003	0.006	0.000	0.002
Impact_of_Lack_of_materials-3	359	0.016	0.003	0.021	0.080	0.006	0.000	0.000	0.022	0.009	0.000	0.002	0.069	0.005	0.001
Impact_of_Lack_of_materials-4	447	0.020	0.005	0.014	0.008	0.108	0.000	0.001	0.002	0.010	0.027	0.018	0.008	0.021	0.001
Impact_of_Lack_of_materials-5	169	0.008	0.068	0.004	0.000	0.008	0.044	0.008	0.002	0.001	0.013	0.004	0.000	0.000	0.054
Impact_of_Political_climate-1	533	0.024	0.007	0.068	0.002	0.003	0.021	0.044	0.005	0.001	0.000	0.000	0.002	0.039	0.013
Impact_of_Political_climate-2	611	0.028	0.009	0.007	0.042	0.019	0.004	0.032	0.000	0.032	0.021	0.001	0.001	0.001	0.005
Impact_of_Political_climate-3	312	0.014	0.000	0.025	0.076	0.001	0.006	0.023	0.011	0.013	0.041	0.044	0.014	0.008	0.015
Impact_of_Political_climate-4	275	0.012	0.013	0.010	0.005	0.057	0.033	0.053	0.051	0.076	0.005	0.002	0.005	0.012	0.005
Impact_of_Political_climate-5	118	0.005	0.065	0.002	0.001	0.015	0.000	0.020	0.004	0.016	0.007	0.053	0.010	0.000	0.009
Impact_of_Economic_Climate-1	568	0.026	0.008	0.070	0.001	0.002	0.027	0.043	0.006	0.001	0.000	0.000	0.007	0.051	0.014
Impact_of_Economic_Climate-2	669	0.030	0.009	0.012	0.028	0.016	0.023	0.046	0.001	0.039	0.014	0.002	0.000	0.023	0.002
Impact_of_Economic_Climate-3	284	0.013	0.000	0.025	0.070	0.000	0.024	0.013	0.004	0.012	0.037	0.039	0.025	0.003	0.012
Impact_of_Economic_Climate-4	224	0.010	0.017	0.006	0.003	0.047	0.046	0.054	0.053	0.106	0.007	0.001	0.001	0.005	0.001
Impact_of_Economic_Climate-5	104	0.005	0.068	0.001	0.000	0.008	0.003	0.009	0.020	0.007	0.018	0.054	0.000	0.003	0.070
Impact_of_Power_Supply-1	1040	0.047	0.002	0.018	0.000	0.004	0.013	0.019	0.001	0.001	0.001	0.008	0.032	0.040	0.009
Impact_of_Power_Supply-2	478	0.022	0.004	0.018	0.017	0.003	0.000	0.003	0.000	0.023	0.019	0.017	0.031	0.013	0.049
Impact_of_Power_Supply-3	154	0.007	0.000	0.014	0.044	0.006	0.037	0.003	0.001	0.000	0.057	0.024	0.016	0.000	0.001
Impact_of_Power_Supply-4	100	0.005	0.004	0.000	0.000	0.014	0.001	0.138	0.019	0.047	0.006	0.010	0.001	0.145	0.005
Impact_of_Power_Supply-5	77	0.003	0.045	0.001	0.000	0.013	0.027	0.019	0.001	0.000	0.001	0.013	0.000	0.001	0.006

SELECTED RESULT OF MCA FOR NIPALS GENERATED DATA (with 25% Missing Observations)

Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.392	0.306	0.208	0.202	0.121	0.107	0.105	0.101	0.098	0.096	0.089	0.089	0.086
Inertia (%)	9.803	7.651	5.190	5.061	3.019	2.667	2.635	2.519	2.453	2.390	2.233	2.217	2.157
Cumulative %	9.803	17.454	22.644	27.704	30.723	33.390	36.025	38.544	40.997	43.387	45.620	47.837	49.994
Adjusted Inertia	0.113	0.059	0.018	0.017	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	49.632	25.820	8.036	7.383	0.729	0.284	0.253	0.158	0.114	0.078	0.019	0.015	0.005
Cumulative %	49.632	75.452	83.488	90.871	91.600	91.884	92.137	92.295	92.409	92.487	92.506	92.521	92.525
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.149	0.575	-0.134	-0.174	-0.378	-0.100	0.341	-0.116	-0.449	-0.174	-0.219	-0.066	0.107
Impact_of_high_interest_rate-2	-0.268	-0.328	0.255	0.061	0.045	-0.061	0.267	-0.019	0.657	0.332	-0.007	-0.182	0.041
Impact_of_high_interest_rate-3	-0.179	-0.611	-0.470	0.271	-0.058	0.279	-1.056	0.474	-0.414	-0.049	0.551	0.621	0.066
Impact_of_high_interest_rate-4	0.640	-0.306	0.251	-0.648	1.472	0.771	-0.312	-0.867	-0.037	-1.165	-0.303	-0.119	-0.711
Impact_of_high_interest_rate-5	2.455	0.590	0.430	0.967	0.273	-1.032	-0.220	0.753	0.268	1.038	0.260	-0.192	-0.141
Impact_of_Unclear_economic_laws-1	-0.394	0.973	-0.150	-0.066	0.127	-0.255	0.415	-0.042	-0.193	-0.336	-0.002	-0.305	0.595
Impact_of_Unclear_economic_laws-2	-0.360	-0.150	0.437	0.144	-0.006	-0.028	-0.038	0.045	0.225	0.262	-0.205	0.241	-0.230
Impact_of_Unclear_economic_laws-3	-0.018	-0.541	-0.703	0.221	-0.198	0.212	-0.361	0.328	-0.360	0.156	0.203	-0.259	0.263
Impact_of_Unclear_economic_laws-4	0.680	-0.482	-0.102	-1.018	0.304	0.485	0.001	-0.836	0.032	-0.724	0.541	0.189	-0.426
Impact_of_Unclear_economic_laws-5	2.675	0.492	0.310	0.745	-0.413	-0.742	0.032	0.543	0.412	0.489	-0.529	-0.029	-0.656
Impact_of_Lack_of_equipments-1	-0.381	1.109	-0.278	0.020	0.138	0.260	-0.182	-0.013	0.143	0.045	0.225	-0.648	0.175
Impact_of_Lack_of_equipments-2	-0.457	-0.117	0.618	0.226	0.072	-0.076	-0.201	-0.177	-0.467	0.174	0.003	0.250	-0.441
Impact_of_Lack_of_equipments-3	-0.171	-0.569	-0.687	0.583	-0.008	-0.405	0.085	0.115	0.585	-0.513	-0.417	0.103	0.138
Impact_of_Lack_of_equipments-4	0.416	-0.470	-0.163	-0.889	-0.160	0.276	0.333	0.076	0.016	0.048	0.264	0.061	0.406
Impact_of_Lack_of_equipments-5	1.881	0.384	0.363	0.454	-0.125	-0.285	0.037	0.231	0.072	0.235	-0.439	0.245	-0.280
Impact_of_Insufficient_Demand-1	-0.323	0.797	-0.299	0.012	-0.211	0.298	-0.291	0.360	-0.049	0.070	0.178	-0.393	-0.047
Impact_of_Insufficient_Demand-2	-0.362	-0.132	0.530	0.147	0.009	-0.069	0.079	-0.223	-0.222	0.118	-0.174	0.272	0.015
Impact_of_Insufficient_Demand-3	-0.187	-0.611	-0.680	0.469	0.215	-0.167	0.027	-0.154	0.310	-0.200	0.313	-0.063	0.420
Impact_of_Insufficient_Demand-4	0.456	-0.324	-0.083	-0.916	0.223	0.004	0.247	0.297	0.158	-0.201	-0.317	-0.025	-0.630
Impact_of_Insufficient_Demand-5	2.249	0.384	0.446	0.466	-0.494	-0.270	-0.117	-0.552	0.029	0.246	0.275	0.255	0.687
Impact_of_Access_to_credit-1	-0.061	0.828	-0.327	-0.279	-0.635	0.261	0.057	-0.054	-0.155	-0.083	-0.259	-0.039	-0.233
Impact_of_Access_to_credit-2	-0.287	-0.199	0.392	-0.021	-0.045	-0.117	0.559	-0.256	0.175	0.105	0.276	-0.242	-0.062
Impact_of_Access_to_credit-3	-0.258	-0.549	-0.348	0.508	-0.125	-0.137	-0.870	0.353	0.047	-0.377	0.225	0.375	0.022
Impact_of_Access_to_credit-4	0.479	-0.362	-0.150	-0.593	1.175	0.332	-0.138	0.253	-0.272	0.108	-0.651	-0.094	0.561
Impact_of_Access_to_credit-5	1.758	0.517	0.549	0.915	0.581	-0.678	-0.274	-0.047	0.060	0.760	0.150	0.547	-0.051
Impact_of_Financial_Problem-1	-0.169	0.705	-0.335	-0.100	-0.428	0.312	-0.060	0.055	-0.042	0.028	-0.086	0.042	-0.194
Impact_of_Financial_Problem-2	-0.249	-0.330	0.455	0.013	-0.029	-0.004	0.001	-0.261	0.198	0.220	0.154	-0.019	-0.081
Impact_of_Financial_Problem-3	-0.153	-0.548	-0.417	0.467	0.104	-0.829	0.187	0.265	-0.222	-0.925	0.528	-0.033	0.037
Impact_of_Financial_Problem-4	0.646	-0.506	-0.168	-0.737	1.291	0.272	0.078	0.567	-0.333	0.127	-1.123	0.182	0.671
Impact_of_Financial_Problem-5	2.669	0.520	0.431	0.894	0.171	-0.250	-0.392	-0.400	0.138	0.730	0.208	-0.525	0.530
Impact_of_competition-1	-0.237	0.693	-0.118	-0.069	0.242	-0.052	-0.180	-0.067	0.077	-0.028	0.107	0.300	-0.066
Impact_of_competition-2	-0.259	-0.314	0.417	0.068	-0.124	0.244	-0.184	-0.105	0.040	0.061	-0.334	-0.184	0.116
Impact_of_competition-3	0.049	-0.513	-0.768	0.169	-0.387	-0.175	0.376	-0.110	0.462	-0.320	0.304	0.198	-0.123
Impact_of_competition-4	0.452	-0.079	0.031	-0.634	0.273	-0.581	0.559	0.894	-1.033	0.300	0.307	-0.599	-0.521
Impact_of_competition-5	2.548	0.437	0.290	0.971	0.323	0.574	-0.301	-0.673	0.044	0.163	0.081	0.425	1.459
Impact_of_Labour_Problems-1	-0.486	1.309	-0.499	-0.056	0.692	0.223	-0.602	-0.116	0.696	0.282	0.082	-0.435	-0.276
Impact_of_Labour_Problems-2	-0.453	-0.038	0.794	0.225	0.223	-0.210	-0.053	-0.153	-0.278	-0.246	0.251	-0.033	-0.049
Impact_of_Labour_Problems-3	-0.220	-0.448	-0.609	0.626	-0.169	-0.138	0.100	-0.015	0.042	-0.104	-0.745	-0.045	-0.139
Impact_of_Labour_Problems-4	0.299	-0.333	-0.114	-0.915	-0.239	0.000	0.157	0.339	0.152	0.307	0.289	0.378	0.164
Impact_of_Labour_Problems-5	1.505	0.418	0.033	0.476	-0.425	0.612	0.220	-0.298	-0.540	-0.233	0.082	-0.292	0.331
Impact_of_Lack_of_materials-1	-0.401	1.217	-0.347	0.029	0.450	0.231	-0.585	0.005	0.576	0.251	0.152	-0.346	-0.285
Impact_of_Lack_of_materials-2	-0.436	0.009	0.784	0.242	0.081	-0.109	-0.026	-0.009	-0.497	-0.182	0.146	-0.050	-0.034
Impact_of_Lack_of_materials-3	-0.238	-0.601	-0.778	0.685	-0.065	-0.082	0.312	-0.167	0.135	-0.098	-0.687	0.055	-0.127
Impact_of_Lack_of_materials-4	0.315	-0.497	-0.168	-1.058	-0.042	-0.121	0.115	0.307	0.272	0.282	0.347	0.246	0.136
Impact_of_Lack_of_materials-5	1.841	0.450	0.137	0.428	-0.808	0.454	0.133	-0.422	-0.366	-0.361	-0.166	0.006	0.531
Impact_of_Political_climate-1	-0.356	0.931	-0.210	-0.097	0.303	-0.471	0.165	-0.106	0.032	-0.023	0.080	0.375	0.197
Impact_of_Political_climate-2	-0.379	-0.270	0.669	0.108	-0.092	0.316	-0.021	0.467	0.154	-0.148	-0.122	-0.044	0.205
Impact_of_Political_climate-3	-0.098	-0.709	-0.884	0.502	0.084	0.388	0.408	-0.302	-0.361	0.674	0.194	-0.307	-0.373
Impact_of_Political_climate-4	0.690	-0.516	-0.099	-0.967	-0.472	-0.542	-0.866	-0.692	-0.067	-0.042	-0.301	-0.218	-0.189
Impact_of_Political_climate-5	2.180	0.421	0.187	0.750	-0.001	0.664	0.269	0.537	0.225	-0.912	0.433	-0.078	-0.449
Impact_of_Economic_Climate-1	-0.373	0.916	-0.163	-0.092	0.347	-0.440	0.182	-0.101	0.016	-0.078	0.016	0.444	0.203
Impact_of_Economic_Climate-2	-0.342	-0.329	0.539	0.121	-0.261	0.359	-0.079	0.494	0.074	-0.105	-0.102	-0.226	0.148
Impact_of_Economic_Climate-3	0.011	-0.752	-0.920	0.480	0.306	0.367	0.372	-0.412	-0.395	0.664	0.341	-0.208	-0.367
Impact_of_Economic_Climate-4	0.819	-0.447	-0.157	-0.964	-0.562	-0.612	-0.926	-0.935	-0.023	0.139	-0.328	-0.267	0.045
Impact_of_Economic_Climate-5	2.376	0.286	0.326	0.511	0.207	0.390	0.549	0.587	0.597	-1.081	0.347	0.241	-1.124
Impact_of_Power_Supply-1	-0.133	0.348	-0.103	-0.093	-0.187	0.170	0.076	0.066	-0.057	0.100	-0.120	0.412	-0.134
Impact_of_Power_Supply-2	-0.259	-0.474	0.453	-0.019	-0.067	-0.092	-0.065	-0.249	0.386	-0.191	0.200	-0.484	0.362
Impact_of_Power_Supply-3	0.174	-0.800	-0.813	0.783	0.935	-0.045	-0.010	-0.311	-0.724	0.414	0.238	-0.073	0.192
Impact_of_Power_Supply-4	0.637	-0.196	-0.240	-0.761	0.036	-1.790	-0.667	0.866	-0.394	-0.461	-0.299	-1.618	-0.470
Impact_of_Power_Supply-5	2.257	0.299	0.530	0.697	0.912	0.726	0.285	0.245	0.353	-0.406	0.226	-0.192	-0.309

SELECTED RESULT OF MCA FOR NIPALS GENERATED DATA (with 25% Missing Observations)															
Contributions (Variables):															
	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	671	0.030	0.002	0.033	0.003	0.005	0.036	0.003	0.033	0.004	0.062	0.010	0.016	0.002	0.004
Impact_of_high_interest_rate-2	625	0.028	0.005	0.010	0.009	0.001	0.000	0.001	0.019	0.000	0.124	0.033	0.000	0.011	0.001
Impact_of_high_interest_rate-3	312	0.014	0.001	0.017	0.015	0.005	0.000	0.010	0.149	0.031	0.025	0.000	0.048	0.061	0.001
Impact_of_high_interest_rate-4	148	0.007	0.007	0.002	0.002	0.014	0.120	0.037	0.006	0.050	0.000	0.095	0.007	0.001	0.039
Impact_of_high_interest_rate-5	93	0.004	0.064	0.005	0.004	0.019	0.003	0.042	0.002	0.024	0.003	0.047	0.003	0.002	0.001
Impact_of_Unclear_economic_laws-1	393	0.018	0.007	0.055	0.002	0.000	0.002	0.011	0.029	0.000	0.007	0.021	0.000	0.019	0.073
Impact_of_Unclear_economic_laws-2	737	0.033	0.011	0.002	0.031	0.003	0.000	0.000	0.000	0.001	0.017	0.024	0.016	0.022	0.020
Impact_of_Unclear_economic_laws-3	384	0.017	0.000	0.017	0.041	0.004	0.006	0.007	0.021	0.018	0.023	0.004	0.008	0.013	0.014
Impact_of_Unclear_economic_laws-4	235	0.011	0.013	0.008	0.001	0.054	0.008	0.023	0.000	0.073	0.000	0.058	0.035	0.004	0.022
Impact_of_Unclear_economic_laws-5	100	0.005	0.082	0.004	0.002	0.012	0.006	0.023	0.000	0.013	0.008	0.011	0.014	0.000	0.022
Impact_of_Lack_of_equipments-1	367	0.017	0.006	0.066	0.006	0.000	0.003	0.011	0.005	0.000	0.003	0.000	0.009	0.078	0.006
Impact_of_Lack_of_equipments-2	565	0.025	0.014	0.001	0.047	0.006	0.001	0.001	0.010	0.008	0.057	0.008	0.000	0.018	0.057
Impact_of_Lack_of_equipments-3	331	0.015	0.001	0.016	0.034	0.025	0.000	0.023	0.001	0.002	0.052	0.041	0.029	0.002	0.003
Impact_of_Lack_of_equipments-4	442	0.020	0.009	0.014	0.003	0.078	0.004	0.014	0.021	0.001	0.000	0.000	0.016	0.001	0.038
Impact_of_Lack_of_equipments-5	144	0.006	0.059	0.003	0.004	0.007	0.001	0.005	0.000	0.003	0.000	0.004	0.014	0.004	0.006
Impact_of_Insufficient_Demand-1	436	0.020	0.005	0.041	0.008	0.000	0.007	0.016	0.016	0.025	0.000	0.001	0.007	0.034	0.000
Impact_of_Insufficient_Demand-2	622	0.028	0.009	0.002	0.038	0.003	0.000	0.001	0.002	0.014	0.014	0.004	0.010	0.023	0.000
Impact_of_Insufficient_Demand-3	332	0.015	0.001	0.018	0.033	0.016	0.006	0.004	0.000	0.004	0.015	0.006	0.016	0.001	0.031
Impact_of_Insufficient_Demand-4	337	0.015	0.008	0.005	0.001	0.063	0.006	0.000	0.009	0.013	0.004	0.006	0.017	0.000	0.070
Impact_of_Insufficient_Demand-5	122	0.005	0.071	0.003	0.005	0.006	0.011	0.004	0.001	0.017	0.000	0.003	0.005	0.004	0.030
Impact_of_Access_to_credit-1	451	0.020	0.000	0.046	0.011	0.008	0.068	0.013	0.001	0.001	0.005	0.001	0.015	0.000	0.013
Impact_of_Access_to_credit-2	657	0.030	0.006	0.004	0.022	0.000	0.000	0.004	0.088	0.019	0.009	0.003	0.025	0.020	0.001
Impact_of_Access_to_credit-3	377	0.017	0.003	0.017	0.010	0.022	0.002	0.003	0.122	0.021	0.000	0.025	0.010	0.027	0.000
Impact_of_Access_to_credit-4	255	0.011	0.007	0.005	0.001	0.020	0.131	0.012	0.002	0.007	0.009	0.001	0.055	0.001	0.042
Impact_of_Access_to_credit-5	109	0.005	0.039	0.004	0.007	0.020	0.014	0.021	0.003	0.000	0.000	0.030	0.001	0.017	0.000
Impact_of_Financial_Problem-1	617	0.028	0.002	0.045	0.015	0.001	0.042	0.025	0.001	0.001	0.001	0.000	0.002	0.001	0.012
Impact_of_Financial_Problem-2	700	0.032	0.005	0.011	0.032	0.000	0.000	0.000	0.000	0.021	0.013	0.016	0.008	0.000	0.002
Impact_of_Financial_Problem-3	269	0.012	0.001	0.012	0.010	0.013	0.001	0.078	0.004	0.008	0.006	0.109	0.038	0.000	0.000
Impact_of_Financial_Problem-4	189	0.009	0.009	0.007	0.001	0.023	0.118	0.006	0.000	0.027	0.010	0.001	0.120	0.003	0.044
Impact_of_Financial_Problem-5	74	0.003	0.061	0.003	0.003	0.013	0.001	0.002	0.005	0.005	0.001	0.019	0.002	0.010	0.011
Impact_of_competition-1	535	0.024	0.003	0.038	0.002	0.001	0.012	0.001	0.007	0.001	0.001	0.000	0.003	0.024	0.001
Impact_of_competition-2	691	0.031	0.005	0.010	0.026	0.001	0.004	0.017	0.010	0.003	0.001	0.001	0.039	0.012	0.005
Impact_of_competition-3	330	0.015	0.000	0.013	0.042	0.002	0.018	0.004	0.020	0.002	0.032	0.016	0.015	0.007	0.003
Impact_of_competition-4	218	0.010	0.005	0.000	0.000	0.020	0.006	0.031	0.029	0.078	0.107	0.009	0.010	0.040	0.031
Impact_of_competition-5	75	0.003	0.056	0.002	0.001	0.016	0.003	0.010	0.003	0.015	0.000	0.001	0.000	0.007	0.083
Impact_of_Labour_Problems-1	223	0.010	0.006	0.056	0.012	0.000	0.040	0.005	0.035	0.001	0.050	0.008	0.001	0.021	0.009
Impact_of_Labour_Problems-2	522	0.024	0.012	0.000	0.071	0.006	0.010	0.010	0.001	0.005	0.019	0.015	0.017	0.000	0.001
Impact_of_Labour_Problems-3	415	0.019	0.002	0.012	0.033	0.036	0.004	0.003	0.002	0.000	0.000	0.002	0.116	0.000	0.004
Impact_of_Labour_Problems-4	498	0.022	0.005	0.008	0.001	0.093	0.011	0.000	0.005	0.026	0.005	0.022	0.021	0.036	0.007
Impact_of_Labour_Problems-5	191	0.009	0.050	0.005	0.000	0.010	0.013	0.030	0.004	0.008	0.026	0.005	0.001	0.008	0.011
Impact_of_Lack_of_materials-1	298	0.013	0.005	0.065	0.008	0.000	0.023	0.007	0.044	0.000	0.045	0.009	0.003	0.018	0.013
Impact_of_Lack_of_materials-2	565	0.025	0.012	0.000	0.075	0.007	0.001	0.003	0.000	0.000	0.064	0.009	0.006	0.001	0.000
Impact_of_Lack_of_materials-3	370	0.017	0.002	0.020	0.049	0.039	0.001	0.001	0.015	0.005	0.003	0.002	0.088	0.001	0.003
Impact_of_Lack_of_materials-4	446	0.020	0.005	0.016	0.003	0.111	0.000	0.003	0.003	0.019	0.015	0.017	0.027	0.014	0.004
Impact_of_Lack_of_materials-5	170	0.008	0.066	0.005	0.001	0.007	0.041	0.015	0.001	0.014	0.010	0.010	0.002	0.000	0.025
Impact_of_Political_climate-1	524	0.024	0.008	0.067	0.005	0.001	0.018	0.049	0.006	0.003	0.000	0.000	0.002	0.037	0.011
Impact_of_Political_climate-2	604	0.027	0.010	0.006	0.059	0.002	0.002	0.026	0.000	0.059	0.007	0.006	0.005	0.001	0.013
Impact_of_Political_climate-3	327	0.015	0.000	0.024	0.056	0.018	0.001	0.021	0.023	0.013	0.020	0.070	0.006	0.016	0.024
Impact_of_Political_climate-4	276	0.012	0.015	0.011	0.001	0.057	0.023	0.034	0.088	0.059	0.001	0.000	0.013	0.007	0.005
Impact_of_Political_climate-5	118	0.005	0.064	0.003	0.001	0.015	0.000	0.022	0.004	0.015	0.003	0.046	0.011	0.000	0.012
Impact_of_Economic_Climate-1	558	0.025	0.009	0.069	0.003	0.001	0.025	0.046	0.008	0.003	0.000	0.002	0.000	0.056	0.012
Impact_of_Economic_Climate-2	668	0.030	0.009	0.011	0.042	0.002	0.017	0.036	0.002	0.073	0.002	0.003	0.004	0.017	0.008
Impact_of_Economic_Climate-3	290	0.013	0.000	0.024	0.053	0.015	0.010	0.016	0.017	0.022	0.021	0.060	0.017	0.006	0.020
Impact_of_Economic_Climate-4	230	0.010	0.018	0.007	0.001	0.048	0.027	0.036	0.084	0.090	0.000	0.002	0.012	0.008	0.000
Impact_of_Economic_Climate-5	103	0.005	0.067	0.001	0.002	0.006	0.002	0.007	0.013	0.016	0.017	0.057	0.006	0.003	0.068
Impact_of_Power_Supply-1	1025	0.046	0.002	0.018	0.002	0.002	0.013	0.012	0.003	0.002	0.002	0.005	0.007	0.089	0.010
Impact_of_Power_Supply-2	487	0.022	0.004	0.016	0.022	0.000	0.001	0.002	0.001	0.014	0.033	0.008	0.010	0.058	0.033
Impact_of_Power_Supply-3	162	0.007	0.001	0.015	0.023	0.022	0.053	0.000	0.000	0.007	0.039	0.013	0.005	0.000	0.003
Impact_of_Power_Supply-4	99	0.004	0.005	0.001	0.001	0.013	0.000	0.134	0.019	0.033	0.007	0.010	0.004	0.132	0.011
Impact_of_Power_Supply-5	76	0.003	0.045	0.001	0.005	0.008	0.024	0.017	0.003	0.002	0.004	0.006	0.002	0.001	0.004

SELECTED RESULT OF MCA FOR MULTIPLE IMPUTATION GENERATED DATA (with 25% Missing Observations)

Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.384	0.299	0.205	0.200	0.120	0.109	0.104	0.101	0.100	0.096	0.090	0.089	0.088
Inertia (%)	9.588	7.468	5.133	4.988	2.991	2.713	2.602	2.530	2.494	2.398	2.260	2.233	2.193
Cumulative %	9.588	17.056	22.189	27.178	30.169	32.881	35.483	38.013	40.507	42.906	45.166	47.399	49.591
Adjusted Inertia	0.107	0.055	0.018	0.016	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	49.416	25.444	8.162	7.405	0.723	0.348	0.236	0.175	0.148	0.087	0.027	0.020	0.011
Cumulative %	49.416	74.860	83.022	90.427	91.149	91.497	91.733	91.908	92.056	92.143	92.170	92.190	92.201
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.145	0.568	-0.117	-0.180	-0.345	-0.021	0.427	-0.071	-0.408	-0.178	-0.205	-0.151	0.137
Impact_of_high_interest_rate-2	-0.276	-0.342	0.243	0.065	0.096	-0.044	0.149	-0.172	0.593	0.406	0.041	-0.203	0.095
Impact_of_high_interest_rate-3	-0.139	-0.544	-0.490	0.293	-0.154	0.206	-0.843	0.598	-0.280	-0.166	0.363	0.843	-0.111
Impact_of_high_interest_rate-4	0.739	-0.267	0.328	-0.668	1.461	0.560	-0.707	-0.813	-0.256	-1.202	-0.313	-0.218	-0.591
Impact_of_high_interest_rate-5	2.322	0.583	0.436	0.900	0.091	-1.210	0.012	0.866	0.346	1.060	0.421	-0.194	-0.319
Impact_of_Unclear_economic_laws-1	-0.395	0.962	-0.099	-0.067	0.165	-0.170	0.491	0.024	-0.212	-0.356	0.062	-0.200	0.608
Impact_of_Unclear_economic_laws-2	-0.364	-0.184	0.433	0.124	-0.009	-0.068	-0.053	0.015	0.228	0.312	-0.288	0.122	-0.238
Impact_of_Unclear_economic_laws-3	-0.016	-0.452	-0.722	0.254	-0.237	0.259	-0.344	0.390	-0.260	0.032	0.405	-0.095	0.264
Impact_of_Unclear_economic_laws-4	0.694	-0.473	-0.118	-1.011	0.374	0.360	-0.144	-0.921	-0.155	-0.653	0.308	0.236	-0.428
Impact_of_Unclear_economic_laws-5	2.638	0.479	0.317	0.737	-0.528	-0.696	0.158	0.439	0.540	0.510	-0.439	-0.297	-0.651
Impact_of_Lack_of_equipments-1	-0.386	1.123	-0.222	0.018	0.122	0.226	-0.246	-0.050	0.052	0.073	0.430	-0.506	0.183
Impact_of_Lack_of_equipments-2	-0.457	-0.175	0.629	0.213	-0.016	-0.163	-0.237	-0.091	-0.530	0.096	-0.118	0.194	-0.406
Impact_of_Lack_of_equipments-3	-0.174	-0.501	-0.705	0.576	0.067	-0.358	0.184	0.097	0.700	-0.448	-0.333	-0.034	0.155
Impact_of_Lack_of_equipments-4	0.456	-0.437	-0.181	-0.851	-0.111	0.393	0.344	0.008	0.047	0.074	0.212	0.193	0.322
Impact_of_Lack_of_equipments-5	1.820	0.377	0.392	0.455	-0.063	-0.348	0.031	0.236	0.119	0.285	-0.544	0.021	-0.290
Impact_of_Insufficient_Demand-1	-0.327	0.808	-0.251	0.009	-0.229	0.299	-0.269	0.353	-0.003	0.074	0.364	-0.253	-0.074
Impact_of_Insufficient_Demand-2	-0.361	-0.183	0.534	0.130	-0.023	-0.072	0.064	-0.131	-0.244	0.092	-0.354	0.126	0.026
Impact_of_Insufficient_Demand-3	-0.184	-0.517	-0.706	0.475	0.253	-0.181	0.025	-0.237	0.295	-0.152	0.472	0.238	0.397
Impact_of_Insufficient_Demand-4	0.476	-0.333	-0.132	-0.895	0.295	0.038	0.208	0.216	0.173	-0.202	-0.344	-0.296	-0.599
Impact_of_Insufficient_Demand-5	2.236	0.388	0.476	0.485	-0.581	-0.315	-0.008	-0.552	-0.027	0.244	0.162	0.433	0.716
Impact_of_Access_to_credit-1	-0.064	0.831	-0.304	-0.278	-0.610	0.283	0.076	-0.113	-0.161	-0.039	-0.245	-0.164	-0.229
Impact_of_Access_to_credit-2	-0.288	-0.230	0.361	-0.003	0.045	-0.058	0.497	-0.418	0.133	0.119	0.336	-0.180	-0.022
Impact_of_Access_to_credit-3	-0.234	-0.489	-0.355	0.455	-0.224	-0.151	-0.700	0.509	0.100	-0.430	0.052	0.442	-0.075
Impact_of_Access_to_credit-4	0.486	-0.345	-0.118	-0.596	1.103	0.245	-0.275	0.506	-0.226	0.105	-0.570	-0.163	0.649
Impact_of_Access_to_credit-5	1.729	0.508	0.593	0.925	0.495	-0.842	-0.217	0.032	0.025	0.725	0.099	0.578	-0.153
Impact_of_Financial_Problem-1	-0.172	0.717	-0.307	-0.097	-0.425	0.329	-0.090	-0.024	-0.031	0.065	-0.093	0.002	-0.208
Impact_of_Financial_Problem-2	-0.247	-0.378	0.450	0.014	0.013	-0.039	-0.031	-0.270	0.169	0.215	0.184	0.054	-0.089
Impact_of_Financial_Problem-3	-0.158	-0.457	-0.425	0.424	0.015	-0.647	0.415	0.244	-0.183	-0.964	0.329	0.000	0.086
Impact_of_Financial_Problem-4	0.678	-0.483	-0.198	-0.697	1.261	0.136	-0.017	0.809	-0.250	0.207	-0.962	-0.108	0.576
Impact_of_Financial_Problem-5	2.623	0.510	0.494	0.875	0.129	-0.289	-0.494	-0.290	0.024	0.574	0.290	-0.250	0.768
Impact_of_competition-1	-0.240	0.701	-0.076	-0.077	0.229	-0.102	-0.226	-0.072	0.037	0.003	-0.078	0.245	-0.073
Impact_of_competition-2	-0.255	-0.366	0.367	0.072	-0.151	0.201	-0.196	-0.049	-0.006	0.015	-0.228	-0.287	0.239
Impact_of_competition-3	0.062	-0.420	-0.739	0.143	-0.337	-0.116	0.346	-0.271	0.559	-0.212	0.221	0.334	-0.322
Impact_of_competition-4	0.447	-0.069	0.049	-0.600	0.308	-0.385	0.806	0.957	-0.889	0.253	0.636	-0.428	-0.567
Impact_of_competition-5	2.517	0.447	0.352	0.990	0.379	0.523	-0.466	-0.588	-0.159	0.064	-0.181	0.628	1.429
Impact_of_Labour_Problems-1	-0.494	1.327	-0.434	-0.072	0.630	0.069	-0.738	-0.182	0.591	0.274	0.172	-0.515	-0.147
Impact_of_Labour_Problems-2	-0.455	-0.081	0.797	0.195	0.169	-0.260	-0.068	-0.112	-0.236	-0.274	0.281	0.083	-0.099
Impact_of_Labour_Problems-3	-0.226	-0.405	-0.618	0.613	-0.164	-0.142	0.129	0.045	-0.005	-0.118	-0.717	-0.286	-0.060
Impact_of_Labour_Problems-4	0.320	-0.327	-0.157	-0.913	-0.204	0.132	0.238	0.207	0.182	0.338	0.194	0.449	0.085
Impact_of_Labour_Problems-5	1.518	0.429	0.104	0.557	-0.308	0.616	0.147	-0.119	-0.508	-0.186	0.125	-0.157	0.359
Impact_of_Lack_of_materials-1	-0.407	1.236	-0.287	0.016	0.386	0.101	-0.719	-0.026	0.491	0.219	0.208	-0.338	-0.193
Impact_of_Lack_of_materials-2	-0.439	-0.031	0.803	0.217	0.030	-0.125	0.018	0.068	-0.476	-0.189	0.188	0.027	-0.066
Impact_of_Lack_of_materials-3	-0.243	-0.556	-0.785	0.696	0.000	-0.050	0.293	-0.164	0.135	-0.130	-0.639	-0.203	-0.115
Impact_of_Lack_of_materials-4	0.330	-0.490	-0.226	-1.045	-0.008	-0.058	0.146	0.172	0.279	0.311	0.204	0.342	0.071
Impact_of_Lack_of_materials-5	1.840	0.451	0.174	0.476	-0.758	0.501	0.171	-0.274	-0.324	-0.293	-0.116	0.049	0.627
Impact_of_Political_climate-1	-0.356	0.934	-0.169	-0.110	0.311	-0.449	0.215	-0.058	0.055	-0.057	-0.022	0.430	0.158
Impact_of_Political_climate-2	-0.375	-0.303	0.660	0.077	-0.080	0.369	-0.012	0.417	0.252	-0.061	-0.041	-0.027	0.130
Impact_of_Political_climate-3	-0.100	-0.642	-0.880	0.552	0.158	0.370	0.235	-0.335	-0.546	0.619	0.141	-0.321	-0.234
Impact_of_Political_climate-4	0.700	-0.525	-0.157	-0.968	-0.641	-0.742	-0.800	-0.532	-0.151	-0.142	-0.214	-0.345	-0.084
Impact_of_Political_climate-5	2.158	0.436	0.226	0.775	0.065	0.785	0.293	0.305	0.364	-0.854	0.406	-0.064	-0.511
Impact_of_Economic_Climate-1	-0.374	0.910	-0.118	-0.105	0.346	-0.432	0.224	-0.049	0.025	-0.105	-0.113	0.484	0.157
Impact_of_Economic_Climate-2	-0.341	-0.344	0.521	0.103	-0.270	0.425	-0.022	0.451	0.159	-0.068	-0.003	-0.222	0.128
Impact_of_Economic_Climate-3	-0.009	-0.696	-0.881	0.500	0.442	0.291	0.129	-0.480	-0.442	0.644	0.308	-0.185	-0.336
Impact_of_Economic_Climate-4	0.856	-0.424	-0.231	-0.936	-0.768	-0.820	-0.886	-0.603	-0.262	0.048	-0.213	-0.327	0.223
Impact_of_Economic_Climate-5	2.358	0.299	0.372	0.556	0.323	0.589	0.561	0.112	0.729	-1.002	0.211	0.099	-1.214
Impact_of_Power_Supply-1	-0.133	0.346	-0.085	-0.091	-0.162	0.188	0.078	0.033	-0.046	0.126	-0.251	0.323	-0.189
Impact_of_Power_Supply-2	-0.256	-0.479	0.411	-0.052	-0.028	-0.093	-0.082	-0.239	0.380	-0.283	0.286	-0.350	0.459
Impact_of_Power_Supply-3	0.163	-0.751	-0.786	0.838	0.712	-0.235	-0.133	-0.200	-0.928	0.531	0.277	0.011	0.181
Impact_of_Power_Supply-4	0.643	-0.184	-0.290	-0.753	-0.164	-1.669	-0.169	1.202	-0.110	-0.490	0.600	-1.471	-0.282
Impact_of_Power_Supply-5	2.240	0.291	0.575	0.726	1.036	0.754	-0.005	-0.038	0.312	-0.376	0.152	-0.203	-0.440

SELECTED RESULT OF MCA FOR MULTIPLE IMPUTATION GENERATED DATA (with 25% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	665	0.030	0.002	0.032	0.002	0.005	0.030	0.000	0.053	0.002	0.050	0.010	0.014	0.008	0.006
Impact_of_high_interest_rate-2	623	0.028	0.006	0.011	0.008	0.001	0.002	0.000	0.006	0.008	0.099	0.048	0.001	0.013	0.003
Impact_of_high_interest_rate-3	327	0.015	0.001	0.015	0.017	0.006	0.003	0.006	0.101	0.052	0.012	0.004	0.021	0.117	0.002
Impact_of_high_interest_rate-4	145	0.007	0.009	0.002	0.003	0.015	0.117	0.019	0.031	0.043	0.004	0.098	0.007	0.003	0.026
Impact_of_high_interest_rate-5	89	0.004	0.056	0.005	0.004	0.016	0.000	0.054	0.000	0.030	0.005	0.047	0.008	0.002	0.005
Impact_of_Unclear_economic_laws-1	390	0.018	0.007	0.054	0.001	0.000	0.004	0.005	0.041	0.000	0.008	0.023	0.001	0.008	0.074
Impact_of_Unclear_economic_laws-2	733	0.033	0.011	0.004	0.030	0.003	0.000	0.001	0.001	0.000	0.017	0.033	0.030	0.005	0.021
Impact_of_Unclear_economic_laws-3	391	0.018	0.000	0.012	0.045	0.006	0.008	0.011	0.020	0.026	0.012	0.000	0.032	0.002	0.014
Impact_of_Unclear_economic_laws-4	235	0.011	0.013	0.008	0.001	0.054	0.012	0.013	0.002	0.089	0.003	0.047	0.011	0.007	0.022
Impact_of_Unclear_economic_laws-5	100	0.005	0.082	0.003	0.002	0.012	0.010	0.020	0.001	0.009	0.013	0.012	0.010	0.004	0.022
Impact_of_Lack_of_equipments-1	367	0.017	0.006	0.070	0.004	0.000	0.002	0.008	0.010	0.000	0.000	0.001	0.034	0.047	0.006
Impact_of_Lack_of_equipments-2	555	0.025	0.014	0.003	0.048	0.006	0.000	0.006	0.014	0.002	0.071	0.002	0.004	0.010	0.047
Impact_of_Lack_of_equipments-3	340	0.015	0.001	0.013	0.037	0.025	0.001	0.018	0.005	0.001	0.075	0.032	0.019	0.000	0.004
Impact_of_Lack_of_equipments-4	450	0.020	0.011	0.013	0.003	0.074	0.002	0.029	0.023	0.000	0.000	0.001	0.010	0.008	0.024
Impact_of_Lack_of_equipments-5	137	0.006	0.053	0.003	0.005	0.006	0.000	0.007	0.000	0.003	0.001	0.005	0.020	0.000	0.006
Impact_of_Insufficient_Demand-1	436	0.020	0.005	0.043	0.006	0.000	0.009	0.016	0.014	0.024	0.000	0.001	0.029	0.014	0.001
Impact_of_Insufficient_Demand-2	622	0.028	0.010	0.003	0.039	0.002	0.000	0.001	0.001	0.005	0.017	0.002	0.039	0.005	0.000
Impact_of_Insufficient_Demand-3	334	0.015	0.001	0.013	0.037	0.017	0.008	0.005	0.000	0.008	0.013	0.004	0.037	0.010	0.027
Impact_of_Insufficient_Demand-4	337	0.015	0.009	0.006	0.001	0.061	0.011	0.000	0.006	0.007	0.005	0.006	0.020	0.015	0.062
Impact_of_Insufficient_Demand-5	120	0.005	0.070	0.003	0.006	0.006	0.015	0.005	0.000	0.016	0.000	0.003	0.002	0.011	0.032
Impact_of_Access_to_credit-1	447	0.020	0.000	0.047	0.009	0.008	0.063	0.015	0.001	0.003	0.005	0.000	0.013	0.006	0.012
Impact_of_Access_to_credit-2	659	0.030	0.006	0.005	0.019	0.000	0.001	0.001	0.071	0.051	0.005	0.004	0.037	0.011	0.000
Impact_of_Access_to_credit-3	385	0.017	0.002	0.014	0.011	0.018	0.007	0.004	0.082	0.044	0.002	0.033	0.001	0.038	0.001
Impact_of_Access_to_credit-4	250	0.011	0.007	0.004	0.001	0.020	0.115	0.006	0.008	0.028	0.006	0.001	0.041	0.003	0.054
Impact_of_Access_to_credit-5	108	0.005	0.038	0.004	0.008	0.021	0.010	0.032	0.002	0.000	0.000	0.027	0.001	0.018	0.001
Impact_of_Financial_Problem-1	617	0.028	0.002	0.048	0.013	0.001	0.042	0.028	0.002	0.000	0.000	0.001	0.003	0.000	0.014
Impact_of_Financial_Problem-2	689	0.031	0.005	0.015	0.031	0.000	0.000	0.000	0.000	0.022	0.009	0.015	0.012	0.001	0.003
Impact_of_Financial_Problem-3	280	0.013	0.001	0.009	0.011	0.011	0.000	0.049	0.021	0.007	0.004	0.122	0.015	0.000	0.001
Impact_of_Financial_Problem-4	190	0.009	0.010	0.007	0.002	0.021	0.114	0.001	0.000	0.055	0.005	0.004	0.088	0.001	0.032
Impact_of_Financial_Problem-5	73	0.003	0.059	0.003	0.004	0.013	0.000	0.003	0.008	0.003	0.000	0.011	0.003	0.002	0.022
Impact_of_competition-1	535	0.024	0.004	0.040	0.001	0.001	0.011	0.002	0.012	0.001	0.000	0.000	0.002	0.016	0.001
Impact_of_competition-2	688	0.031	0.005	0.014	0.020	0.001	0.006	0.012	0.011	0.001	0.000	0.000	0.018	0.029	0.020
Impact_of_competition-3	336	0.015	0.000	0.009	0.040	0.002	0.014	0.002	0.017	0.011	0.047	0.007	0.008	0.019	0.018
Impact_of_competition-4	216	0.010	0.005	0.000	0.000	0.018	0.008	0.013	0.061	0.088	0.077	0.006	0.044	0.020	0.036
Impact_of_competition-5	74	0.003	0.055	0.002	0.002	0.016	0.004	0.008	0.007	0.011	0.001	0.000	0.001	0.015	0.078
Impact_of_Labour_Problems-1	222	0.010	0.006	0.059	0.009	0.000	0.033	0.000	0.052	0.003	0.035	0.008	0.003	0.030	0.002
Impact_of_Labour_Problems-2	522	0.024	0.013	0.001	0.073	0.004	0.006	0.015	0.001	0.003	0.013	0.018	0.021	0.002	0.003
Impact_of_Labour_Problems-3	424	0.019	0.003	0.010	0.036	0.036	0.004	0.004	0.003	0.000	0.000	0.003	0.109	0.017	0.001
Impact_of_Labour_Problems-4	493	0.022	0.006	0.008	0.003	0.093	0.008	0.004	0.012	0.009	0.007	0.027	0.009	0.050	0.002
Impact_of_Labour_Problems-5	188	0.008	0.051	0.005	0.000	0.013	0.007	0.030	0.002	0.001	0.022	0.003	0.001	0.002	0.012
Impact_of_Lack_of_materials-1	298	0.013	0.006	0.069	0.005	0.000	0.017	0.001	0.067	0.000	0.033	0.007	0.006	0.017	0.006
Impact_of_Lack_of_materials-2	561	0.025	0.013	0.000	0.079	0.006	0.000	0.004	0.000	0.001	0.057	0.009	0.010	0.000	0.001
Impact_of_Lack_of_materials-3	374	0.017	0.003	0.017	0.051	0.041	0.000	0.000	0.014	0.004	0.003	0.003	0.076	0.008	0.003
Impact_of_Lack_of_materials-4	447	0.020	0.006	0.016	0.005	0.110	0.000	0.001	0.004	0.006	0.016	0.020	0.009	0.026	0.001
Impact_of_Lack_of_materials-5	169	0.008	0.067	0.005	0.001	0.009	0.037	0.018	0.002	0.006	0.008	0.007	0.001	0.000	0.034
Impact_of_Political_climate-1	523	0.024	0.008	0.069	0.003	0.001	0.019	0.044	0.011	0.001	0.001	0.001	0.000	0.049	0.007
Impact_of_Political_climate-2	602	0.027	0.010	0.008	0.058	0.001	0.001	0.034	0.000	0.047	0.017	0.001	0.001	0.000	0.005
Impact_of_Political_climate-3	333	0.015	0.000	0.021	0.057	0.023	0.003	0.019	0.008	0.017	0.045	0.060	0.003	0.017	0.009
Impact_of_Political_climate-4	273	0.012	0.016	0.011	0.001	0.058	0.042	0.063	0.076	0.034	0.003	0.003	0.006	0.016	0.001
Impact_of_Political_climate-5	118	0.005	0.065	0.003	0.001	0.016	0.000	0.030	0.004	0.005	0.007	0.040	0.010	0.000	0.016
Impact_of_Economic_Climate-1	554	0.025	0.009	0.069	0.002	0.001	0.025	0.043	0.012	0.001	0.000	0.003	0.004	0.066	0.007
Impact_of_Economic_Climate-2	663	0.030	0.009	0.012	0.039	0.002	0.018	0.050	0.000	0.060	0.008	0.001	0.000	0.016	0.006
Impact_of_Economic_Climate-3	300	0.014	0.000	0.022	0.051	0.017	0.022	0.011	0.002	0.031	0.026	0.058	0.014	0.005	0.017
Impact_of_Economic_Climate-4	231	0.010	0.020	0.006	0.003	0.046	0.051	0.064	0.078	0.037	0.007	0.000	0.005	0.012	0.006
Impact_of_Economic_Climate-5	101	0.005	0.066	0.001	0.003	0.007	0.004	0.015	0.014	0.001	0.024	0.048	0.002	0.000	0.077
Impact_of_Power_Supply-1	1021	0.046	0.002	0.018	0.002	0.002	0.010	0.015	0.003	0.000	0.001	0.008	0.032	0.054	0.019
Impact_of_Power_Supply-2	489	0.022	0.004	0.017	0.018	0.000	0.000	0.002	0.001	0.012	0.032	0.018	0.020	0.030	0.053
Impact_of_Power_Supply-3	164	0.007	0.001	0.014	0.022	0.026	0.031	0.004	0.001	0.003	0.064	0.022	0.006	0.000	0.003
Impact_of_Power_Supply-4	99	0.004	0.005	0.001	0.002	0.013	0.001	0.115	0.001	0.064	0.001	0.011	0.018	0.108	0.004
Impact_of_Power_Supply-5	76	0.003	0.045	0.001	0.006	0.009	0.031	0.018	0.000	0.000	0.003	0.005	0.001	0.002	0.008

SELECTED RESULT OF MCA FOR MEAN REPLACEMENT GENERATED DATA (with 25% Missing Observations)													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.377	0.297	0.203	0.200	0.118	0.108	0.104	0.100	0.098	0.096	0.092	0.089	0.087
Inertia (%)	9.417	7.425	5.086	4.998	2.958	2.690	2.603	2.489	2.457	2.388	2.288	2.222	2.180
Cumulative %	9.417	16.843	21.929	26.927	29.886	32.576	35.178	37.668	40.125	42.513	44.801	47.022	49.202
Adjusted Inertia	0.102	0.054	0.017	0.016	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	48.769	25.876	8.177	7.704	0.694	0.334	0.245	0.149	0.127	0.084	0.038	0.017	0.008
Cumulative %	48.769	74.645	82.822	90.526	91.220	91.554	91.799	91.948	92.075	92.159	92.197	92.214	92.223
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.151	0.570	-0.075	-0.185	-0.367	-0.123	0.436	-0.370	-0.096	-0.086	-0.129	-0.287	0.001
Impact_of_high_interest_rate-2	-0.273	-0.386	0.247	0.084	0.148	0.026	0.062	0.436	0.470	0.398	0.057	-0.232	0.043
Impact_of_high_interest_rate-3	-0.095	-0.450	-0.522	0.246	-0.159	0.228	-0.623	0.125	-0.668	-0.256	0.034	0.871	0.283
Impact_of_high_interest_rate-4	0.639	-0.283	0.403	-0.674	1.386	0.607	-0.689	-1.102	0.417	-1.127	0.097	0.008	-0.650
Impact_of_high_interest_rate-5	2.329	0.584	0.405	0.883	0.218	-1.136	-0.053	1.089	-0.356	0.805	0.293	0.136	-0.425
Impact_of_Unclear_economic_laws-1	-0.402	0.963	-0.050	-0.078	0.167	-0.219	0.504	-0.214	0.013	-0.188	0.094	-0.424	0.482
Impact_of_Unclear_economic_laws-2	-0.361	-0.227	0.408	0.180	-0.009	-0.064	-0.095	0.222	0.084	0.178	-0.335	0.122	-0.250
Impact_of_Unclear_economic_laws-3	-0.001	-0.373	-0.720	0.138	-0.210	0.274	-0.189	0.096	-0.523	0.075	0.427	-0.057	0.280
Impact_of_Unclear_economic_laws-4	0.684	-0.474	-0.020	-1.035	0.347	0.383	-0.218	-0.876	0.612	-0.466	0.276	0.470	-0.217
Impact_of_Unclear_economic_laws-5	2.647	0.498	0.266	0.795	-0.513	-0.690	0.000	0.833	0.113	0.196	-0.339	-0.061	-0.743
Impact_of_Lack_of_equipments-1	-0.392	1.128	-0.175	-0.024	0.128	0.260	-0.213	0.035	0.035	0.165	0.540	-0.351	0.000
Impact_of_Lack_of_equipments-2	-0.460	-0.203	0.598	0.285	-0.018	-0.194	-0.212	-0.404	-0.340	0.071	-0.126	0.274	-0.289
Impact_of_Lack_of_equipments-3	-0.105	-0.439	-0.767	0.501	0.029	-0.264	0.057	0.469	0.488	-0.545	-0.254	-0.140	0.087
Impact_of_Lack_of_equipments-4	0.430	-0.452	-0.097	-0.915	-0.103	0.342	0.404	0.005	0.045	0.180	0.071	0.084	0.410
Impact_of_Lack_of_equipments-5	1.824	0.378	0.386	0.478	-0.021	-0.299	0.001	0.285	-0.149	0.141	-0.491	-0.060	-0.356
Impact_of_Insufficient_Demand-1	-0.330	0.818	-0.201	-0.031	-0.221	0.330	-0.140	0.250	-0.329	0.070	0.408	-0.055	-0.130
Impact_of_Insufficient_Demand-2	-0.360	-0.209	0.503	0.199	-0.032	-0.138	0.034	-0.292	-0.060	0.098	-0.389	-0.018	0.019
Impact_of_Insufficient_Demand-3	-0.151	-0.475	-0.763	0.397	0.283	-0.112	0.012	0.082	0.371	-0.061	0.446	0.155	0.401
Impact_of_Insufficient_Demand-4	0.453	-0.328	-0.025	-0.938	0.257	0.052	0.143	0.216	0.047	-0.366	-0.295	-0.119	-0.593
Impact_of_Insufficient_Demand-5	2.238	0.386	0.459	0.510	-0.566	-0.312	-0.093	-0.251	0.287	0.425	0.013	0.168	0.826
Impact_of_Access_to_credit-1	-0.070	0.839	-0.235	-0.307	-0.653	0.232	0.104	-0.173	0.019	-0.057	-0.129	-0.155	-0.317
Impact_of_Access_to_credit-2	-0.293	-0.256	0.379	0.029	0.064	-0.088	0.391	-0.126	0.478	0.297	0.283	-0.043	-0.048
Impact_of_Access_to_credit-3	-0.208	-0.443	-0.439	0.437	-0.177	-0.076	-0.510	0.235	-0.401	-0.564	0.065	0.388	0.200
Impact_of_Access_to_credit-4	0.486	-0.337	-0.051	-0.645	1.078	0.305	-0.187	0.145	-0.582	0.025	-0.520	-0.566	0.390
Impact_of_Access_to_credit-5	1.711	0.503	0.536	0.921	0.535	-0.859	-0.359	0.231	-0.031	0.581	-0.193	0.714	-0.061
Impact_of_Financial_Problem-1	-0.176	0.727	-0.267	-0.123	-0.437	0.321	-0.046	-0.024	-0.051	0.058	-0.059	0.061	-0.211
Impact_of_Financial_Problem-2	-0.250	-0.405	0.424	0.063	0.011	-0.028	-0.167	-0.018	0.306	0.246	0.081	0.174	-0.093
Impact_of_Financial_Problem-3	-0.110	-0.409	-0.451	0.378	0.104	-0.617	0.613	-0.140	-0.110	-0.832	0.480	0.017	0.302
Impact_of_Financial_Problem-4	0.654	-0.485	-0.106	-0.762	1.194	0.134	0.002	0.351	-0.798	-0.061	-0.927	-0.678	0.373
Impact_of_Financial_Problem-5	2.610	0.519	0.439	0.876	0.117	-0.295	-0.569	0.042	0.086	0.779	0.174	-0.461	0.465
Impact_of_competition-1	-0.244	0.702	-0.036	-0.090	0.214	-0.063	-0.246	0.002	0.025	-0.055	-0.112	0.197	0.085
Impact_of_competition-2	-0.246	-0.381	0.352	0.095	-0.172	0.192	-0.230	-0.047	0.000	-0.007	-0.137	-0.370	0.055
Impact_of_competition-3	0.076	-0.379	-0.741	0.153	-0.271	-0.062	0.338	0.192	0.622	-0.066	0.156	0.427	-0.101
Impact_of_competition-4	0.389	-0.090	0.096	-0.647	0.346	-0.521	0.964	0.015	-1.114	0.160	0.592	0.004	-0.756
Impact_of_competition-5	2.528	0.454	0.310	0.913	0.316	0.501	-0.509	-0.550	0.061	0.308	-0.395	-0.102	1.541
Impact_of_Labour_Problems-1	-0.501	1.340	-0.365	-0.131	0.624	0.196	-0.828	0.404	0.344	0.186	0.331	-0.292	-0.221
Impact_of_Labour_Problems-2	-0.465	-0.119	0.771	0.284	0.177	-0.227	-0.032	-0.275	-0.057	-0.159	0.310	0.152	-0.003
Impact_of_Labour_Problems-3	-0.190	-0.353	-0.661	0.533	-0.179	-0.156	0.039	0.012	0.039	-0.221	-0.572	-0.385	-0.250
Impact_of_Labour_Problems-4	0.322	-0.334	-0.068	-0.946	-0.197	0.075	0.260	0.326	-0.010	0.294	-0.033	0.444	0.240
Impact_of_Labour_Problems-5	1.504	0.437	0.069	0.516	-0.296	0.574	0.313	-0.587	-0.320	-0.004	0.211	-0.284	0.255
Impact_of_Lack_of_materials-1	-0.411	1.245	-0.231	-0.031	0.389	0.217	-0.740	0.405	0.212	0.128	0.304	-0.123	-0.241
Impact_of_Lack_of_materials-2	-0.445	-0.063	0.763	0.311	0.027	-0.151	0.088	-0.303	-0.334	-0.122	0.212	0.115	-0.004
Impact_of_Lack_of_materials-3	-0.206	-0.508	-0.868	0.588	-0.017	-0.095	0.144	-0.073	0.260	-0.194	-0.559	-0.356	-0.251
Impact_of_Lack_of_materials-4	0.323	-0.496	-0.118	-1.076	-0.001	-0.039	0.181	0.367	0.083	0.285	0.045	0.362	0.156
Impact_of_Lack_of_materials-5	1.845	0.459	0.177	0.465	-0.736	0.436	0.218	-0.498	-0.079	-0.114	-0.074	-0.286	0.610
Impact_of_Political_climate-1	-0.362	0.937	-0.120	-0.129	0.333	-0.454	0.152	-0.018	0.126	-0.033	-0.195	0.281	0.304
Impact_of_Political_climate-2	-0.382	-0.342	0.636	0.157	-0.086	0.388	0.101	0.451	-0.137	-0.165	-0.007	-0.079	0.086
Impact_of_Political_climate-3	-0.049	-0.577	-0.902	0.412	0.130	0.294	0.138	-0.535	-0.106	0.759	0.088	-0.143	-0.337
Impact_of_Political_climate-4	0.677	-0.522	-0.092	-0.985	-0.670	-0.735	-0.898	-0.364	0.113	-0.192	0.059	-0.304	-0.216
Impact_of_Political_climate-5	2.176	0.456	0.211	0.768	0.071	0.835	0.419	0.211	0.193	-0.850	0.511	0.261	-0.298
Impact_of_Economic_Climate-1	-0.381	0.912	-0.067	-0.115	0.354	-0.440	0.173	-0.035	0.113	-0.118	-0.288	0.297	0.325
Impact_of_Economic_Climate-2	-0.337	-0.394	0.496	0.166	-0.276	0.437	0.091	0.397	-0.233	-0.154	0.084	-0.217	0.036
Impact_of_Economic_Climate-3	0.030	-0.574	-0.907	0.327	0.404	0.227	0.066	-0.503	-0.077	0.792	0.228	0.009	-0.439
Impact_of_Economic_Climate-4	0.837	-0.421	-0.113	-0.943	-0.823	-0.810	-1.087	-0.479	0.204	0.076	0.021	-0.372	0.152
Impact_of_Economic_Climate-5	2.348	0.295	0.342	0.558	0.321	0.630	0.613	0.300	0.685	-1.075	0.259	0.545	-0.927
Impact_of_Power_Supply-1	-0.134	0.347	-0.066	-0.100	-0.171	0.162	0.075	-0.021	-0.062	0.050	-0.353	0.311	-0.115
Impact_of_Power_Supply-2	-0.252	-0.503	0.370	0.013	-0.046	-0.034	-0.168	0.046	0.411	-0.107	0.374	-0.440	0.399
Impact_of_Power_Supply-3	0.204	-0.704	-0.938	0.801	0.833	-0.353	0.039	-0.576	-0.557	0.628	0.267	0.033	0.129
Impact_of_Power_Supply-4	0.643	-0.174	-0.192	-0.798	-0.045	-1.634	-0.016	0.809	-0.832	-0.617	1.262	-0.964	-0.754
Impact_of_Power_Supply-5	2.230	0.283	0.529	0.722	1.030	0.869	0.049	0.050	0.281	-0.397	0.096	-0.076	-0.374

SELECTED RESULT OF MCA FOR MEAN REPLACEMENT GENERATED DATA (with 25% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	665	0.030	0.002	0.033	0.001	0.005	0.034	0.004	0.055	0.041	0.003	0.002	0.005	0.028	0.000
Impact_of_high_interest_rate-2	593	0.027	0.005	0.013	0.008	0.001	0.005	0.000	0.001	0.051	0.060	0.044	0.001	0.016	0.001
Impact_of_high_interest_rate-3	362	0.016	0.000	0.011	0.022	0.005	0.003	0.008	0.061	0.003	0.074	0.011	0.000	0.139	0.015
Impact_of_high_interest_rate-4	140	0.006	0.007	0.002	0.005	0.014	0.102	0.022	0.029	0.077	0.011	0.084	0.001	0.000	0.031
Impact_of_high_interest_rate-5	89	0.004	0.058	0.005	0.003	0.016	0.002	0.048	0.000	0.048	0.005	0.027	0.004	0.001	0.008
Impact_of_Unclear_economic_laws-1	390	0.018	0.008	0.055	0.000	0.001	0.004	0.008	0.043	0.008	0.000	0.006	0.002	0.036	0.047
Impact_of_Unclear_economic_laws-2	721	0.032	0.011	0.006	0.027	0.005	0.000	0.001	0.003	0.016	0.002	0.011	0.040	0.005	0.023
Impact_of_Unclear_economic_laws-3	412	0.019	0.000	0.009	0.047	0.002	0.007	0.013	0.006	0.002	0.052	0.001	0.037	0.001	0.017
Impact_of_Unclear_economic_laws-4	227	0.010	0.013	0.008	0.000	0.055	0.010	0.014	0.005	0.079	0.039	0.023	0.009	0.025	0.006
Impact_of_Unclear_economic_laws-5	99	0.004	0.083	0.004	0.002	0.014	0.010	0.020	0.000	0.031	0.001	0.002	0.006	0.000	0.028
Impact_of_Lack_of_equipments-1	367	0.017	0.007	0.071	0.002	0.000	0.002	0.010	0.007	0.000	0.000	0.005	0.053	0.023	0.000
Impact_of_Lack_of_equipments-2	552	0.025	0.014	0.003	0.044	0.010	0.000	0.009	0.011	0.041	0.029	0.001	0.004	0.021	0.024
Impact_of_Lack_of_equipments-3	361	0.016	0.000	0.011	0.047	0.020	0.000	0.011	0.000	0.036	0.039	0.051	0.012	0.004	0.001
Impact_of_Lack_of_equipments-4	432	0.019	0.010	0.013	0.001	0.081	0.002	0.021	0.031	0.000	0.000	0.007	0.001	0.002	0.038
Impact_of_Lack_of_equipments-5	137	0.006	0.055	0.003	0.005	0.007	0.000	0.005	0.000	0.005	0.001	0.001	0.016	0.000	0.009
Impact_of_Insufficient_Demand-1	436	0.020	0.006	0.044	0.004	0.000	0.008	0.020	0.004	0.012	0.022	0.001	0.036	0.001	0.004
Impact_of_Insufficient_Demand-2	613	0.028	0.010	0.004	0.034	0.005	0.000	0.005	0.000	0.024	0.001	0.003	0.046	0.000	0.000
Impact_of_Insufficient_Demand-3	351	0.016	0.001	0.012	0.045	0.012	0.011	0.002	0.000	0.001	0.022	0.001	0.034	0.004	0.029
Impact_of_Insufficient_Demand-4	329	0.015	0.008	0.005	0.000	0.065	0.008	0.000	0.003	0.007	0.000	0.021	0.014	0.002	0.060
Impact_of_Insufficient_Demand-5	120	0.005	0.072	0.003	0.006	0.007	0.015	0.005	0.000	0.003	0.005	0.010	0.000	0.002	0.042
Impact_of_Access_to_credit-1	447	0.020	0.000	0.048	0.005	0.009	0.073	0.010	0.002	0.006	0.000	0.001	0.004	0.005	0.023
Impact_of_Access_to_credit-2	636	0.029	0.007	0.006	0.020	0.000	0.001	0.002	0.042	0.005	0.067	0.027	0.025	0.001	0.001
Impact_of_Access_to_credit-3	412	0.019	0.002	0.012	0.018	0.018	0.005	0.001	0.046	0.010	0.030	0.062	0.001	0.031	0.009
Impact_of_Access_to_credit-4	247	0.011	0.007	0.004	0.000	0.023	0.109	0.010	0.004	0.002	0.038	0.000	0.033	0.040	0.019
Impact_of_Access_to_credit-5	107	0.005	0.037	0.004	0.007	0.020	0.012	0.033	0.006	0.003	0.000	0.017	0.002	0.028	0.000
Impact_of_Financial_Problem-1	617	0.028	0.002	0.049	0.010	0.002	0.045	0.027	0.001	0.000	0.001	0.001	0.001	0.001	0.014
Impact_of_Financial_Problem-2	676	0.030	0.005	0.017	0.027	0.001	0.000	0.000	0.008	0.000	0.029	0.019	0.002	0.010	0.003
Impact_of_Financial_Problem-3	297	0.013	0.000	0.008	0.013	0.010	0.001	0.047	0.048	0.003	0.002	0.097	0.034	0.000	0.014
Impact_of_Financial_Problem-4	187	0.008	0.010	0.007	0.000	0.024	0.102	0.001	0.000	0.010	0.055	0.000	0.079	0.044	0.013
Impact_of_Financial_Problem-5	72	0.003	0.059	0.003	0.003	0.012	0.000	0.003	0.010	0.000	0.000	0.021	0.001	0.008	0.008
Impact_of_competition-1	535	0.024	0.004	0.040	0.000	0.001	0.009	0.001	0.014	0.000	0.000	0.001	0.003	0.011	0.002
Impact_of_competition-2	674	0.030	0.005	0.015	0.018	0.001	0.008	0.010	0.015	0.001	0.000	0.000	0.006	0.047	0.001
Impact_of_competition-3	353	0.016	0.000	0.008	0.043	0.002	0.010	0.001	0.017	0.006	0.063	0.001	0.004	0.033	0.002
Impact_of_competition-4	213	0.010	0.004	0.000	0.000	0.020	0.010	0.024	0.086	0.000	0.121	0.003	0.037	0.000	0.063
Impact_of_competition-5	74	0.003	0.057	0.002	0.002	0.014	0.003	0.008	0.008	0.010	0.000	0.003	0.006	0.000	0.091
Impact_of_Labour_Problems-1	222	0.010	0.007	0.060	0.007	0.001	0.033	0.004	0.066	0.016	0.012	0.004	0.012	0.010	0.006
Impact_of_Labour_Problems-2	514	0.023	0.013	0.001	0.068	0.009	0.006	0.011	0.000	0.018	0.001	0.006	0.024	0.006	0.000
Impact_of_Labour_Problems-3	448	0.020	0.002	0.008	0.043	0.029	0.005	0.005	0.000	0.000	0.000	0.010	0.072	0.034	0.014
Impact_of_Labour_Problems-4	478	0.022	0.006	0.008	0.000	0.096	0.007	0.001	0.014	0.023	0.000	0.019	0.000	0.048	0.014
Impact_of_Labour_Problems-5	187	0.008	0.051	0.005	0.000	0.011	0.006	0.026	0.008	0.029	0.009	0.000	0.004	0.008	0.006
Impact_of_Lack_of_materials-1	298	0.013	0.006	0.070	0.004	0.000	0.017	0.006	0.071	0.022	0.006	0.002	0.014	0.002	0.009
Impact_of_Lack_of_materials-2	559	0.025	0.013	0.000	0.072	0.012	0.000	0.005	0.002	0.023	0.029	0.004	0.012	0.004	0.000
Impact_of_Lack_of_materials-3	387	0.017	0.002	0.015	0.065	0.030	0.000	0.001	0.003	0.001	0.012	0.007	0.059	0.025	0.013
Impact_of_Lack_of_materials-4	437	0.020	0.005	0.016	0.001	0.114	0.000	0.000	0.006	0.027	0.001	0.017	0.000	0.029	0.006
Impact_of_Lack_of_materials-5	168	0.008	0.068	0.005	0.001	0.008	0.035	0.013	0.003	0.019	0.000	0.001	0.000	0.007	0.032
Impact_of_Political_climate-1	523	0.024	0.008	0.070	0.002	0.002	0.022	0.045	0.005	0.000	0.004	0.000	0.010	0.021	0.025
Impact_of_Political_climate-2	595	0.027	0.010	0.011	0.053	0.003	0.002	0.037	0.003	0.055	0.005	0.008	0.000	0.002	0.002
Impact_of_Political_climate-3	350	0.016	0.000	0.018	0.063	0.013	0.002	0.013	0.003	0.045	0.002	0.095	0.001	0.004	0.021
Impact_of_Political_climate-4	264	0.012	0.014	0.011	0.000	0.058	0.045	0.060	0.092	0.016	0.002	0.005	0.000	0.012	0.006
Impact_of_Political_climate-5	117	0.005	0.066	0.004	0.001	0.016	0.000	0.034	0.009	0.002	0.002	0.040	0.015	0.004	0.005
Impact_of_Economic_Climate-1	554	0.025	0.010	0.070	0.001	0.002	0.026	0.045	0.007	0.000	0.003	0.004	0.023	0.025	0.030
Impact_of_Economic_Climate-2	650	0.029	0.009	0.015	0.035	0.004	0.019	0.052	0.002	0.046	0.016	0.007	0.002	0.015	0.000
Impact_of_Economic_Climate-3	325	0.015	0.000	0.016	0.059	0.008	0.020	0.007	0.001	0.037	0.001	0.096	0.008	0.000	0.032
Impact_of_Economic_Climate-4	219	0.010	0.018	0.006	0.001	0.044	0.056	0.060	0.112	0.023	0.004	0.001	0.000	0.015	0.003
Impact_of_Economic_Climate-5	101	0.005	0.067	0.001	0.003	0.007	0.004	0.017	0.016	0.004	0.022	0.055	0.003	0.015	0.045
Impact_of_Power_Supply-1	1021	0.046	0.002	0.019	0.001	0.002	0.011	0.011	0.002	0.000	0.002	0.001	0.063	0.050	0.007
Impact_of_Power_Supply-2	504	0.023	0.004	0.019	0.015	0.000	0.000	0.000	0.006	0.000	0.039	0.003	0.035	0.049	0.042
Impact_of_Power_Supply-3	149	0.007	0.001	0.011	0.029	0.022	0.039	0.008	0.000	0.022	0.021	0.028	0.005	0.000	0.001
Impact_of_Power_Supply-4	99	0.004	0.005	0.000	0.001	0.014	0.000	0.111	0.000	0.029	0.031	0.018	0.078	0.047	0.029
Impact_of_Power_Supply-5	76	0.003	0.045	0.001	0.005	0.009	0.031	0.024	0.000	0.000	0.003	0.006	0.000	0.000	0.006

SELECTED RESULT OF MCA FOR NEAREST NEIGHBOUR GENERATED DATA (with 25% Missing Observations)													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.386	0.309	0.214	0.204	0.121	0.109	0.105	0.102	0.098	0.096	0.091	0.089	0.086
Inertia (%)	9.647	7.721	5.338	5.088	3.029	2.718	2.617	2.538	2.458	2.396	2.263	2.218	2.148
Cumulative %	9.647	17.369	22.707	27.794	30.823	33.541	36.159	38.697	41.155	43.551	45.815	48.032	50.180
Adjusted Inertia	0.109	0.061	0.020	0.017	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	47.759	26.534	8.841	7.534	0.747	0.336	0.238	0.173	0.117	0.082	0.027	0.015	0.003
Cumulative %	47.759	74.293	83.133	90.667	91.414	91.750	91.988	92.161	92.278	92.360	92.387	92.402	92.406
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.133	0.572	0.048	-0.191	-0.378	-0.093	-0.458	-0.146	-0.285	-0.171	-0.161	-0.150	0.130
Impact_of_high_interest_rate-2	-0.276	-0.365	-0.234	0.155	0.136	-0.031	-0.144	0.294	0.419	0.545	0.102	-0.060	-0.038
Impact_of_high_interest_rate-3	-0.192	-0.586	0.639	0.031	-0.155	0.349	1.125	-0.522	-0.124	-0.351	0.184	0.557	0.179
Impact_of_high_interest_rate-4	0.625	-0.284	-0.563	-0.504	1.403	0.437	0.220	0.754	-0.275	-1.533	-0.249	-0.198	-0.518
Impact_of_high_interest_rate-5	2.464	0.495	0.055	1.075	0.193	-0.892	0.447	-0.407	0.146	1.148	0.327	0.053	-0.470
Impact_of_Unclear_economic_laws-1	-0.373	0.995	0.112	-0.084	0.147	-0.263	-0.341	-0.198	0.024	-0.224	0.112	-0.338	0.541
Impact_of_Unclear_economic_laws-2	-0.358	-0.191	-0.344	0.310	-0.005	0.009	0.007	0.109	0.094	0.326	-0.322	0.164	-0.200
Impact_of_Unclear_economic_laws-3	-0.024	-0.533	0.743	-0.104	-0.250	0.194	0.473	-0.405	-0.213	0.055	0.384	-0.193	0.192
Impact_of_Unclear_economic_laws-4	0.652	-0.445	-0.325	-0.989	0.394	0.337	-0.185	0.610	-0.081	-0.989	0.419	0.359	-0.267
Impact_of_Unclear_economic_laws-5	2.671	0.436	0.068	0.811	-0.562	-0.528	0.000	0.065	0.205	0.661	-0.523	0.028	-0.802
Impact_of_Lack_of_equipments-1	-0.369	1.112	0.246	-0.067	0.140	0.213	0.193	0.148	0.098	0.071	0.431	-0.521	-0.006
Impact_of_Lack_of_equipments-2	-0.456	-0.156	-0.444	0.492	0.013	-0.090	0.140	-0.020	-0.603	-0.098	-0.081	0.295	-0.327
Impact_of_Lack_of_equipments-3	-0.170	-0.573	0.922	0.160	-0.009	-0.360	-0.122	0.139	0.755	-0.183	-0.555	-0.069	0.082
Impact_of_Lack_of_equipments-4	0.413	-0.439	-0.278	-0.871	-0.106	0.257	-0.224	-0.167	0.122	0.113	0.312	0.050	0.459
Impact_of_Lack_of_equipments-5	1.886	0.341	-0.094	0.608	-0.069	-0.207	-0.093	-0.102	0.048	0.262	-0.557	0.210	-0.317
Impact_of_Insufficient_Demand-1	-0.312	0.804	0.258	-0.107	-0.220	0.325	0.352	-0.242	0.130	0.084	0.298	-0.291	-0.157
Impact_of_Insufficient_Demand-2	-0.358	-0.176	-0.402	0.384	0.001	-0.088	-0.050	0.035	-0.373	-0.018	-0.193	0.275	0.138
Impact_of_Insufficient_Demand-3	-0.187	-0.597	0.865	0.097	0.248	-0.273	-0.137	0.224	0.411	-0.072	0.353	-0.072	0.234
Impact_of_Insufficient_Demand-4	0.452	-0.310	-0.342	-0.902	0.266	0.117	-0.238	-0.063	0.201	-0.115	-0.495	-0.180	-0.517
Impact_of_Insufficient_Demand-5	2.218	0.344	-0.174	0.627	-0.559	-0.351	-0.027	0.296	-0.165	0.284	0.342	0.329	0.674
Impact_of_Access_to_credit-1	-0.049	0.828	0.167	-0.356	-0.625	0.322	-0.225	0.070	-0.204	-0.055	-0.177	-0.038	-0.292
Impact_of_Access_to_credit-2	-0.293	-0.218	-0.367	0.150	0.080	-0.166	-0.538	0.205	0.106	0.081	0.423	-0.128	-0.053
Impact_of_Access_to_credit-3	-0.254	-0.555	0.593	0.274	-0.262	-0.075	0.951	-0.249	0.260	-0.423	-0.107	0.392	0.114
Impact_of_Access_to_credit-4	0.482	-0.349	-0.151	-0.584	1.086	0.313	0.318	-0.325	-0.205	0.211	-0.700	-0.463	0.670
Impact_of_Access_to_credit-5	1.730	0.461	-0.087	1.026	0.525	-0.825	0.357	0.023	-0.172	0.652	0.129	0.713	-0.359
Impact_of_Financial_Problem-1	-0.151	0.723	0.242	-0.203	-0.405	0.357	-0.022	0.009	-0.089	-0.016	-0.039	0.070	-0.165
Impact_of_Financial_Problem-2	-0.255	-0.370	-0.403	0.202	0.035	-0.010	-0.004	0.349	0.055	0.133	0.184	0.028	-0.069
Impact_of_Financial_Problem-3	-0.198	-0.534	0.624	0.260	-0.057	-0.883	-0.211	-0.575	0.258	-0.725	0.271	0.004	0.074
Impact_of_Financial_Problem-4	0.681	-0.482	-0.175	-0.762	1.187	0.161	0.182	-0.695	-0.177	0.333	-0.973	-0.081	0.442
Impact_of_Financial_Problem-5	2.591	0.435	-0.034	0.963	0.188	-0.282	0.485	0.531	-0.195	0.561	0.244	-0.666	0.628
Impact_of_competition-1	-0.224	0.697	0.075	-0.095	0.224	-0.075	0.216	0.133	-0.007	-0.020	-0.016	0.367	-0.015
Impact_of_competition-2	-0.236	-0.344	-0.317	0.218	-0.173	0.254	0.118	0.224	-0.074	0.103	-0.224	-0.360	0.171
Impact_of_competition-3	0.035	-0.505	0.783	-0.197	-0.313	-0.241	-0.409	0.147	0.544	-0.259	0.260	0.493	-0.144
Impact_of_competition-4	0.359	-0.063	-0.333	-0.541	0.277	-0.409	-0.428	-1.381	-0.441	0.074	0.324	-0.554	-0.786
Impact_of_competition-5	2.602	0.364	0.152	1.042	0.445	0.371	0.250	0.371	-0.204	0.038	0.190	0.260	1.381
Impact_of_Labour_Problems-1	-0.470	1.312	0.398	-0.225	0.662	0.084	0.675	0.580	0.271	0.275	0.176	-0.232	-0.336
Impact_of_Labour_Problems-2	-0.457	-0.061	-0.598	0.544	0.161	-0.255	0.022	-0.069	-0.174	-0.351	0.171	0.008	-0.019
Impact_of_Labour_Problems-3	-0.218	-0.456	0.869	0.261	-0.222	-0.070	-0.201	0.145	0.014	0.006	-0.692	-0.277	-0.118
Impact_of_Labour_Problems-4	0.309	-0.312	-0.315	-0.891	-0.190	0.072	-0.041	-0.227	0.185	0.374	0.239	0.473	0.086
Impact_of_Labour_Problems-5	1.511	0.382	0.184	0.491	-0.281	0.580	-0.336	-0.216	-0.344	-0.322	0.156	-0.384	0.480
Impact_of_Lack_of_materials-1	-0.379	1.213	0.304	-0.097	0.394	0.173	0.687	0.423	0.256	0.229	0.185	-0.243	-0.363
Impact_of_Lack_of_materials-2	-0.430	-0.003	-0.583	0.554	0.027	-0.158	-0.015	-0.264	-0.331	-0.281	0.140	0.007	-0.044
Impact_of_Lack_of_materials-3	-0.251	-0.624	1.032	0.261	0.001	0.008	-0.392	0.242	0.056	-0.053	-0.624	-0.146	-0.045
Impact_of_Lack_of_materials-4	0.311	-0.467	-0.314	-1.039	-0.029	-0.080	-0.016	-0.159	0.296	0.377	0.230	0.363	0.056
Impact_of_Lack_of_materials-5	1.851	0.417	0.049	0.473	-0.717	0.419	-0.290	0.042	-0.235	-0.334	-0.074	-0.234	0.741
Impact_of_Political_climate-1	-0.327	0.933	0.132	-0.155	0.299	-0.472	-0.141	-0.044	0.083	-0.034	-0.096	0.253	0.321
Impact_of_Political_climate-2	-0.371	-0.290	-0.569	0.376	-0.094	0.347	0.101	-0.293	0.360	0.056	-0.086	-0.033	0.003
Impact_of_Political_climate-3	-0.114	-0.721	1.080	0.072	0.241	0.436	-0.408	0.150	-0.683	0.428	0.344	-0.148	-0.269
Impact_of_Political_climate-4	0.645	-0.520	-0.285	-0.950	-0.629	-0.626	0.582	0.698	-0.492	-0.239	-0.154	-0.244	-0.118
Impact_of_Political_climate-5	2.185	0.383	0.150	0.770	-0.046	0.638	-0.157	-0.300	0.708	-0.705	0.319	-0.018	-0.481
Impact_of_Economic_Climate-1	-0.359	0.920	0.076	-0.127	0.339	-0.444	-0.151	-0.041	0.060	-0.057	-0.166	0.341	0.303
Impact_of_Economic_Climate-2	-0.329	-0.345	-0.434	0.326	-0.282	0.407	0.137	-0.325	0.296	0.031	-0.028	-0.266	-0.010
Impact_of_Economic_Climate-3	-0.006	-0.759	1.063	0.006	0.496	0.333	-0.318	0.179	-0.672	0.383	0.435	-0.047	-0.256
Impact_of_Economic_Climate-4	0.830	-0.426	-0.219	-0.915	-0.794	-0.748	0.585	0.888	-0.641	-0.015	-0.100	-0.225	0.032
Impact_of_Economic_Climate-5	2.341	0.202	-0.075	0.572	0.317	0.524	-0.456	-0.101	1.026	-0.924	0.109	0.470	-0.975
Impact_of_Power_Supply-1	-0.120	0.346	0.035	-0.130	-0.162	0.220	-0.091	-0.057	-0.060	0.086	-0.220	0.329	-0.077
Impact_of_Power_Supply-2	-0.264	-0.507	-0.397	0.180	-0.015	-0.138	0.057	0.409	0.291	-0.153	0.298	-0.403	0.414
Impact_of_Power_Supply-3	0.131	-0.745	1.133	0.401	0.771	-0.255	-0.047	-0.327	-0.969	0.287	0.555	0.202	-0.122
Impact_of_Power_Supply-4	0.606	-0.179	-0.079	-0.766	-0.248	-1.781	0.776	-0.950	0.407	-0.175	-0.026	-1.629	-0.844
Impact_of_Power_Supply-5	2.248	0.217	-0.187	0.830	1.069	0.722	-0.036	0.115	0.427	-0.561	0.028	-0.220	-0.199

SELECTED RESULT OF MCA FOR NEAREST NEIGHBOUR GENERATED DATA (with 25% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	692	0.031	0.001	0.033	0.000	0.006	0.037	0.002	0.062	0.007	0.026	0.009	0.009	0.008	0.006
Impact_of_high_interest_rate-2	622	0.028	0.006	0.012	0.007	0.003	0.004	0.000	0.006	0.024	0.050	0.087	0.003	0.001	0.000
Impact_of_high_interest_rate-3	296	0.013	0.001	0.015	0.026	0.000	0.003	0.015	0.161	0.036	0.002	0.017	0.005	0.047	0.005
Impact_of_high_interest_rate-4	146	0.007	0.007	0.002	0.010	0.008	0.107	0.012	0.003	0.037	0.005	0.161	0.004	0.003	0.021
Impact_of_high_interest_rate-5	93	0.004	0.066	0.003	0.000	0.024	0.001	0.031	0.008	0.007	0.001	0.058	0.005	0.000	0.011
Impact_of_Unclear_economic_laws-1	404	0.018	0.007	0.058	0.001	0.001	0.003	0.012	0.020	0.007	0.000	0.009	0.003	0.023	0.062
Impact_of_Unclear_economic_laws-2	733	0.033	0.011	0.004	0.018	0.016	0.000	0.000	0.000	0.004	0.003	0.037	0.038	0.010	0.015
Impact_of_Unclear_economic_laws-3	374	0.017	0.000	0.016	0.044	0.001	0.009	0.006	0.036	0.027	0.008	0.001	0.027	0.007	0.007
Impact_of_Unclear_economic_laws-4	238	0.011	0.012	0.007	0.005	0.052	0.014	0.011	0.004	0.039	0.001	0.109	0.021	0.016	0.009
Impact_of_Unclear_economic_laws-5	100	0.005	0.083	0.003	0.000	0.015	0.012	0.012	0.000	0.000	0.002	0.021	0.014	0.000	0.034
Impact_of_Lack_of_equipments-1	377	0.017	0.006	0.068	0.005	0.000	0.003	0.007	0.006	0.004	0.002	0.001	0.035	0.052	0.000
Impact_of_Lack_of_equipments-2	564	0.025	0.014	0.002	0.023	0.030	0.000	0.002	0.005	0.000	0.094	0.003	0.002	0.025	0.032
Impact_of_Lack_of_equipments-3	320	0.014	0.001	0.015	0.057	0.002	0.000	0.017	0.002	0.003	0.084	0.005	0.049	0.001	0.001
Impact_of_Lack_of_equipments-4	447	0.020	0.009	0.013	0.007	0.075	0.002	0.012	0.010	0.006	0.003	0.003	0.022	0.001	0.049
Impact_of_Lack_of_equipments-5	141	0.006	0.059	0.002	0.000	0.012	0.000	0.003	0.001	0.001	0.000	0.005	0.022	0.003	0.007
Impact_of_Insufficient_Demand-1	448	0.020	0.005	0.042	0.006	0.001	0.008	0.020	0.024	0.012	0.003	0.001	0.020	0.019	0.006
Impact_of_Insufficient_Demand-2	629	0.028	0.009	0.003	0.021	0.021	0.000	0.002	0.001	0.000	0.040	0.000	0.012	0.024	0.006
Impact_of_Insufficient_Demand-3	315	0.014	0.001	0.016	0.050	0.001	0.007	0.010	0.003	0.007	0.024	0.001	0.020	0.001	0.009
Impact_of_Insufficient_Demand-4	334	0.015	0.008	0.005	0.008	0.060	0.009	0.002	0.008	0.001	0.006	0.002	0.041	0.006	0.047
Impact_of_Insufficient_Demand-5	123	0.006	0.071	0.002	0.001	0.011	0.014	0.006	0.000	0.005	0.002	0.005	0.007	0.007	0.029
Impact_of_Access_to_credit-1	462	0.021	0.000	0.046	0.003	0.013	0.067	0.020	0.010	0.001	0.009	0.001	0.007	0.000	0.021
Impact_of_Access_to_credit-2	666	0.030	0.007	0.005	0.019	0.003	0.002	0.008	0.083	0.012	0.003	0.002	0.059	0.006	0.001
Impact_of_Access_to_credit-3	361	0.016	0.003	0.016	0.027	0.006	0.009	0.001	0.140	0.010	0.011	0.030	0.002	0.028	0.002
Impact_of_Access_to_credit-4	251	0.011	0.007	0.004	0.001	0.019	0.110	0.010	0.011	0.012	0.005	0.005	0.061	0.027	0.059
Impact_of_Access_to_credit-5	109	0.005	0.038	0.003	0.000	0.025	0.011	0.031	0.006	0.000	0.001	0.022	0.001	0.028	0.007
Impact_of_Financial_Problem-1	631	0.028	0.002	0.048	0.008	0.006	0.038	0.033	0.000	0.000	0.002	0.000	0.000	0.002	0.009
Impact_of_Financial_Problem-2	690	0.031	0.005	0.014	0.024	0.006	0.000	0.000	0.000	0.037	0.001	0.006	0.012	0.000	0.002
Impact_of_Financial_Problem-3	259	0.012	0.001	0.011	0.021	0.004	0.000	0.084	0.005	0.038	0.008	0.064	0.009	0.000	0.001
Impact_of_Financial_Problem-4	196	0.009	0.011	0.007	0.001	0.025	0.103	0.002	0.003	0.042	0.003	0.010	0.092	0.001	0.020
Impact_of_Financial_Problem-5	73	0.003	0.057	0.002	0.000	0.015	0.001	0.002	0.007	0.009	0.001	0.011	0.002	0.016	0.015
Impact_of_competition-1	548	0.025	0.003	0.039	0.001	0.001	0.010	0.001	0.011	0.004	0.000	0.000	0.000	0.038	0.000
Impact_of_competition-2	698	0.031	0.005	0.012	0.015	0.007	0.008	0.019	0.004	0.016	0.002	0.003	0.017	0.046	0.011
Impact_of_competition-3	308	0.014	0.000	0.011	0.040	0.003	0.011	0.007	0.022	0.003	0.042	0.010	0.010	0.038	0.003
Impact_of_competition-4	219	0.010	0.003	0.000	0.005	0.014	0.006	0.015	0.017	0.185	0.020	0.001	0.011	0.034	0.071
Impact_of_competition-5	76	0.003	0.060	0.001	0.000	0.018	0.006	0.004	0.002	0.005	0.001	0.000	0.001	0.003	0.076
Impact_of_Labour_Problems-1	227	0.010	0.006	0.057	0.008	0.003	0.037	0.001	0.044	0.034	0.008	0.008	0.003	0.006	0.013
Impact_of_Labour_Problems-2	536	0.024	0.013	0.000	0.040	0.035	0.005	0.014	0.000	0.001	0.007	0.031	0.008	0.000	0.000
Impact_of_Labour_Problems-3	403	0.018	0.002	0.012	0.064	0.006	0.007	0.001	0.007	0.004	0.000	0.000	0.096	0.016	0.003
Impact_of_Labour_Problems-4	493	0.022	0.005	0.007	0.010	0.087	0.007	0.001	0.000	0.011	0.008	0.032	0.014	0.056	0.002
Impact_of_Labour_Problems-5	190	0.009	0.051	0.004	0.001	0.010	0.006	0.026	0.009	0.004	0.010	0.009	0.002	0.014	0.023
Impact_of_Lack_of_materials-1	301	0.014	0.005	0.065	0.006	0.001	0.017	0.004	0.061	0.024	0.009	0.007	0.005	0.009	0.021
Impact_of_Lack_of_materials-2	572	0.026	0.012	0.000	0.041	0.039	0.000	0.006	0.000	0.018	0.029	0.021	0.006	0.000	0.001
Impact_of_Lack_of_materials-3	362	0.016	0.003	0.021	0.081	0.005	0.000	0.000	0.024	0.009	0.001	0.000	0.070	0.004	0.000
Impact_of_Lack_of_materials-4	445	0.020	0.005	0.014	0.009	0.106	0.000	0.001	0.000	0.005	0.018	0.030	0.012	0.030	0.001
Impact_of_Lack_of_materials-5	169	0.008	0.068	0.004	0.000	0.008	0.032	0.012	0.006	0.000	0.004	0.009	0.000	0.005	0.049
Impact_of_Political_climate-1	534	0.024	0.007	0.068	0.002	0.003	0.018	0.049	0.005	0.000	0.002	0.000	0.002	0.017	0.029
Impact_of_Political_climate-2	610	0.027	0.010	0.007	0.042	0.019	0.002	0.030	0.003	0.023	0.036	0.001	0.002	0.000	0.000
Impact_of_Political_climate-3	312	0.014	0.000	0.024	0.077	0.000	0.007	0.025	0.022	0.003	0.067	0.027	0.018	0.003	0.012
Impact_of_Political_climate-4	274	0.012	0.013	0.011	0.005	0.055	0.040	0.045	0.040	0.059	0.030	0.007	0.003	0.008	0.002
Impact_of_Political_climate-5	119	0.005	0.066	0.003	0.001	0.016	0.000	0.020	0.001	0.005	0.027	0.028	0.006	0.000	0.014
Impact_of_Economic_Climate-1	568	0.026	0.009	0.070	0.001	0.002	0.024	0.047	0.006	0.000	0.001	0.001	0.008	0.033	0.027
Impact_of_Economic_Climate-2	668	0.030	0.008	0.012	0.027	0.016	0.020	0.046	0.005	0.031	0.027	0.000	0.000	0.024	0.000
Impact_of_Economic_Climate-3	286	0.013	0.000	0.024	0.068	0.000	0.026	0.013	0.012	0.004	0.059	0.020	0.027	0.000	0.010
Impact_of_Economic_Climate-4	225	0.010	0.018	0.006	0.002	0.042	0.053	0.052	0.033	0.079	0.042	0.000	0.001	0.006	0.000
Impact_of_Economic_Climate-5	102	0.005	0.065	0.001	0.000	0.007	0.004	0.012	0.009	0.000	0.049	0.041	0.001	0.011	0.051
Impact_of_Power_Supply-1	1039	0.047	0.002	0.018	0.000	0.004	0.010	0.021	0.004	0.001	0.002	0.004	0.025	0.057	0.003
Impact_of_Power_Supply-2	479	0.022	0.004	0.018	0.016	0.003	0.000	0.004	0.001	0.035	0.019	0.005	0.021	0.040	0.043
Impact_of_Power_Supply-3	155	0.007	0.000	0.013	0.042	0.006	0.034	0.004	0.000	0.007	0.067	0.006	0.024	0.003	0.001
Impact_of_Power_Supply-4	100	0.005	0.004	0.000	0.000	0.013	0.002	0.131	0.026	0.040	0.008	0.001	0.000	0.135	0.037
Impact_of_Power_Supply-5	76	0.003	0.045	0.001	0.001	0.012	0.032	0.016	0.000	0.000	0.006	0.011	0.000	0.002	0.002

SELECTED RESULT OF MCA FOR NIPALS GENERATED DATA (with 35% Missing Observations)

Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.394	0.305	0.206	0.202	0.121	0.107	0.105	0.101	0.098	0.095	0.090	0.088	0.086
Inertia (%)	9.850	7.637	5.150	5.050	3.018	2.664	2.627	2.520	2.454	2.382	2.253	2.209	2.155
Cumulative %	9.850	17.487	22.638	27.688	30.706	33.369	35.996	38.516	40.970	43.352	45.605	47.814	49.969
Adjusted Inertia	0.115	0.059	0.018	0.017	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	50.157	25.644	7.821	7.319	0.726	0.280	0.246	0.159	0.114	0.074	0.024	0.013	0.004
Cumulative %	50.157	75.801	83.622	90.941	91.667	91.947	92.193	92.351	92.465	92.540	92.563	92.577	92.581
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.148	0.577	-0.147	-0.168	-0.371	-0.004	0.335	0.011	-0.505	-0.162	-0.195	-0.037	0.099
Impact_of_high_interest_rate-2	-0.268	-0.326	0.252	0.043	0.013	-0.007	0.260	-0.218	0.628	0.326	-0.068	-0.129	0.051
Impact_of_high_interest_rate-3	-0.182	-0.628	-0.456	0.319	-0.004	-0.025	-1.049	0.559	-0.245	-0.089	0.688	0.495	0.067
Impact_of_high_interest_rate-4	0.654	-0.285	0.268	-0.719	1.489	0.783	-0.463	-0.605	-0.156	-1.183	-0.404	-0.200	-0.787
Impact_of_high_interest_rate-5	2.460	0.590	0.458	0.977	0.263	-1.069	0.064	0.472	0.464	1.122	0.197	-0.200	-0.048
Impact_of_Unclear_economic_laws-1	-0.391	0.972	-0.154	-0.061	0.131	-0.146	0.447	0.046	-0.238	-0.355	-0.094	-0.305	0.584
Impact_of_Unclear_economic_laws-2	-0.360	-0.145	0.447	0.117	-0.010	-0.038	-0.018	-0.056	0.231	0.288	-0.111	0.278	-0.189
Impact_of_Unclear_economic_laws-3	-0.021	-0.547	-0.691	0.256	-0.212	0.092	-0.405	0.355	-0.257	0.192	0.128	-0.260	0.161
Impact_of_Unclear_economic_laws-4	0.685	-0.486	-0.148	-1.009	0.344	0.514	-0.101	-0.621	-0.108	-0.889	0.536	0.011	-0.427
Impact_of_Unclear_economic_laws-5	2.720	0.509	0.342	0.762	-0.433	-0.716	0.183	0.317	0.495	0.621	-0.572	0.135	-0.541
Impact_of_Lack_of_equipments-1	-0.378	1.110	-0.284	0.035	0.140	0.206	-0.231	0.001	0.132	0.004	0.129	-0.697	0.232
Impact_of_Lack_of_equipments-2	-0.454	-0.108	0.630	0.188	0.089	-0.101	-0.186	-0.105	-0.444	0.198	0.073	0.287	-0.494
Impact_of_Lack_of_equipments-3	-0.180	-0.574	-0.640	0.625	-0.031	-0.353	0.193	0.002	0.516	-0.527	-0.478	0.129	0.182
Impact_of_Lack_of_equipments-4	0.416	-0.475	-0.215	-0.880	-0.162	0.307	0.255	0.091	0.046	0.051	0.285	-0.015	0.365
Impact_of_Lack_of_equipments-5	1.879	0.380	0.375	0.433	-0.137	-0.256	0.090	0.126	0.081	0.266	-0.390	0.393	-0.189
Impact_of_Insufficient_Demand-1	-0.321	0.791	-0.294	0.028	-0.200	0.212	-0.349	0.411	0.033	0.137	0.098	-0.470	-0.011
Impact_of_Insufficient_Demand-2	-0.364	-0.114	0.525	0.117	0.004	-0.023	0.080	-0.222	-0.274	0.104	-0.099	0.368	-0.003
Impact_of_Insufficient_Demand-3	-0.194	-0.614	-0.611	0.479	0.236	-0.189	0.102	-0.146	0.262	-0.292	0.325	-0.206	0.416
Impact_of_Insufficient_Demand-4	0.462	-0.326	-0.143	-0.898	0.190	0.061	0.221	0.233	0.245	-0.097	-0.418	0.079	-0.648
Impact_of_Insufficient_Demand-5	2.255	0.386	0.462	0.449	-0.492	-0.280	-0.060	-0.561	-0.128	0.068	0.403	0.149	0.684
Impact_of_Access_to_credit-1	-0.056	0.825	-0.356	-0.264	-0.629	0.278	-0.037	0.021	-0.171	-0.036	-0.236	0.014	-0.211
Impact_of_Access_to_credit-2	-0.287	-0.182	0.385	-0.050	-0.063	0.042	0.583	-0.300	0.142	0.041	0.216	-0.282	-0.071
Impact_of_Access_to_credit-3	-0.263	-0.551	-0.298	0.524	-0.107	-0.377	-0.801	0.358	0.154	-0.379	0.216	0.337	-0.046
Impact_of_Access_to_credit-4	0.472	-0.382	-0.177	-0.561	1.170	0.291	-0.190	0.266	-0.291	0.242	-0.561	0.097	0.692
Impact_of_Access_to_credit-5	1.773	0.514	0.616	0.865	0.607	-0.753	-0.100	-0.166	-0.009	0.667	0.229	0.227	-0.163
Impact_of_Financial_Problem-1	-0.168	0.706	-0.349	-0.083	-0.422	0.287	-0.147	0.082	-0.032	0.062	-0.069	0.064	-0.172
Impact_of_Financial_Problem-2	-0.251	-0.322	0.462	-0.019	-0.042	0.015	0.028	-0.334	0.139	0.133	0.182	-0.104	-0.062
Impact_of_Financial_Problem-3	-0.157	-0.557	-0.391	0.502	0.127	-0.765	0.353	0.443	-0.126	-0.865	0.364	0.009	-0.071
Impact_of_Financial_Problem-4	0.653	-0.505	-0.195	-0.730	1.295	0.284	-0.001	0.560	-0.266	0.308	-1.116	0.422	0.678
Impact_of_Financial_Problem-5	2.665	0.505	0.456	0.849	0.160	-0.412	-0.334	-0.561	0.085	0.630	0.320	-0.640	0.560
Impact_of_competition-1	-0.241	0.693	-0.127	-0.062	0.249	-0.103	-0.164	-0.070	0.081	-0.023	0.118	0.329	-0.091
Impact_of_competition-2	-0.263	-0.292	0.423	0.045	-0.133	0.196	-0.252	-0.128	0.002	0.060	-0.346	-0.195	0.123
Impact_of_competition-3	0.048	-0.540	-0.737	0.186	-0.388	-0.058	0.416	-0.136	0.393	-0.344	0.296	0.225	-0.072
Impact_of_competition-4	0.475	-0.082	-0.012	-0.609	0.309	-0.452	0.711	1.041	-0.783	0.397	0.245	-0.662	-0.538
Impact_of_competition-5	2.538	0.429	0.332	0.953	0.302	0.485	-0.438	-0.724	-0.082	-0.003	0.330	0.375	1.389
Impact_of_Labour_Problems-1	-0.479	1.308	-0.532	-0.024	0.697	0.075	-0.652	-0.301	0.714	0.221	-0.031	-0.357	-0.260
Impact_of_Labour_Problems-2	-0.451	-0.028	0.811	0.181	0.236	-0.208	0.017	-0.038	-0.290	-0.256	0.253	-0.086	-0.069
Impact_of_Labour_Problems-3	-0.231	-0.441	-0.523	0.655	-0.184	-0.073	0.105	-0.048	-0.022	-0.035	-0.775	0.018	-0.100
Impact_of_Labour_Problems-4	0.299	-0.334	-0.182	-0.909	-0.243	-0.004	0.157	0.267	0.227	0.291	0.362	0.311	0.166
Impact_of_Labour_Problems-5	1.512	0.411	0.051	0.469	-0.406	0.651	0.066	-0.140	-0.588	-0.249	0.121	-0.205	0.274
Impact_of_Lack_of_materials-1	-0.397	1.218	-0.364	0.060	0.443	0.068	-0.608	-0.172	0.630	0.216	0.095	-0.278	-0.291
Impact_of_Lack_of_materials-2	-0.432	0.030	0.787	0.188	0.107	-0.102	-0.007	0.166	-0.498	-0.158	0.113	-0.107	-0.047
Impact_of_Lack_of_materials-3	-0.249	-0.613	-0.712	0.728	-0.089	0.045	0.332	-0.229	0.041	-0.080	-0.663	0.138	-0.064
Impact_of_Lack_of_materials-4	0.320	-0.504	-0.227	-1.039	-0.050	-0.128	0.138	0.193	0.363	0.278	0.384	0.178	0.155
Impact_of_Lack_of_materials-5	1.859	0.449	0.165	0.408	-0.811	0.463	-0.009	-0.263	-0.482	-0.408	-0.100	0.074	0.403
Impact_of_Political_climate-1	-0.349	0.929	-0.228	-0.085	0.293	-0.423	0.303	-0.153	0.008	-0.072	0.145	0.327	0.168
Impact_of_Political_climate-2	-0.384	-0.247	0.686	0.064	-0.096	0.270	-0.102	0.453	0.226	-0.070	-0.123	0.005	0.245
Impact_of_Political_climate-3	-0.117	-0.722	-0.857	0.556	0.104	0.470	0.274	-0.270	-0.350	0.627	0.186	-0.370	-0.390
Impact_of_Political_climate-4	0.699	-0.510	-0.139	-0.962	-0.453	-0.663	-0.723	-0.660	-0.259	-0.109	-0.324	-0.124	-0.167
Impact_of_Political_climate-5	2.176	0.416	0.221	0.756	-0.020	0.718	0.127	0.663	0.400	-0.828	0.235	-0.132	-0.503
Impact_of_Economic_Climate-1	-0.370	0.912	-0.181	-0.078	0.345	-0.381	0.296	-0.135	-0.009	-0.122	0.081	0.400	0.168
Impact_of_Economic_Climate-2	-0.346	-0.321	0.550	0.081	-0.260	0.289	-0.165	0.506	0.170	-0.010	-0.133	-0.174	0.179
Impact_of_Economic_Climate-3	0.004	-0.756	-0.882	0.536	0.288	0.478	0.261	-0.408	-0.407	0.602	0.387	-0.271	-0.381
Impact_of_Economic_Climate-4	0.829	-0.445	-0.203	-0.946	-0.528	-0.755	-0.787	-0.915	-0.298	0.007	-0.343	-0.213	0.041
Impact_of_Economic_Climate-5	2.373	0.277	0.349	0.506	0.198	0.535	0.496	0.650	0.766	-0.982	0.103	0.205	-1.088
Impact_of_Power_Supply-1	-0.133	0.349	-0.114	-0.089	-0.191	0.183	0.035	0.051	-0.045	0.117	-0.027	0.392	-0.125
Impact_of_Power_Supply-2	-0.258	-0.472	0.463	-0.048	-0.069	-0.117	-0.051	-0.289	0.306	-0.287	0.058	-0.488	0.332
Impact_of_Power_Supply-3	0.170	-0.811	-0.761	0.832	0.960	-0.013	-0.047	-0.120	-0.763	0.425	0.326	0.021	0.255
Impact_of_Power_Supply-4	0.645	-0.195	-0.296	-0.714	0.077	-1.939	-0.154	0.892	-0.174	-0.208	-0.612	-1.550	-0.626
Impact_of_Power_Supply-5	2.253	0.292	0.561	0.681	0.886	0.824	0.161	0.254	0.482	-0.361	0.104	-0.189	-0.172

SELECTED RESULT OF MCA FOR NIPALS GENERATED DATA (with 35% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	671	0.030	0.002	0.033	0.003	0.004	0.035	0.000	0.032	0.000	0.079	0.008	0.013	0.000	0.003
Impact_of_high_interest_rate-2	628	0.028	0.005	0.010	0.009	0.000	0.000	0.000	0.018	0.013	0.114	0.031	0.001	0.005	0.001
Impact_of_high_interest_rate-3	311	0.014	0.001	0.018	0.014	0.007	0.000	0.000	0.147	0.043	0.009	0.001	0.074	0.039	0.001
Impact_of_high_interest_rate-4	146	0.007	0.007	0.002	0.002	0.017	0.121	0.038	0.013	0.024	0.002	0.097	0.012	0.003	0.047
Impact_of_high_interest_rate-5	93	0.004	0.064	0.005	0.004	0.020	0.002	0.045	0.000	0.009	0.009	0.055	0.002	0.002	0.000
Impact_of_Unclear_economic_laws-1	393	0.018	0.007	0.055	0.002	0.000	0.003	0.004	0.034	0.000	0.010	0.023	0.002	0.019	0.070
Impact_of_Unclear_economic_laws-2	737	0.033	0.011	0.002	0.032	0.002	0.000	0.000	0.000	0.001	0.018	0.029	0.005	0.029	0.014
Impact_of_Unclear_economic_laws-3	387	0.017	0.000	0.017	0.040	0.006	0.007	0.001	0.027	0.022	0.012	0.007	0.003	0.013	0.005
Impact_of_Unclear_economic_laws-4	234	0.011	0.013	0.008	0.001	0.053	0.010	0.026	0.001	0.040	0.001	0.087	0.034	0.000	0.022
Impact_of_Unclear_economic_laws-5	98	0.004	0.083	0.004	0.003	0.013	0.007	0.021	0.001	0.004	0.011	0.018	0.016	0.001	0.015
Impact_of_Lack_of_equipments-1	366	0.016	0.006	0.066	0.006	0.000	0.003	0.007	0.008	0.000	0.003	0.000	0.003	0.091	0.010
Impact_of_Lack_of_equipments-2	566	0.026	0.013	0.001	0.049	0.004	0.002	0.002	0.008	0.003	0.051	0.010	0.001	0.024	0.072
Impact_of_Lack_of_equipments-3	331	0.015	0.001	0.016	0.030	0.029	0.000	0.017	0.005	0.000	0.041	0.043	0.038	0.003	0.006
Impact_of_Lack_of_equipments-4	442	0.020	0.009	0.015	0.004	0.076	0.004	0.018	0.012	0.002	0.000	0.001	0.018	0.000	0.031
Impact_of_Lack_of_equipments-5	144	0.006	0.058	0.003	0.004	0.006	0.001	0.004	0.001	0.001	0.000	0.005	0.011	0.011	0.003
Impact_of_Insufficient_Demand-1	432	0.019	0.005	0.040	0.008	0.000	0.006	0.008	0.023	0.033	0.000	0.004	0.002	0.049	0.000
Impact_of_Insufficient_Demand-2	620	0.028	0.009	0.001	0.037	0.002	0.000	0.000	0.002	0.014	0.021	0.003	0.003	0.043	0.000
Impact_of_Insufficient_Demand-3	339	0.015	0.001	0.019	0.028	0.017	0.007	0.005	0.002	0.003	0.011	0.014	0.018	0.007	0.031
Impact_of_Insufficient_Demand-4	336	0.015	0.008	0.005	0.002	0.060	0.005	0.001	0.007	0.008	0.009	0.001	0.029	0.001	0.074
Impact_of_Insufficient_Demand-5	122	0.005	0.071	0.003	0.006	0.005	0.011	0.004	0.000	0.017	0.001	0.000	0.010	0.001	0.030
Impact_of_Access_to_credit-1	449	0.020	0.000	0.045	0.012	0.007	0.066	0.015	0.000	0.000	0.006	0.000	0.013	0.000	0.010
Impact_of_Access_to_credit-2	654	0.029	0.006	0.003	0.021	0.000	0.001	0.000	0.095	0.026	0.006	0.001	0.015	0.027	0.002
Impact_of_Access_to_credit-3	382	0.017	0.003	0.017	0.007	0.023	0.002	0.023	0.105	0.022	0.004	0.026	0.009	0.022	0.000
Impact_of_Access_to_credit-4	255	0.011	0.007	0.005	0.002	0.018	0.130	0.009	0.004	0.008	0.010	0.007	0.040	0.001	0.064
Impact_of_Access_to_credit-5	109	0.005	0.039	0.004	0.009	0.018	0.015	0.026	0.000	0.001	0.000	0.023	0.003	0.003	0.002
Impact_of_Financial_Problem-1	614	0.028	0.002	0.045	0.016	0.001	0.041	0.021	0.006	0.002	0.000	0.001	0.001	0.001	0.010
Impact_of_Financial_Problem-2	700	0.032	0.005	0.011	0.033	0.000	0.000	0.000	0.000	0.035	0.006	0.006	0.012	0.004	0.001
Impact_of_Financial_Problem-3	273	0.012	0.001	0.013	0.009	0.015	0.002	0.068	0.015	0.024	0.002	0.097	0.018	0.000	0.001
Impact_of_Financial_Problem-4	187	0.008	0.009	0.007	0.002	0.022	0.117	0.006	0.000	0.026	0.006	0.008	0.117	0.017	0.045
Impact_of_Financial_Problem-5	75	0.003	0.061	0.003	0.003	0.012	0.001	0.005	0.004	0.011	0.000	0.014	0.004	0.016	0.012
Impact_of_competition-1	531	0.024	0.004	0.038	0.002	0.000	0.012	0.002	0.006	0.001	0.002	0.000	0.004	0.029	0.002
Impact_of_competition-2	691	0.031	0.005	0.009	0.027	0.000	0.005	0.011	0.019	0.005	0.000	0.001	0.041	0.013	0.005
Impact_of_competition-3	335	0.015	0.000	0.014	0.040	0.003	0.019	0.000	0.025	0.003	0.024	0.019	0.015	0.009	0.001
Impact_of_competition-4	217	0.010	0.006	0.000	0.000	0.018	0.008	0.019	0.047	0.105	0.061	0.016	0.007	0.049	0.033
Impact_of_competition-5	75	0.003	0.055	0.002	0.002	0.015	0.003	0.007	0.006	0.018	0.000	0.000	0.004	0.005	0.076
Impact_of_Labour_Problems-1	221	0.010	0.006	0.056	0.014	0.000	0.040	0.001	0.040	0.009	0.052	0.005	0.000	0.014	0.008
Impact_of_Labour_Problems-2	517	0.023	0.012	0.000	0.074	0.004	0.011	0.009	0.000	0.000	0.020	0.016	0.017	0.002	0.001
Impact_of_Labour_Problems-3	422	0.019	0.003	0.012	0.025	0.040	0.005	0.001	0.002	0.000	0.000	0.000	0.127	0.000	0.002
Impact_of_Labour_Problems-4	499	0.022	0.005	0.008	0.004	0.092	0.011	0.000	0.005	0.016	0.012	0.020	0.033	0.025	0.007
Impact_of_Labour_Problems-5	190	0.009	0.050	0.005	0.000	0.009	0.012	0.034	0.000	0.002	0.030	0.006	0.001	0.004	0.007
Impact_of_Lack_of_materials-1	296	0.013	0.005	0.065	0.009	0.000	0.022	0.001	0.047	0.004	0.054	0.007	0.001	0.012	0.013
Impact_of_Lack_of_materials-2	567	0.026	0.012	0.000	0.077	0.004	0.002	0.002	0.000	0.007	0.065	0.007	0.004	0.003	0.001
Impact_of_Lack_of_materials-3	372	0.017	0.003	0.021	0.041	0.044	0.001	0.000	0.018	0.009	0.000	0.001	0.082	0.004	0.001
Impact_of_Lack_of_materials-4	446	0.020	0.005	0.017	0.005	0.107	0.000	0.003	0.004	0.007	0.027	0.016	0.033	0.007	0.006
Impact_of_Lack_of_materials-5	168	0.008	0.066	0.005	0.001	0.006	0.041	0.015	0.000	0.005	0.018	0.013	0.001	0.000	0.014
Impact_of_Political_climate-1	518	0.023	0.007	0.066	0.006	0.001	0.017	0.039	0.020	0.005	0.000	0.001	0.005	0.028	0.008
Impact_of_Political_climate-2	604	0.027	0.010	0.005	0.062	0.001	0.002	0.019	0.003	0.056	0.014	0.001	0.005	0.000	0.019
Impact_of_Political_climate-3	331	0.015	0.001	0.025	0.053	0.023	0.001	0.031	0.011	0.011	0.019	0.062	0.006	0.023	0.026
Impact_of_Political_climate-4	278	0.013	0.016	0.011	0.001	0.057	0.021	0.052	0.062	0.054	0.009	0.002	0.015	0.002	0.004
Impact_of_Political_climate-5	118	0.005	0.064	0.003	0.001	0.015	0.000	0.026	0.001	0.023	0.009	0.038	0.003	0.001	0.016
Impact_of_Economic_Climate-1	557	0.025	0.009	0.068	0.004	0.001	0.025	0.034	0.021	0.005	0.000	0.004	0.002	0.045	0.008
Impact_of_Economic_Climate-2	668	0.030	0.009	0.010	0.044	0.001	0.017	0.024	0.008	0.076	0.009	0.000	0.006	0.010	0.011
Impact_of_Economic_Climate-3	290	0.013	0.000	0.024	0.049	0.019	0.009	0.028	0.009	0.022	0.022	0.050	0.022	0.011	0.022
Impact_of_Economic_Climate-4	231	0.010	0.018	0.007	0.002	0.046	0.024	0.056	0.061	0.086	0.009	0.000	0.014	0.005	0.000
Impact_of_Economic_Climate-5	103	0.005	0.066	0.001	0.003	0.006	0.002	0.012	0.011	0.019	0.028	0.047	0.001	0.002	0.064
Impact_of_Power_Supply-1	1026	0.046	0.002	0.018	0.003	0.002	0.014	0.015	0.001	0.001	0.001	0.007	0.000	0.080	0.008
Impact_of_Power_Supply-2	487	0.022	0.004	0.016	0.023	0.000	0.001	0.003	0.001	0.018	0.021	0.019	0.001	0.059	0.028
Impact_of_Power_Supply-3	161	0.007	0.001	0.016	0.020	0.025	0.055	0.000	0.000	0.001	0.043	0.014	0.009	0.000	0.005
Impact_of_Power_Supply-4	99	0.004	0.005	0.001	0.002	0.011	0.000	0.157	0.001	0.035	0.001	0.002	0.019	0.121	0.020
Impact_of_Power_Supply-5	76	0.003	0.044	0.001	0.005	0.008	0.022	0.022	0.001	0.002	0.008	0.005	0.000	0.001	0.001

SELECTED RESULT OF MCA FOR MULTIPLE IMPUTATION GENERATED DATA (with 35% Missing Observations)													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.385	0.297	0.204	0.198	0.119	0.109	0.105	0.100	0.098	0.095	0.091	0.089	0.087
Inertia (%)	9.630	7.434	5.109	4.946	2.977	2.728	2.632	2.495	2.455	2.371	2.274	2.224	2.182
Cumulative %	9.630	17.064	22.173	27.119	30.096	32.823	35.456	37.951	40.406	42.778	45.052	47.276	49.458
Adjusted Inertia	0.108	0.055	0.017	0.016	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	50.113	25.185	8.055	7.211	0.702	0.365	0.265	0.149	0.122	0.073	0.032	0.017	0.009
Cumulative %	50.113	75.298	83.353	90.564	91.267	91.632	91.897	92.046	92.168	92.241	92.273	92.290	92.299
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.145	0.568	-0.131	-0.172	-0.338	0.108	0.406	-0.248	-0.324	-0.270	-0.149	-0.182	0.039
Impact_of_high_interest_rate-2	-0.275	-0.338	0.262	0.023	0.096	-0.009	0.077	-0.036	0.441	0.623	-0.069	-0.192	0.106
Impact_of_high_interest_rate-3	-0.158	-0.555	-0.488	0.352	-0.136	-0.042	-0.667	0.671	-0.278	-0.415	0.258	0.856	-0.017
Impact_of_high_interest_rate-4	0.771	-0.260	0.295	-0.628	1.456	0.405	-0.884	-0.726	0.315	-1.180	0.226	-0.306	-0.451
Impact_of_high_interest_rate-5	2.330	0.587	0.474	0.848	-0.012	-1.245	0.333	0.809	-0.143	1.127	0.271	0.029	-0.232
Impact_of_Unclear_economic_laws-1	-0.388	0.965	-0.102	-0.072	0.166	-0.072	0.549	-0.164	-0.072	-0.297	-0.125	-0.306	0.611
Impact_of_Unclear_economic_laws-2	-0.362	-0.170	0.436	0.100	-0.035	-0.090	-0.085	0.056	0.138	0.283	-0.220	0.127	-0.385
Impact_of_Unclear_economic_laws-3	-0.021	-0.475	-0.707	0.291	-0.179	0.176	-0.258	0.424	-0.395	0.000	0.233	-0.025	0.423
Impact_of_Unclear_economic_laws-4	0.711	-0.487	-0.167	-0.993	0.399	0.389	-0.298	-0.766	0.263	-0.644	0.569	0.226	-0.206
Impact_of_Unclear_economic_laws-5	2.692	0.508	0.358	0.744	-0.637	-0.668	0.197	0.363	0.200	0.596	-0.137	-0.173	-0.744
Impact_of_Lack_of_equipments-1	-0.377	1.118	-0.242	0.021	0.135	0.155	-0.262	0.003	-0.036	0.208	0.444	-0.408	0.330
Impact_of_Lack_of_equipments-2	-0.456	-0.159	0.649	0.172	-0.014	-0.207	-0.188	-0.141	-0.447	-0.160	0.052	0.247	-0.342
Impact_of_Lack_of_equipments-3	-0.191	-0.506	-0.666	0.613	0.010	-0.274	0.167	0.095	0.780	-0.245	-0.353	-0.242	-0.096
Impact_of_Lack_of_equipments-4	0.460	-0.444	-0.228	-0.844	-0.061	0.465	0.287	0.022	0.010	0.167	-0.034	0.211	0.394
Impact_of_Lack_of_equipments-5	1.831	0.373	0.394	0.449	-0.129	-0.393	0.113	0.258	-0.062	0.166	-0.400	-0.003	-0.520
Impact_of_Insufficient_Demand-1	-0.324	0.799	-0.251	0.021	-0.194	0.258	-0.250	0.476	-0.155	0.113	0.269	-0.282	0.041
Impact_of_Insufficient_Demand-2	-0.362	-0.160	0.551	0.095	-0.023	-0.067	0.050	-0.254	-0.209	-0.091	-0.299	0.175	-0.009
Impact_of_Insufficient_Demand-3	-0.185	-0.514	-0.682	0.504	0.230	-0.174	0.061	-0.122	0.374	0.007	0.308	0.215	0.429
Impact_of_Insufficient_Demand-4	0.466	-0.344	-0.158	-0.876	0.276	0.049	0.168	0.130	0.200	-0.061	-0.059	-0.359	-0.734
Impact_of_Insufficient_Demand-5	2.239	0.386	0.476	0.460	-0.623	-0.224	-0.004	-0.427	-0.007	0.216	-0.149	0.514	0.738
Impact_of_Access_to_credit-1	-0.061	0.825	-0.336	-0.258	-0.594	0.360	-0.027	-0.130	-0.143	-0.090	-0.026	-0.167	-0.276
Impact_of_Access_to_credit-2	-0.296	-0.221	0.394	-0.033	0.041	0.089	0.409	-0.403	0.171	0.307	0.256	-0.071	0.094
Impact_of_Access_to_credit-3	-0.237	-0.503	-0.358	0.495	-0.203	-0.315	-0.457	0.577	0.162	-0.533	0.167	0.265	0.007
Impact_of_Access_to_credit-4	0.515	-0.321	-0.144	-0.584	1.094	0.025	-0.272	0.366	-0.362	-0.043	-0.858	-0.213	0.311
Impact_of_Access_to_credit-5	1.729	0.515	0.639	0.861	0.375	-0.961	-0.087	0.042	-0.188	0.545	-0.036	0.673	-0.190
Impact_of_Financial_Problem-1	-0.173	0.716	-0.321	-0.070	-0.390	0.343	-0.178	0.040	-0.097	0.006	-0.019	-0.006	-0.183
Impact_of_Financial_Problem-2	-0.257	-0.375	0.445	-0.004	0.000	-0.029	-0.118	-0.252	0.104	0.272	0.211	0.129	-0.143
Impact_of_Financial_Problem-3	-0.126	-0.444	-0.386	0.433	0.019	-0.466	0.838	0.184	0.300	-0.752	0.371	-0.030	0.393
Impact_of_Financial_Problem-4	0.694	-0.484	-0.185	-0.736	1.197	-0.133	-0.114	0.585	-0.472	-0.148	-1.248	-0.290	0.281
Impact_of_Financial_Problem-5	2.605	0.515	0.518	0.850	0.092	-0.437	-0.395	-0.217	-0.112	0.748	-0.037	-0.291	0.618
Impact_of_competition-1	-0.242	0.704	-0.081	-0.082	0.194	-0.192	-0.219	0.032	0.064	-0.083	-0.094	0.233	0.020
Impact_of_competition-2	-0.257	-0.343	0.369	0.061	-0.150	0.151	-0.272	-0.086	-0.023	0.041	-0.211	-0.317	0.075
Impact_of_competition-3	0.057	-0.448	-0.726	0.176	-0.305	0.094	0.357	-0.157	0.571	0.013	0.229	0.387	-0.097
Impact_of_competition-4	0.445	-0.090	0.013	-0.619	0.360	-0.272	1.050	0.610	-0.961	0.046	0.755	-0.381	-0.574
Impact_of_competition-5	2.549	0.451	0.399	0.998	0.347	0.322	-0.555	-0.475	-0.053	0.020	-0.584	0.621	1.250
Impact_of_Labour_Problems-1	-0.482	1.325	-0.478	-0.052	0.606	-0.154	-0.832	0.052	0.454	0.493	0.253	-0.312	0.010
Impact_of_Labour_Problems-2	-0.449	-0.053	0.793	0.149	0.159	-0.266	0.012	-0.121	-0.168	-0.289	0.350	0.041	0.026
Impact_of_Labour_Problems-3	-0.229	-0.404	-0.515	0.625	-0.220	-0.059	0.109	-0.062	0.090	-0.134	-0.579	-0.368	-0.302
Impact_of_Labour_Problems-4	0.327	-0.343	-0.218	-0.934	-0.152	0.171	0.225	0.252	0.023	0.303	0.025	0.517	0.120
Impact_of_Labour_Problems-5	1.525	0.425	0.130	0.553	-0.245	0.624	0.113	-0.222	-0.340	-0.231	0.034	-0.198	0.324
Impact_of_Lack_of_materials-1	-0.398	1.239	-0.306	0.024	0.373	-0.100	-0.735	0.182	0.386	0.369	0.311	-0.164	-0.059
Impact_of_Lack_of_materials-2	-0.436	-0.010	0.802	0.174	0.037	-0.113	0.087	0.003	-0.396	-0.306	0.221	0.007	0.042
Impact_of_Lack_of_materials-3	-0.232	-0.555	-0.720	0.729	-0.006	0.024	0.206	-0.329	0.192	-0.111	-0.526	-0.290	-0.374
Impact_of_Lack_of_materials-4	0.322	-0.512	-0.283	-1.025	-0.030	-0.033	0.179	0.259	0.155	0.356	0.086	0.375	0.113
Impact_of_Lack_of_materials-5	1.848	0.449	0.209	0.445	-0.692	0.594	0.068	-0.281	-0.192	-0.315	-0.339	-0.075	0.504
Impact_of_Political_climate-1	-0.346	0.931	-0.194	-0.114	0.275	-0.404	0.331	-0.142	0.142	-0.033	-0.121	0.390	0.029
Impact_of_Political_climate-2	-0.378	-0.273	0.658	0.043	-0.068	0.321	-0.018	0.494	0.148	-0.051	-0.156	-0.092	0.153
Impact_of_Political_climate-3	-0.113	-0.664	-0.811	0.611	0.257	0.395	0.042	-0.395	-0.642	0.566	0.198	-0.135	-0.215
Impact_of_Political_climate-4	0.676	-0.539	-0.232	-0.945	-0.741	-0.812	-0.696	-0.526	-0.060	-0.241	0.062	-0.336	-0.054
Impact_of_Political_climate-5	2.168	0.423	0.280	0.748	0.141	0.891	0.134	0.407	0.550	-0.611	0.620	-0.081	-0.183
Impact_of_Economic_Climate-1	-0.368	0.910	-0.134	-0.103	0.310	-0.392	0.314	-0.130	0.154	-0.133	-0.225	0.399	0.043
Impact_of_Economic_Climate-2	-0.341	-0.345	0.523	0.070	-0.228	0.392	-0.036	0.540	0.070	-0.011	-0.063	-0.194	0.135
Impact_of_Economic_Climate-3	-0.015	-0.660	-0.803	0.522	0.505	0.291	-0.036	-0.510	-0.677	0.555	0.378	-0.104	-0.204
Impact_of_Economic_Climate-4	0.844	-0.439	-0.283	-0.875	-0.943	-0.911	-0.785	-0.626	-0.117	-0.101	-0.089	-0.288	0.186
Impact_of_Economic_Climate-5	2.360	0.283	0.401	0.514	0.406	0.774	0.415	0.162	1.025	-0.659	0.694	0.057	-0.920
Impact_of_Power_Supply-1	-0.132	0.344	-0.096	-0.087	-0.155	0.207	0.014	0.022	-0.062	0.004	-0.221	0.300	-0.293
Impact_of_Power_Supply-2	-0.262	-0.478	0.441	-0.064	-0.034	-0.078	-0.093	-0.184	0.423	0.066	0.204	-0.320	0.545
Impact_of_Power_Supply-3	0.158	-0.728	-0.771	0.869	0.616	-0.416	-0.014	-0.230	-0.935	0.059	0.182	0.172	0.419
Impact_of_Power_Supply-4	0.646	-0.192	-0.348	-0.754	-0.208	-1.614	0.450	1.019	-0.129	-0.299	0.753	-1.610	-0.135
Impact_of_Power_Supply-5	2.258	0.295	0.629	0.634	1.204	0.742	-0.155	0.059	0.363	-0.222	0.279	-0.277	-0.290

SELECTED RESULT OF MCA FOR MULTIPLE IMPUTATION GENERATED DATA (with 35% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	665	0.030	0.002	0.033	0.003	0.004	0.029	0.003	0.047	0.019	0.032	0.023	0.007	0.011	0.001
Impact_of_high_interest_rate-2	621	0.028	0.005	0.011	0.009	0.000	0.002	0.000	0.002	0.000	0.055	0.114	0.001	0.012	0.004
Impact_of_high_interest_rate-3	329	0.015	0.001	0.015	0.017	0.009	0.002	0.000	0.063	0.067	0.012	0.027	0.011	0.122	0.000
Impact_of_high_interest_rate-4	145	0.007	0.010	0.001	0.003	0.013	0.116	0.010	0.049	0.035	0.007	0.096	0.004	0.007	0.015
Impact_of_high_interest_rate-5	89	0.004	0.057	0.005	0.004	0.015	0.000	0.057	0.004	0.026	0.001	0.054	0.003	0.000	0.002
Impact_of_Unclear_economic_laws-1	390	0.018	0.007	0.055	0.001	0.000	0.004	0.001	0.050	0.005	0.001	0.016	0.003	0.019	0.075
Impact_of_Unclear_economic_laws-2	737	0.033	0.011	0.003	0.031	0.002	0.000	0.002	0.002	0.001	0.006	0.028	0.018	0.006	0.057
Impact_of_Unclear_economic_laws-3	392	0.018	0.000	0.013	0.043	0.008	0.005	0.005	0.011	0.032	0.028	0.000	0.011	0.000	0.036
Impact_of_Unclear_economic_laws-4	233	0.011	0.014	0.008	0.001	0.052	0.014	0.015	0.009	0.062	0.007	0.046	0.037	0.006	0.005
Impact_of_Unclear_economic_laws-5	97	0.004	0.082	0.004	0.003	0.012	0.015	0.018	0.002	0.006	0.002	0.016	0.001	0.001	0.028
Impact_of_Lack_of_equipments-1	365	0.016	0.006	0.069	0.005	0.000	0.003	0.004	0.011	0.000	0.000	0.007	0.036	0.031	0.021
Impact_of_Lack_of_equipments-2	559	0.025	0.014	0.002	0.052	0.004	0.000	0.010	0.008	0.005	0.051	0.007	0.001	0.017	0.034
Impact_of_Lack_of_equipments-3	342	0.015	0.001	0.013	0.033	0.029	0.000	0.011	0.004	0.001	0.095	0.010	0.021	0.010	0.002
Impact_of_Lack_of_equipments-4	445	0.020	0.011	0.013	0.005	0.072	0.001	0.040	0.016	0.000	0.000	0.006	0.000	0.010	0.036
Impact_of_Lack_of_equipments-5	138	0.006	0.054	0.003	0.005	0.006	0.001	0.009	0.001	0.004	0.000	0.002	0.011	0.000	0.019
Impact_of_Insufficient_Demand-1	432	0.019	0.005	0.042	0.006	0.000	0.006	0.012	0.012	0.044	0.005	0.003	0.015	0.017	0.000
Impact_of_Insufficient_Demand-2	615	0.028	0.009	0.002	0.041	0.001	0.000	0.001	0.001	0.018	0.012	0.002	0.027	0.010	0.000
Impact_of_Insufficient_Demand-3	344	0.016	0.001	0.014	0.035	0.020	0.007	0.004	0.001	0.002	0.022	0.000	0.016	0.008	0.033
Impact_of_Insufficient_Demand-4	338	0.015	0.009	0.006	0.002	0.059	0.010	0.000	0.004	0.003	0.006	0.001	0.001	0.022	0.094
Impact_of_Insufficient_Demand-5	120	0.005	0.070	0.003	0.006	0.006	0.018	0.002	0.000	0.010	0.000	0.003	0.001	0.016	0.034
Impact_of_Access_to_credit-1	445	0.020	0.000	0.046	0.011	0.007	0.059	0.024	0.000	0.003	0.004	0.002	0.000	0.006	0.018
Impact_of_Access_to_credit-2	655	0.030	0.007	0.005	0.022	0.000	0.000	0.002	0.047	0.048	0.009	0.029	0.021	0.002	0.003
Impact_of_Access_to_credit-3	390	0.018	0.003	0.015	0.011	0.022	0.006	0.016	0.035	0.059	0.005	0.053	0.005	0.014	0.000
Impact_of_Access_to_credit-4	253	0.011	0.008	0.004	0.001	0.020	0.115	0.000	0.008	0.015	0.015	0.000	0.092	0.006	0.013
Impact_of_Access_to_credit-5	106	0.005	0.037	0.004	0.010	0.018	0.006	0.040	0.000	0.000	0.002	0.015	0.000	0.024	0.002
Impact_of_Financial_Problem-1	614	0.028	0.002	0.048	0.014	0.001	0.035	0.030	0.008	0.000	0.003	0.000	0.000	0.000	0.011
Impact_of_Financial_Problem-2	686	0.031	0.005	0.015	0.030	0.000	0.000	0.000	0.004	0.020	0.003	0.024	0.015	0.006	0.007
Impact_of_Financial_Problem-3	287	0.013	0.001	0.009	0.009	0.012	0.000	0.026	0.086	0.004	0.012	0.077	0.020	0.000	0.023
Impact_of_Financial_Problem-4	190	0.009	0.011	0.007	0.001	0.023	0.103	0.001	0.001	0.029	0.019	0.002	0.147	0.008	0.008
Impact_of_Financial_Problem-5	72	0.003	0.057	0.003	0.004	0.012	0.000	0.006	0.005	0.002	0.000	0.019	0.000	0.003	0.014
Impact_of_competition-1	531	0.024	0.004	0.040	0.001	0.001	0.008	0.008	0.011	0.000	0.001	0.002	0.002	0.015	0.000
Impact_of_competition-2	691	0.031	0.005	0.012	0.021	0.001	0.006	0.007	0.022	0.002	0.000	0.001	0.015	0.035	0.002
Impact_of_competition-3	337	0.015	0.000	0.010	0.039	0.002	0.012	0.001	0.018	0.004	0.050	0.000	0.009	0.026	0.002
Impact_of_competition-4	215	0.010	0.005	0.000	0.000	0.019	0.011	0.007	0.102	0.036	0.091	0.000	0.061	0.016	0.037
Impact_of_competition-5	75	0.003	0.057	0.002	0.003	0.017	0.003	0.003	0.010	0.008	0.000	0.000	0.013	0.015	0.060
Impact_of_Labour_Problems-1	220	0.010	0.006	0.059	0.011	0.000	0.031	0.002	0.065	0.000	0.021	0.025	0.007	0.011	0.000
Impact_of_Labour_Problems-2	521	0.023	0.012	0.000	0.072	0.003	0.005	0.015	0.000	0.003	0.007	0.021	0.032	0.000	0.000
Impact_of_Labour_Problems-3	443	0.020	0.003	0.011	0.026	0.039	0.008	0.001	0.002	0.001	0.002	0.004	0.074	0.030	0.021
Impact_of_Labour_Problems-4	478	0.022	0.006	0.009	0.005	0.095	0.004	0.006	0.010	0.014	0.000	0.021	0.000	0.065	0.004
Impact_of_Labour_Problems-5	187	0.008	0.051	0.005	0.001	0.013	0.004	0.030	0.001	0.004	0.010	0.005	0.000	0.004	0.010
Impact_of_Lack_of_materials-1	296	0.013	0.005	0.069	0.006	0.000	0.016	0.001	0.068	0.004	0.020	0.019	0.014	0.004	0.001
Impact_of_Lack_of_materials-2	565	0.025	0.013	0.000	0.080	0.004	0.000	0.003	0.002	0.000	0.041	0.025	0.014	0.000	0.001
Impact_of_Lack_of_materials-3	377	0.017	0.002	0.018	0.043	0.046	0.000	0.000	0.007	0.018	0.006	0.002	0.052	0.016	0.027
Impact_of_Lack_of_materials-4	444	0.020	0.005	0.018	0.008	0.106	0.000	0.000	0.006	0.013	0.005	0.027	0.002	0.032	0.003
Impact_of_Lack_of_materials-5	167	0.008	0.067	0.005	0.002	0.008	0.030	0.024	0.000	0.006	0.003	0.008	0.010	0.000	0.022
Impact_of_Political_climate-1	518	0.023	0.007	0.068	0.004	0.002	0.015	0.035	0.024	0.005	0.005	0.000	0.004	0.040	0.000
Impact_of_Political_climate-2	606	0.027	0.010	0.007	0.058	0.000	0.001	0.026	0.000	0.067	0.006	0.001	0.007	0.003	0.007
Impact_of_Political_climate-3	331	0.015	0.000	0.022	0.048	0.028	0.008	0.021	0.000	0.023	0.063	0.050	0.006	0.003	0.008
Impact_of_Political_climate-4	274	0.012	0.015	0.012	0.003	0.056	0.057	0.075	0.057	0.034	0.000	0.008	0.001	0.016	0.000
Impact_of_Political_climate-5	120	0.005	0.066	0.003	0.002	0.015	0.001	0.039	0.001	0.009	0.017	0.021	0.023	0.000	0.002
Impact_of_Economic_Climate-1	552	0.025	0.009	0.069	0.002	0.001	0.020	0.035	0.023	0.004	0.006	0.005	0.014	0.044	0.001
Impact_of_Economic_Climate-2	659	0.030	0.009	0.012	0.040	0.001	0.013	0.042	0.000	0.087	0.002	0.000	0.001	0.013	0.006
Impact_of_Economic_Climate-3	307	0.014	0.000	0.020	0.044	0.019	0.030	0.011	0.000	0.036	0.065	0.045	0.022	0.002	0.007
Impact_of_Economic_Climate-4	230	0.010	0.019	0.007	0.004	0.040	0.077	0.079	0.061	0.041	0.001	0.001	0.001	0.010	0.004
Impact_of_Economic_Climate-5	101	0.005	0.066	0.001	0.004	0.006	0.006	0.025	0.007	0.001	0.049	0.021	0.024	0.000	0.044
Impact_of_Power_Supply-1	1021	0.046	0.002	0.018	0.002	0.002	0.009	0.018	0.000	0.000	0.002	0.000	0.025	0.047	0.045
Impact_of_Power_Supply-2	485	0.022	0.004	0.017	0.021	0.000	0.000	0.001	0.002	0.007	0.040	0.001	0.010	0.025	0.074
Impact_of_Power_Supply-3	168	0.008	0.000	0.014	0.022	0.029	0.024	0.012	0.000	0.004	0.067	0.000	0.003	0.003	0.015
Impact_of_Power_Supply-4	99	0.004	0.005	0.001	0.003	0.013	0.002	0.107	0.009	0.046	0.001	0.004	0.028	0.130	0.001
Impact_of_Power_Supply-5	76	0.003	0.045	0.001	0.007	0.007	0.042	0.017	0.001	0.000	0.005	0.002	0.003	0.003	0.003

SELECTED RESULT OF MCA FOR MEAN REPLACEMENT GENERATED DATA (with 35% Missing Observations)													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.378	0.295	0.201	0.198	0.118	0.107	0.104	0.099	0.099	0.095	0.092	0.089	0.087
Inertia (%)	9.442	7.375	5.026	4.949	2.959	2.686	2.608	2.481	2.470	2.382	2.299	2.227	2.165
Cumulative %	9.442	16.817	21.843	26.792	29.751	32.437	35.045	37.526	39.996	42.378	44.677	46.904	49.069
Adjusted Inertia	0.103	0.053	0.016	0.016	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	49.498	25.600	7.916	7.506	0.701	0.332	0.251	0.145	0.137	0.081	0.042	0.019	0.006
Cumulative %	49.498	75.098	83.014	90.521	91.221	91.553	91.805	91.949	92.086	92.167	92.210	92.229	92.235
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.147	0.572	-0.153	-0.135	-0.362	-0.083	0.415	-0.408	-0.112	-0.104	-0.163	-0.262	0.013
Impact_of_high_interest_rate-2	-0.275	-0.386	0.251	-0.046	0.156	0.023	0.074	0.400	0.493	0.405	-0.041	-0.214	0.081
Impact_of_high_interest_rate-3	-0.102	-0.440	-0.315	0.490	-0.180	0.146	-0.598	0.197	-0.635	-0.208	0.257	0.882	0.204
Impact_of_high_interest_rate-4	0.639	-0.309	-0.028	-0.781	1.382	0.684	-0.775	-0.866	0.234	-1.278	0.120	-0.138	-0.699
Impact_of_high_interest_rate-5	2.338	0.572	0.799	0.557	0.223	-1.202	0.054	0.943	-0.234	0.934	0.256	0.019	-0.364
Impact_of_Unclear_economic_laws-1	-0.393	0.965	-0.075	-0.058	0.175	-0.181	0.507	-0.240	-0.011	-0.227	-0.045	-0.437	0.519
Impact_of_Unclear_economic_laws-2	-0.359	-0.226	0.439	-0.053	-0.004	-0.071	-0.096	0.211	0.101	0.216	-0.294	0.198	-0.276
Impact_of_Unclear_economic_laws-3	-0.012	-0.362	-0.539	0.492	-0.240	0.226	-0.180	0.085	-0.480	0.124	0.420	-0.107	0.269
Impact_of_Unclear_economic_laws-4	0.682	-0.494	-0.549	-0.869	0.371	0.435	-0.246	-0.735	0.527	-0.676	0.382	0.349	-0.206
Impact_of_Unclear_economic_laws-5	2.704	0.503	0.646	0.538	-0.508	-0.728	0.021	0.751	0.133	0.354	-0.333	-0.065	-0.719
Impact_of_Lack_of_equipments-1	-0.379	1.130	-0.156	0.051	0.122	0.249	-0.200	0.036	0.028	0.159	0.486	-0.448	0.082
Impact_of_Lack_of_equipments-2	-0.456	-0.200	0.660	-0.066	-0.011	-0.196	-0.232	-0.396	-0.317	0.051	-0.034	0.311	-0.298
Impact_of_Lack_of_equipments-3	-0.119	-0.413	-0.395	0.827	0.028	-0.252	0.079	0.489	0.447	-0.524	-0.336	-0.160	0.027
Impact_of_Lack_of_equipments-4	0.424	-0.466	-0.559	-0.719	-0.108	0.345	0.394	-0.004	0.054	0.175	0.058	0.102	0.392
Impact_of_Lack_of_equipments-5	1.827	0.361	0.566	0.205	-0.017	-0.295	0.018	0.217	-0.149	0.210	-0.452	0.045	-0.328
Impact_of_Insufficient_Demand-1	-0.323	0.816	-0.172	0.063	-0.236	0.302	-0.120	0.295	-0.348	0.126	0.400	-0.172	-0.093
Impact_of_Insufficient_Demand-2	-0.360	-0.205	0.526	-0.081	-0.035	-0.104	0.018	-0.325	-0.054	0.063	-0.399	0.090	0.043
Impact_of_Insufficient_Demand-3	-0.166	-0.446	-0.430	0.704	0.308	-0.152	0.038	0.078	0.386	-0.129	0.475	0.081	0.347
Impact_of_Insufficient_Demand-4	0.457	-0.339	-0.513	-0.785	0.241	0.081	0.106	0.244	0.005	-0.252	-0.330	-0.118	-0.648
Impact_of_Insufficient_Demand-5	2.246	0.367	0.648	0.201	-0.556	-0.318	-0.063	-0.313	0.351	0.302	0.049	0.242	0.831
Impact_of_Access_to_credit-1	-0.061	0.841	-0.357	-0.159	-0.654	0.240	0.067	-0.156	-0.016	-0.060	-0.107	-0.137	-0.287
Impact_of_Access_to_credit-2	-0.292	-0.249	0.341	-0.176	0.082	-0.011	0.385	-0.166	0.532	0.247	0.232	-0.106	-0.052
Impact_of_Access_to_credit-3	-0.222	-0.433	-0.142	0.601	-0.185	-0.186	-0.446	0.302	-0.411	-0.520	0.130	0.360	0.163
Impact_of_Access_to_credit-4	0.487	-0.356	-0.388	-0.513	1.054	0.285	-0.214	0.152	-0.635	0.138	-0.598	-0.361	0.453
Impact_of_Access_to_credit-5	1.739	0.495	0.940	0.520	0.537	-0.870	-0.297	0.087	0.014	0.528	-0.048	0.619	-0.190
Impact_of_Financial_Problem-1	-0.172	0.734	-0.284	0.019	-0.442	0.315	-0.075	-0.005	-0.071	0.058	-0.019	0.064	-0.191
Impact_of_Financial_Problem-2	-0.254	-0.411	0.396	-0.161	0.016	-0.004	-0.158	-0.063	0.356	0.226	0.123	0.110	-0.148
Impact_of_Financial_Problem-3	-0.112	-0.389	-0.193	0.551	0.123	-0.610	0.648	-0.040	-0.138	-0.829	0.371	-0.008	0.349
Impact_of_Financial_Problem-4	0.660	-0.496	-0.491	-0.600	1.161	0.104	-0.040	0.315	-0.907	0.069	-1.049	-0.439	0.371
Impact_of_Financial_Problem-5	2.618	0.499	0.815	0.531	0.115	-0.315	-0.551	-0.001	0.203	0.756	0.124	-0.407	0.565
Impact_of_competition-1	-0.245	0.706	-0.065	-0.078	0.211	-0.096	-0.252	0.053	-0.005	-0.084	-0.111	0.214	0.108
Impact_of_competition-2	-0.247	-0.384	0.350	-0.085	-0.185	0.179	-0.256	-0.051	-0.019	0.017	-0.196	-0.363	0.045
Impact_of_competition-3	0.068	-0.351	-0.550	0.482	-0.230	0.023	0.372	0.170	0.632	-0.082	0.226	0.431	-0.134
Impact_of_competition-4	0.398	-0.104	-0.248	-0.594	0.344	-0.529	0.995	-0.067	-1.052	0.239	0.640	-0.188	-0.724
Impact_of_competition-5	2.525	0.431	0.714	0.647	0.304	0.470	-0.546	-0.561	0.095	0.170	-0.364	0.166	1.539
Impact_of_Labour_Problems-1	-0.483	1.350	-0.394	0.060	0.629	0.167	-0.847	0.461	0.347	0.201	0.257	-0.323	-0.132
Impact_of_Labour_Problems-2	-0.458	-0.118	0.813	-0.161	0.203	-0.224	-0.026	-0.253	-0.050	-0.163	0.369	0.066	-0.023
Impact_of_Labour_Problems-3	-0.205	-0.327	-0.260	0.772	-0.220	-0.128	0.027	0.026	-0.026	-0.211	-0.640	-0.296	-0.264
Impact_of_Labour_Problems-4	0.322	-0.348	-0.563	-0.770	-0.188	0.056	0.295	0.257	0.029	0.293	0.048	0.460	0.232
Impact_of_Labour_Problems-5	1.513	0.424	0.322	0.409	-0.273	0.588	0.257	-0.571	-0.282	-0.013	0.155	-0.235	0.283
Impact_of_Lack_of_materials-1	-0.398	1.256	-0.207	0.075	0.381	0.159	-0.737	0.475	0.234	0.129	0.276	-0.130	-0.164
Impact_of_Lack_of_materials-2	-0.438	-0.059	0.813	-0.131	0.038	-0.143	0.084	-0.305	-0.348	-0.125	0.255	0.056	-0.035
Impact_of_Lack_of_materials-3	-0.221	-0.477	-0.437	0.931	-0.024	-0.040	0.149	-0.104	0.216	-0.175	-0.607	-0.296	-0.234
Impact_of_Lack_of_materials-4	0.322	-0.516	-0.656	-0.852	-0.006	-0.060	0.189	0.345	0.114	0.287	0.089	0.354	0.172
Impact_of_Lack_of_materials-5	1.865	0.445	0.396	0.302	-0.736	0.446	0.183	-0.477	-0.063	-0.142	-0.130	-0.171	0.520
Impact_of_Political_climate-1	-0.349	0.941	-0.168	-0.061	0.341	-0.436	0.181	-0.061	0.176	-0.034	-0.160	0.330	0.199
Impact_of_Political_climate-2	-0.383	-0.341	0.634	-0.192	-0.104	0.349	0.118	0.486	-0.184	-0.129	-0.022	-0.044	0.142
Impact_of_Political_climate-3	-0.075	-0.541	-0.546	0.801	0.153	0.325	0.054	-0.574	-0.072	0.704	0.092	-0.202	-0.285
Impact_of_Political_climate-4	0.676	-0.534	-0.590	-0.799	-0.671	-0.753	-0.871	-0.337	0.127	-0.246	0.018	-0.301	-0.175
Impact_of_Political_climate-5	2.182	0.439	0.571	0.549	0.051	0.856	0.397	0.362	0.092	-0.833	0.486	0.067	-0.321
Impact_of_Economic_Climate-1	-0.371	0.913	-0.117	-0.071	0.366	-0.416	0.188	-0.070	0.134	-0.132	-0.254	0.352	0.234
Impact_of_Economic_Climate-2	-0.343	-0.398	0.510	-0.112	-0.282	0.393	0.103	0.439	-0.270	-0.097	0.042	-0.202	0.095
Impact_of_Economic_Climate-3	0.022	-0.543	-0.601	0.735	0.388	0.269	0.014	-0.572	-0.004	0.754	0.286	-0.059	-0.399
Impact_of_Economic_Climate-4	0.835	-0.430	-0.574	-0.741	-0.823	-0.844	-1.084	-0.468	0.216	-0.014	-0.041	-0.350	0.177
Impact_of_Economic_Climate-5	2.354	0.268	0.572	0.301	0.321	0.697	0.608	0.444	0.545	-1.086	0.273	0.322	-0.967
Impact_of_Power_Supply-1	-0.131	0.348	-0.106	-0.056	-0.175	0.169	0.065	-0.039	-0.067	0.058	-0.267	0.361	-0.164
Impact_of_Power_Supply-2	-0.253	-0.504	0.324	-0.179	-0.045	-0.049	-0.171	0.068	0.411	-0.147	0.241	-0.496	0.455
Impact_of_Power_Supply-3	0.198	-0.691	-0.403	1.191	0.846	-0.341	-0.004	-0.596	-0.557	0.532	0.273	0.108	0.253
Impact_of_Power_Supply-4	0.635	-0.183	-0.588	-0.557	0.000	-1.687	0.214	0.811	-0.712	-0.354	1.055	-1.249	-0.771
Impact_of_Power_Supply-5	2.236	0.260	0.817	0.341	1.003	0.923	0.000	0.181	0.181	-0.382	0.075	-0.134	-0.310

SELECTED RESULT OF MCA FOR MEAN REPLACEMENT GENERATED DATA (with 35% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	665	0.030	0.002	0.033	0.004	0.003	0.033	0.002	0.050	0.050	0.004	0.003	0.009	0.023	0.000
Impact_of_high_interest_rate-2	593	0.027	0.005	0.014	0.008	0.000	0.005	0.000	0.001	0.043	0.066	0.046	0.000	0.014	0.002
Impact_of_high_interest_rate-3	362	0.016	0.000	0.011	0.008	0.020	0.004	0.003	0.056	0.006	0.067	0.007	0.012	0.142	0.008
Impact_of_high_interest_rate-4	140	0.006	0.007	0.002	0.000	0.019	0.102	0.027	0.036	0.048	0.004	0.108	0.001	0.001	0.036
Impact_of_high_interest_rate-5	89	0.004	0.058	0.004	0.013	0.006	0.002	0.054	0.000	0.036	0.002	0.037	0.003	0.000	0.006
Impact_of_Unclear_economic_laws-1	390	0.018	0.007	0.056	0.000	0.000	0.005	0.005	0.043	0.010	0.000	0.010	0.000	0.038	0.055
Impact_of_Unclear_economic_laws-2	719	0.032	0.011	0.006	0.031	0.000	0.000	0.002	0.003	0.014	0.003	0.016	0.030	0.014	0.029
Impact_of_Unclear_economic_laws-3	417	0.019	0.000	0.008	0.027	0.023	0.009	0.009	0.006	0.001	0.044	0.003	0.036	0.002	0.016
Impact_of_Unclear_economic_laws-4	226	0.010	0.013	0.008	0.015	0.039	0.012	0.018	0.006	0.056	0.029	0.049	0.016	0.014	0.005
Impact_of_Unclear_economic_laws-5	97	0.004	0.085	0.004	0.009	0.006	0.010	0.022	0.000	0.025	0.001	0.006	0.005	0.000	0.026
Impact_of_Lack_of_equipments-1	365	0.016	0.006	0.071	0.002	0.000	0.002	0.009	0.006	0.000	0.000	0.004	0.042	0.037	0.001
Impact_of_Lack_of_equipments-2	552	0.025	0.014	0.003	0.054	0.001	0.000	0.009	0.013	0.039	0.025	0.001	0.000	0.027	0.025
Impact_of_Lack_of_equipments-3	363	0.016	0.001	0.009	0.013	0.056	0.000	0.010	0.001	0.039	0.033	0.047	0.020	0.005	0.000
Impact_of_Lack_of_equipments-4	432	0.019	0.009	0.014	0.030	0.051	0.002	0.022	0.029	0.000	0.001	0.006	0.001	0.002	0.035
Impact_of_Lack_of_equipments-5	137	0.006	0.055	0.003	0.010	0.001	0.000	0.005	0.000	0.003	0.001	0.003	0.014	0.000	0.008
Impact_of_Insufficient_Demand-1	432	0.019	0.005	0.044	0.003	0.000	0.009	0.017	0.003	0.017	0.024	0.003	0.034	0.006	0.002
Impact_of_Insufficient_Demand-2	608	0.027	0.009	0.004	0.038	0.001	0.000	0.003	0.000	0.029	0.001	0.001	0.048	0.002	0.001
Impact_of_Insufficient_Demand-3	362	0.016	0.001	0.011	0.015	0.041	0.013	0.004	0.000	0.001	0.025	0.003	0.040	0.001	0.023
Impact_of_Insufficient_Demand-4	327	0.015	0.008	0.006	0.019	0.046	0.007	0.001	0.002	0.009	0.000	0.010	0.017	0.002	0.071
Impact_of_Insufficient_Demand-5	120	0.005	0.072	0.002	0.011	0.001	0.014	0.005	0.000	0.005	0.007	0.005	0.000	0.004	0.043
Impact_of_Access_to_credit-1	445	0.020	0.000	0.048	0.013	0.003	0.073	0.011	0.001	0.005	0.000	0.001	0.003	0.004	0.019
Impact_of_Access_to_credit-2	630	0.028	0.006	0.006	0.016	0.004	0.002	0.000	0.040	0.008	0.081	0.018	0.017	0.004	0.001
Impact_of_Access_to_credit-3	421	0.019	0.002	0.012	0.002	0.035	0.005	0.006	0.036	0.017	0.032	0.054	0.003	0.028	0.006
Impact_of_Access_to_credit-4	247	0.011	0.007	0.005	0.008	0.015	0.104	0.008	0.005	0.003	0.045	0.002	0.043	0.016	0.026
Impact_of_Access_to_credit-5	106	0.005	0.038	0.004	0.021	0.007	0.012	0.034	0.004	0.000	0.000	0.014	0.000	0.021	0.002
Impact_of_Financial_Problem-1	614	0.028	0.002	0.051	0.011	0.000	0.046	0.025	0.001	0.000	0.001	0.001	0.000	0.001	0.012
Impact_of_Financial_Problem-2	671	0.030	0.005	0.017	0.024	0.004	0.000	0.000	0.007	0.001	0.039	0.016	0.005	0.004	0.008
Impact_of_Financial_Problem-3	307	0.014	0.000	0.007	0.003	0.021	0.002	0.048	0.056	0.000	0.003	0.100	0.021	0.000	0.019
Impact_of_Financial_Problem-4	185	0.008	0.010	0.007	0.010	0.015	0.095	0.001	0.000	0.008	0.069	0.000	0.100	0.018	0.013
Impact_of_Financial_Problem-5	72	0.003	0.059	0.003	0.011	0.005	0.000	0.003	0.009	0.000	0.001	0.019	0.001	0.006	0.012
Impact_of_competition-1	531	0.024	0.004	0.040	0.001	0.001	0.009	0.002	0.015	0.001	0.000	0.002	0.003	0.012	0.003
Impact_of_competition-2	669	0.030	0.005	0.015	0.018	0.001	0.009	0.009	0.019	0.001	0.000	0.000	0.013	0.045	0.001
Impact_of_competition-3	364	0.016	0.000	0.007	0.025	0.019	0.007	0.000	0.022	0.005	0.066	0.001	0.009	0.034	0.003
Impact_of_competition-4	211	0.010	0.004	0.000	0.003	0.017	0.010	0.025	0.090	0.000	0.106	0.006	0.042	0.004	0.058
Impact_of_competition-5	74	0.003	0.056	0.002	0.008	0.007	0.003	0.007	0.010	0.011	0.000	0.001	0.005	0.001	0.091
Impact_of_Labour_Problems-1	220	0.010	0.006	0.061	0.008	0.000	0.033	0.003	0.068	0.021	0.012	0.004	0.007	0.012	0.002
Impact_of_Labour_Problems-2	508	0.023	0.013	0.001	0.075	0.003	0.008	0.011	0.000	0.015	0.001	0.006	0.034	0.001	0.000
Impact_of_Labour_Problems-3	462	0.021	0.002	0.008	0.007	0.063	0.009	0.003	0.000	0.000	0.000	0.010	0.093	0.020	0.017
Impact_of_Labour_Problems-4	473	0.021	0.006	0.009	0.034	0.064	0.006	0.001	0.018	0.014	0.000	0.019	0.001	0.051	0.013
Impact_of_Labour_Problems-5	186	0.008	0.051	0.005	0.004	0.007	0.005	0.027	0.005	0.028	0.007	0.000	0.002	0.005	0.008
Impact_of_Lack_of_materials-1	296	0.013	0.006	0.071	0.003	0.000	0.016	0.003	0.069	0.030	0.007	0.002	0.011	0.003	0.004
Impact_of_Lack_of_materials-2	557	0.025	0.013	0.000	0.082	0.002	0.000	0.005	0.002	0.023	0.031	0.004	0.018	0.001	0.000
Impact_of_Lack_of_materials-3	397	0.018	0.002	0.014	0.017	0.078	0.000	0.000	0.004	0.002	0.008	0.006	0.072	0.018	0.011
Impact_of_Lack_of_materials-4	433	0.020	0.005	0.018	0.042	0.072	0.000	0.001	0.007	0.023	0.003	0.017	0.002	0.027	0.007
Impact_of_Lack_of_materials-5	166	0.007	0.069	0.005	0.006	0.003	0.034	0.014	0.002	0.017	0.000	0.002	0.001	0.002	0.023
Impact_of_Political_climate-1	517	0.023	0.008	0.070	0.003	0.000	0.023	0.041	0.007	0.001	0.007	0.000	0.006	0.028	0.011
Impact_of_Political_climate-2	589	0.027	0.010	0.010	0.053	0.005	0.002	0.030	0.004	0.063	0.009	0.005	0.000	0.001	0.006
Impact_of_Political_climate-3	363	0.016	0.000	0.016	0.024	0.053	0.003	0.016	0.000	0.054	0.001	0.085	0.002	0.008	0.015
Impact_of_Political_climate-4	263	0.012	0.014	0.011	0.021	0.038	0.045	0.063	0.086	0.014	0.002	0.008	0.000	0.012	0.004
Impact_of_Political_climate-5	117	0.005	0.067	0.003	0.009	0.008	0.000	0.036	0.008	0.007	0.000	0.038	0.014	0.000	0.006
Impact_of_Economic_Climate-1	552	0.025	0.009	0.070	0.002	0.001	0.028	0.040	0.008	0.001	0.005	0.005	0.017	0.035	0.016
Impact_of_Economic_Climate-2	648	0.029	0.009	0.016	0.038	0.002	0.020	0.042	0.003	0.057	0.022	0.003	0.001	0.013	0.003
Impact_of_Economic_Climate-3	330	0.015	0.000	0.015	0.027	0.041	0.019	0.010	0.000	0.049	0.000	0.089	0.013	0.001	0.027
Impact_of_Economic_Climate-4	218	0.010	0.018	0.006	0.016	0.027	0.056	0.065	0.111	0.022	0.005	0.000	0.000	0.013	0.004
Impact_of_Economic_Climate-5	101	0.005	0.067	0.001	0.007	0.002	0.004	0.021	0.016	0.009	0.014	0.056	0.004	0.005	0.049
Impact_of_Power_Supply-1	1021	0.046	0.002	0.019	0.003	0.001	0.012	0.012	0.002	0.001	0.002	0.002	0.036	0.067	0.014
Impact_of_Power_Supply-2	505	0.023	0.004	0.020	0.012	0.004	0.000	0.001	0.006	0.001	0.039	0.005	0.014	0.063	0.054
Impact_of_Power_Supply-3	148	0.007	0.001	0.011	0.005	0.048	0.040	0.007	0.000	0.024	0.021	0.020	0.005	0.001	0.005
Impact_of_Power_Supply-4	99	0.004	0.005	0.001	0.008	0.007	0.000	0.118	0.002	0.030	0.023	0.006	0.054	0.078	0.031
Impact_of_Power_Supply-5	76	0.003	0.045	0.001	0.011	0.002	0.029	0.027	0.000	0.001	0.001	0.005	0.000	0.001	0.004

SELECTED RESULT OF MCA FOR NEAREST NEIGHBOUR GENERATED DATA (with 35% Missing Observations)													
Total inertia:	**4**												
Eigenvalues and percentages of inertia:													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Eigenvalue	0.387	0.309	0.213	0.203	0.121	0.108	0.105	0.102	0.099	0.096	0.090	0.089	0.086
Inertia (%)	9.681	7.717	5.319	5.082	3.023	2.695	2.615	2.553	2.464	2.388	2.256	2.215	2.152
Cumulative %	9.681	17.397	22.716	27.799	30.822	33.517	36.132	38.684	41.149	43.536	45.793	48.008	50.160
Adjusted Inertia	0.110	0.060	0.020	0.017	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Inertia (%)	48.076	26.434	8.720	7.492	0.736	0.312	0.235	0.184	0.121	0.077	0.025	0.014	0.004
Cumulative %	48.076	74.509	83.229	90.721	91.457	91.768	92.004	92.187	92.308	92.385	92.410	92.425	92.428
Results for the variables:													
Principal coordinates (Variables):													
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	-0.128	0.568	0.047	-0.196	-0.395	-0.133	-0.448	-0.142	-0.302	-0.175	-0.164	-0.126	0.134
Impact_of_high_interest_rate-2	-0.281	-0.354	-0.230	0.163	0.146	-0.003	-0.158	0.320	0.465	0.509	0.069	-0.084	-0.040
Impact_of_high_interest_rate-3	-0.193	-0.591	0.634	0.026	-0.151	0.332	1.136	-0.574	-0.180	-0.261	0.267	0.636	0.147
Impact_of_high_interest_rate-4	0.626	-0.291	-0.561	-0.510	1.403	0.520	0.222	0.646	-0.349	-1.589	-0.240	-0.205	-0.445
Impact_of_high_interest_rate-5	2.470	0.481	0.081	1.075	0.227	-0.858	0.460	-0.308	0.229	1.190	0.287	-0.181	-0.490
Impact_of_Unclear_economic_laws-1	-0.369	0.991	0.110	-0.086	0.155	-0.295	-0.333	-0.172	0.010	-0.235	0.070	-0.288	0.583
Impact_of_Unclear_economic_laws-2	-0.358	-0.186	-0.339	0.316	-0.005	0.022	0.008	0.121	0.102	0.325	-0.290	0.185	-0.230
Impact_of_Unclear_economic_laws-3	-0.026	-0.540	0.746	-0.127	-0.274	0.189	0.435	-0.402	-0.201	0.087	0.316	-0.153	0.231
Impact_of_Unclear_economic_laws-4	0.658	-0.445	-0.365	-0.976	0.412	0.354	-0.170	0.520	-0.120	-1.033	0.510	0.212	-0.323
Impact_of_Unclear_economic_laws-5	2.724	0.441	0.083	0.821	-0.540	-0.523	0.047	0.109	0.260	0.682	-0.564	-0.112	-0.805
Impact_of_Lack_of_equipments-1	-0.359	1.110	0.251	-0.072	0.139	0.262	0.189	0.125	0.131	0.030	0.348	-0.598	0.087
Impact_of_Lack_of_equipments-2	-0.455	-0.139	-0.436	0.490	0.018	-0.108	0.140	-0.026	-0.605	-0.048	-0.029	0.218	-0.408
Impact_of_Lack_of_equipments-3	-0.180	-0.587	0.914	0.169	-0.003	-0.347	-0.095	0.171	0.705	-0.268	-0.560	0.060	0.182
Impact_of_Lack_of_equipments-4	0.406	-0.440	-0.282	-0.863	-0.121	0.233	-0.242	-0.149	0.134	0.148	0.330	0.109	0.412
Impact_of_Lack_of_equipments-5	1.891	0.329	-0.081	0.589	-0.050	-0.224	-0.081	-0.137	0.063	0.249	-0.597	0.233	-0.314
Impact_of_Insufficient_Demand-1	-0.306	0.795	0.262	-0.109	-0.211	0.319	0.348	-0.282	0.165	0.085	0.261	-0.366	-0.062
Impact_of_Insufficient_Demand-2	-0.358	-0.168	-0.397	0.378	-0.001	-0.096	-0.066	0.027	-0.415	0.005	-0.131	0.270	0.017
Impact_of_Insufficient_Demand-3	-0.197	-0.595	0.835	0.101	0.244	-0.249	-0.097	0.233	0.417	-0.105	0.309	-0.020	0.309
Impact_of_Insufficient_Demand-4	0.461	-0.307	-0.343	-0.893	0.254	0.086	-0.236	-0.015	0.234	-0.117	-0.548	-0.121	-0.484
Impact_of_Insufficient_Demand-5	2.214	0.338	-0.155	0.640	-0.547	-0.266	-0.039	0.331	-0.199	0.256	0.409	0.341	0.660
Impact_of_Access_to_credit-1	-0.041	0.833	0.176	-0.368	-0.626	0.309	-0.231	0.032	-0.186	-0.071	-0.176	-0.112	-0.309
Impact_of_Access_to_credit-2	-0.298	-0.203	-0.362	0.166	0.068	-0.157	-0.523	0.238	0.135	0.072	0.396	-0.148	-0.002
Impact_of_Access_to_credit-3	-0.255	-0.562	0.588	0.255	-0.236	-0.097	0.960	-0.267	0.211	-0.389	-0.074	0.431	0.022
Impact_of_Access_to_credit-4	0.481	-0.371	-0.174	-0.578	1.074	0.329	0.263	-0.346	-0.231	0.221	-0.710	-0.229	0.748
Impact_of_Access_to_credit-5	1.778	0.456	-0.074	1.035	0.552	-0.782	0.406	0.083	-0.217	0.651	0.189	0.486	-0.478
Impact_of_Financial_Problem-1	-0.151	0.724	0.247	-0.202	-0.404	0.351	-0.025	-0.042	-0.070	-0.018	-0.044	0.022	-0.173
Impact_of_Financial_Problem-2	-0.254	-0.367	-0.404	0.199	0.038	0.024	0.015	0.354	0.037	0.134	0.191	0.080	-0.049
Impact_of_Financial_Problem-3	-0.199	-0.537	0.632	0.254	-0.042	-0.946	-0.217	-0.465	0.257	-0.710	0.311	-0.124	-0.022
Impact_of_Financial_Problem-4	0.682	-0.486	-0.204	-0.749	1.162	0.115	0.131	-0.720	-0.173	0.313	-1.049	0.024	0.490
Impact_of_Financial_Problem-5	2.593	0.426	-0.015	0.963	0.179	-0.194	0.502	0.595	-0.198	0.582	0.270	-0.566	0.726
Impact_of_competition-1	-0.222	0.711	0.083	-0.103	0.232	-0.067	0.220	0.131	-0.016	-0.011	0.025	0.342	-0.078
Impact_of_competition-2	-0.238	-0.335	-0.317	0.229	-0.186	0.274	0.097	0.230	-0.065	0.084	-0.278	-0.316	0.194
Impact_of_competition-3	0.023	-0.532	0.771	-0.193	-0.298	-0.239	-0.371	0.094	0.514	-0.243	0.334	0.490	-0.216
Impact_of_competition-4	0.374	-0.083	-0.354	-0.556	0.289	-0.500	-0.404	-1.316	-0.383	0.091	0.245	-0.704	-0.563
Impact_of_competition-5	2.601	0.354	0.178	1.047	0.412	0.403	0.206	0.380	-0.283	0.035	0.288	0.463	1.299
Impact_of_Labour_Problems-1	-0.459	1.320	0.416	-0.250	0.677	0.191	0.665	0.603	0.311	0.225	0.085	-0.294	-0.261
Impact_of_Labour_Problems-2	-0.453	-0.045	-0.592	0.550	0.159	-0.258	0.050	-0.085	-0.176	-0.315	0.174	-0.013	-0.009
Impact_of_Labour_Problems-3	-0.227	-0.467	0.848	0.265	-0.229	-0.070	-0.188	0.175	0.018	-0.021	-0.697	-0.230	-0.081
Impact_of_Labour_Problems-4	0.309	-0.311	-0.313	-0.894	-0.184	0.051	-0.056	-0.241	0.164	0.377	0.297	0.407	-0.017
Impact_of_Labour_Problems-5	1.515	0.374	0.191	0.495	-0.286	0.526	-0.381	-0.220	-0.332	-0.309	0.124	-0.184	0.551
Impact_of_Lack_of_materials-1	-0.369	1.213	0.317	-0.106	0.405	0.246	0.675	0.426	0.268	0.196	0.145	-0.274	-0.329
Impact_of_Lack_of_materials-2	-0.428	0.011	-0.574	0.556	0.023	-0.176	0.001	-0.276	-0.325	-0.247	0.139	-0.053	-0.029
Impact_of_Lack_of_materials-3	-0.256	-0.636	1.033	0.249	-0.002	0.004	-0.397	0.229	0.030	-0.093	-0.622	-0.064	-0.016
Impact_of_Lack_of_materials-4	0.310	-0.475	-0.328	-1.032	-0.017	-0.084	-0.021	-0.130	0.310	0.387	0.260	0.293	-0.009
Impact_of_Lack_of_materials-5	1.860	0.416	0.050	0.467	-0.752	0.377	-0.302	0.039	-0.241	-0.323	-0.083	0.038	0.746
Impact_of_Political_climate-1	-0.318	0.933	0.138	-0.161	0.294	-0.494	-0.131	0.002	0.055	0.012	-0.044	0.375	0.266
Impact_of_Political_climate-2	-0.374	-0.268	-0.573	0.387	-0.088	0.338	0.085	-0.322	0.355	0.012	-0.102	-0.043	0.053
Impact_of_Political_climate-3	-0.129	-0.736	1.081	0.054	0.250	0.434	-0.419	0.124	-0.622	0.436	0.312	-0.270	-0.282
Impact_of_Political_climate-4	0.643	-0.524	-0.303	-0.943	-0.626	-0.557	0.610	0.716	-0.489	-0.230	-0.175	-0.277	-0.125
Impact_of_Political_climate-5	2.189	0.372	0.173	0.767	-0.067	0.604	-0.160	-0.339	0.706	-0.732	0.300	-0.095	-0.424
Impact_of_Economic_Climate-1	-0.348	0.917	0.086	-0.129	0.345	-0.458	-0.143	-0.003	0.024	-0.026	-0.113	0.435	0.239
Impact_of_Economic_Climate-2	-0.336	-0.338	-0.439	0.331	-0.282	0.389	0.126	-0.362	0.313	-0.002	-0.060	-0.257	0.048
Impact_of_Economic_Climate-3	-0.008	-0.764	1.059	-0.006	0.486	0.352	-0.342	0.183	-0.644	0.413	0.423	-0.205	-0.283
Impact_of_Economic_Climate-4	0.818	-0.432	-0.231	-0.913	-0.789	-0.628	0.618	0.940	-0.643	-0.031	-0.127	-0.233	0.128
Impact_of_Economic_Climate-5	2.350	0.182	-0.059	0.566	0.291	0.395	-0.423	-0.192	1.015	-0.919	0.121	0.336	-1.125
Impact_of_Power_Supply-1	-0.119	0.344	0.040	-0.130	-0.165	0.207	-0.108	-0.071	-0.074	0.085	-0.177	0.339	-0.132
Impact_of_Power_Supply-2	-0.266	-0.494	-0.402	0.187	-0.014	-0.109	0.078	0.442	0.284	-0.165	0.233	-0.319	0.467
Impact_of_Power_Supply-3	0.130	-0.759	1.127	0.390	0.777	-0.248	-0.046	-0.364	-0.916	0.310	0.571	-0.094	-0.159
Impact_of_Power_Supply-4	0.606	-0.183	-0.091	-0.783	-0.207	-1.807	0.874	-0.829	0.537	-0.125	-0.179	-1.660	-0.499
Impact_of_Power_Supply-5	2.252	0.200	-0.171	0.829	1.047	0.735	-0.080	0.009	0.366	-0.581	0.022	-0.248	-0.168

SELECTED RESULT OF MCA FOR NEAREST NEIGHBOUR GENERATED DATA (with 35% Missing Observations)

Contributions (Variables):

	Weight	Weight (relative)	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13
Impact_of_high_interest_rate-1	691	0.031	0.001	0.033	0.000	0.006	0.040	0.005	0.060	0.006	0.029	0.010	0.009	0.006	0.007
Impact_of_high_interest_rate-2	626	0.028	0.006	0.011	0.007	0.004	0.005	0.000	0.007	0.028	0.062	0.076	0.001	0.002	0.001
Impact_of_high_interest_rate-3	293	0.013	0.001	0.015	0.025	0.000	0.002	0.013	0.163	0.043	0.004	0.009	0.010	0.060	0.003
Impact_of_high_interest_rate-4	146	0.007	0.007	0.002	0.010	0.008	0.107	0.017	0.003	0.027	0.008	0.174	0.004	0.003	0.015
Impact_of_high_interest_rate-5	93	0.004	0.066	0.003	0.000	0.024	0.002	0.029	0.008	0.004	0.002	0.062	0.004	0.002	0.012
Impact_of_Unclear_economic_laws-1	405	0.018	0.006	0.058	0.001	0.001	0.004	0.015	0.019	0.005	0.000	0.011	0.001	0.017	0.072
Impact_of_Unclear_economic_laws-2	733	0.033	0.011	0.004	0.018	0.016	0.000	0.000	0.000	0.005	0.003	0.036	0.031	0.013	0.020
Impact_of_Unclear_economic_laws-3	378	0.017	0.000	0.016	0.045	0.001	0.011	0.006	0.031	0.027	0.007	0.001	0.019	0.004	0.011
Impact_of_Unclear_economic_laws-4	235	0.011	0.012	0.007	0.007	0.050	0.015	0.012	0.003	0.028	0.002	0.118	0.030	0.005	0.013
Impact_of_Unclear_economic_laws-5	98	0.004	0.085	0.003	0.000	0.015	0.011	0.011	0.000	0.001	0.003	0.022	0.016	0.001	0.033
Impact_of_Lack_of_equipments-1	375	0.017	0.006	0.067	0.005	0.000	0.003	0.011	0.006	0.003	0.003	0.000	0.023	0.068	0.001
Impact_of_Lack_of_equipments-2	566	0.026	0.014	0.002	0.023	0.030	0.000	0.003	0.005	0.000	0.095	0.001	0.000	0.014	0.049
Impact_of_Lack_of_equipments-3	318	0.014	0.001	0.016	0.056	0.002	0.000	0.016	0.001	0.004	0.072	0.011	0.050	0.001	0.006
Impact_of_Lack_of_equipments-4	449	0.020	0.009	0.013	0.008	0.074	0.002	0.010	0.011	0.004	0.004	0.005	0.024	0.003	0.040
Impact_of_Lack_of_equipments-5	141	0.006	0.059	0.002	0.000	0.011	0.000	0.003	0.000	0.001	0.000	0.004	0.025	0.004	0.007
Impact_of_Insufficient_Demand-1	448	0.020	0.005	0.041	0.006	0.001	0.007	0.019	0.023	0.016	0.006	0.002	0.015	0.031	0.001
Impact_of_Insufficient_Demand-2	627	0.028	0.009	0.003	0.021	0.020	0.000	0.002	0.001	0.000	0.049	0.000	0.005	0.023	0.000
Impact_of_Insufficient_Demand-3	318	0.014	0.001	0.016	0.047	0.001	0.007	0.008	0.001	0.008	0.025	0.002	0.015	0.000	0.016
Impact_of_Insufficient_Demand-4	334	0.015	0.008	0.005	0.008	0.059	0.008	0.001	0.008	0.000	0.008	0.002	0.050	0.002	0.041
Impact_of_Insufficient_Demand-5	122	0.005	0.070	0.002	0.001	0.011	0.014	0.004	0.000	0.006	0.002	0.004	0.010	0.007	0.028
Impact_of_Access_to_credit-1	460	0.021	0.000	0.047	0.003	0.014	0.067	0.018	0.011	0.000	0.007	0.001	0.007	0.003	0.023
Impact_of_Access_to_credit-2	670	0.030	0.007	0.004	0.019	0.004	0.001	0.007	0.079	0.017	0.006	0.002	0.052	0.007	0.000
Impact_of_Access_to_credit-3	362	0.016	0.003	0.017	0.026	0.005	0.008	0.001	0.144	0.011	0.007	0.026	0.001	0.034	0.000
Impact_of_Access_to_credit-4	250	0.011	0.007	0.005	0.002	0.019	0.108	0.011	0.007	0.013	0.006	0.006	0.063	0.007	0.073
Impact_of_Access_to_credit-5	107	0.005	0.039	0.003	0.000	0.025	0.012	0.027	0.008	0.000	0.002	0.021	0.002	0.013	0.013
Impact_of_Financial_Problem-1	631	0.028	0.002	0.048	0.008	0.006	0.038	0.032	0.000	0.000	0.001	0.000	0.001	0.000	0.010
Impact_of_Financial_Problem-2	690	0.031	0.005	0.014	0.024	0.006	0.000	0.000	0.000	0.038	0.000	0.006	0.013	0.002	0.001
Impact_of_Financial_Problem-3	260	0.012	0.001	0.011	0.022	0.004	0.000	0.097	0.005	0.025	0.008	0.062	0.013	0.002	0.000
Impact_of_Financial_Problem-4	195	0.009	0.011	0.007	0.002	0.024	0.098	0.001	0.001	0.045	0.003	0.009	0.107	0.000	0.025
Impact_of_Financial_Problem-5	73	0.003	0.057	0.002	0.000	0.015	0.001	0.001	0.008	0.011	0.001	0.012	0.003	0.012	0.020
Impact_of_competition-1	548	0.025	0.003	0.040	0.001	0.001	0.011	0.001	0.011	0.004	0.000	0.000	0.000	0.033	0.002
Impact_of_competition-2	695	0.031	0.005	0.011	0.015	0.008	0.009	0.022	0.003	0.016	0.001	0.002	0.027	0.035	0.014
Impact_of_competition-3	310	0.014	0.000	0.013	0.039	0.003	0.010	0.007	0.018	0.001	0.038	0.009	0.017	0.038	0.008
Impact_of_competition-4	220	0.010	0.004	0.000	0.006	0.015	0.007	0.023	0.015	0.168	0.015	0.001	0.007	0.056	0.036
Impact_of_competition-5	76	0.003	0.060	0.001	0.001	0.018	0.005	0.005	0.001	0.005	0.003	0.000	0.003	0.008	0.067
Impact_of_Labour_Problems-1	224	0.010	0.005	0.057	0.008	0.003	0.038	0.003	0.043	0.036	0.010	0.005	0.001	0.010	0.008
Impact_of_Labour_Problems-2	538	0.024	0.013	0.000	0.040	0.036	0.005	0.015	0.001	0.002	0.008	0.025	0.008	0.000	0.000
Impact_of_Labour_Problems-3	405	0.018	0.002	0.013	0.062	0.006	0.008	0.001	0.006	0.005	0.000	0.000	0.098	0.011	0.001
Impact_of_Labour_Problems-4	493	0.022	0.005	0.007	0.010	0.087	0.006	0.001	0.001	0.013	0.006	0.033	0.022	0.042	0.000
Impact_of_Labour_Problems-5	189	0.009	0.050	0.004	0.001	0.010	0.006	0.022	0.012	0.004	0.010	0.009	0.001	0.003	0.030
Impact_of_Lack_of_materials-1	300	0.014	0.005	0.064	0.006	0.001	0.018	0.008	0.059	0.024	0.010	0.005	0.003	0.011	0.017
Impact_of_Lack_of_materials-2	577	0.026	0.012	0.000	0.040	0.040	0.000	0.007	0.000	0.019	0.028	0.017	0.006	0.001	0.000
Impact_of_Lack_of_materials-3	361	0.016	0.003	0.021	0.082	0.005	0.000	0.000	0.025	0.008	0.000	0.001	0.070	0.001	0.000
Impact_of_Lack_of_materials-4	443	0.020	0.005	0.015	0.010	0.105	0.000	0.001	0.000	0.003	0.019	0.031	0.015	0.019	0.000
Impact_of_Lack_of_materials-5	168	0.008	0.068	0.004	0.000	0.008	0.035	0.010	0.007	0.000	0.004	0.008	0.001	0.000	0.049
Impact_of_Political_climate-1	530	0.024	0.006	0.067	0.002	0.003	0.017	0.054	0.004	0.000	0.001	0.000	0.001	0.038	0.020
Impact_of_Political_climate-2	611	0.028	0.010	0.006	0.043	0.020	0.002	0.029	0.002	0.028	0.035	0.000	0.003	0.001	0.001
Impact_of_Political_climate-3	314	0.014	0.001	0.025	0.078	0.000	0.007	0.025	0.024	0.002	0.056	0.028	0.015	0.012	0.013
Impact_of_Political_climate-4	275	0.012	0.013	0.011	0.005	0.054	0.040	0.036	0.044	0.062	0.030	0.007	0.004	0.011	0.002
Impact_of_Political_climate-5	119	0.005	0.066	0.002	0.001	0.016	0.000	0.018	0.001	0.006	0.027	0.030	0.005	0.001	0.011
Impact_of_Economic_Climate-1	569	0.026	0.008	0.070	0.001	0.002	0.025	0.050	0.005	0.000	0.000	0.000	0.004	0.055	0.017
Impact_of_Economic_Climate-2	668	0.030	0.009	0.011	0.027	0.016	0.020	0.042	0.005	0.039	0.030	0.000	0.001	0.022	0.001
Impact_of_Economic_Climate-3	285	0.013	0.000	0.024	0.068	0.000	0.025	0.015	0.014	0.004	0.054	0.023	0.025	0.006	0.012
Impact_of_Economic_Climate-4	224	0.010	0.017	0.006	0.003	0.041	0.052	0.037	0.037	0.087	0.042	0.000	0.002	0.006	0.002
Impact_of_Economic_Climate-5	103	0.005	0.066	0.000	0.000	0.007	0.003	0.007	0.008	0.002	0.049	0.041	0.001	0.006	0.068
Impact_of_Power_Supply-1	1039	0.047	0.002	0.018	0.000	0.004	0.011	0.019	0.005	0.002	0.003	0.004	0.016	0.061	0.009
Impact_of_Power_Supply-2	480	0.022	0.004	0.017	0.016	0.004	0.000	0.002	0.001	0.041	0.018	0.006	0.013	0.025	0.055
Impact_of_Power_Supply-3	154	0.007	0.000	0.013	0.041	0.005	0.035	0.004	0.000	0.009	0.059	0.007	0.025	0.001	0.002
Impact_of_Power_Supply-4	100	0.005	0.004	0.000	0.000	0.014	0.002	0.137	0.033	0.030	0.013	0.001	0.002	0.140	0.013
Impact_of_Power_Supply-5	76	0.003	0.045	0.000	0.000	0.012	0.031	0.017	0.000	0.000	0.005	0.012	0.000	0.002	0.001