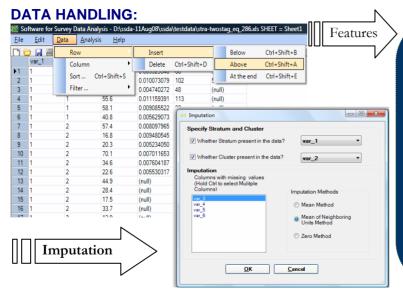
SOFTWARE FOR SURVEY DATA ANALYSIS SSDA Version 1.0





SSDA At a Glance

- SSDA 1.0 is a software package with a user friendly interface for the analysis of survey data. The software is completely menu driven and guides users step-by-step through data analysis process.
- SSDA 1.0 has been developed in C# language in the .NET platform. A class library has been developed which contains the methods for the sampling schemes available in the software for analysis.
- Using SSDA 1.0, you can quickly and efficiently manage your data, get estimate of parameters based on the sampling design and design efficiency of the sampling design in comparison to the simple random sampling without replacement.
- It also has the facility to impute missing data, if any, using commonly used imputation methods.
- This package is an aid in teaching the subject of analysis of sample survey data to the post-graduate students and is also helpful to the researchers in statistics with interest in sample surveys.

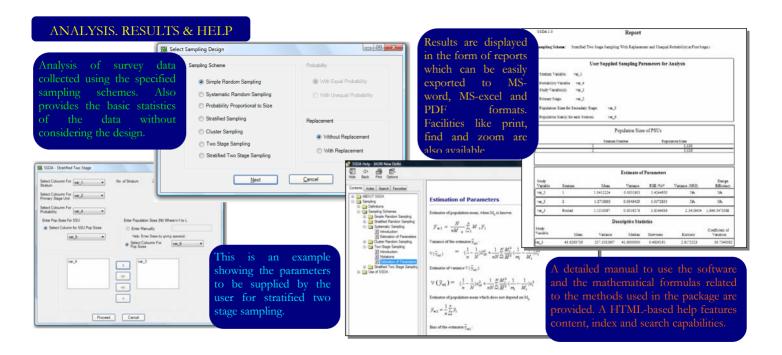


- Spreadsheet like data editor
- Creating a new data file
- Saving a data file
- Open an existing data file
- Importing input data from MS excel, text and MS access file
- Renaming columns
- Jumping to a given row
- Filtering the data column wise
- Filtering the data row wise
- Insert or delete columns or rows
- Imputation of missing data using mean, average of the preceding and succeeding observations, zero substitution
- Printing a data file

ESTIMATES

This software provides the estimates of population mean, variance and design efficiency of the sampling scheme in comparison to the simple random sampling without replacement. This software analyzes the data collected through the following sampling designs:

S.No.	Sampling Scheme	Replacement Scheme	Probability Scheme	Estimation Method		Sampling Scheme	Replacement Scheme	Probability Scheme	Estimation Method	
1.	Random	WR	Equal	TM & RM	4.		WR	Equal	TM	
		WOR	Equal	TM & RM			WOR	Equal	TM	
		WR	Unequal	TM			WR (first stage)	Unequal (first stage)	TM	
2.	Stratified	WR	Equal	TM & RM (S & C)	5.	Stratified Two stage	WOR	Equal	ТМ	
		WOR	Equal	TM & RM (S & C)			WR (first stage)	Unequal (first stage)	TM	
		WR	Unequal	TM	6.	Systematic	-	Equal	TM	
3.	Cluster	WR	Equal	TM						
		WOR	Equal	TM	WOR : Without Replacement, WR : With Replacement					
		WR	Unequal	ТМ	RM: I	TM: Traditional Method by using the data of study variable(s).RM: Ratio Method by using the data of study & auxiliary variable(s).S: Separate Type, C: Combined Type				
					S: Se					



System Requirements

1. Operating System Windows 2000/XP/2003/Windows Vista (Server or Professional)

2. Hardware Intel Pentium IV or above

 Net Framework .Net Framework 1.1/2.0 or Higher (Available with the Installation Disk)

4. Setup Disk The setup.exe available automatically checks whether .NET Framework is installed. If not present, the setup installs it.

5. Other Requirements Microsoft Data Access Component, Crystal Report Viewer (If not installed, the setup installs these too).

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