



RAT-STATS 2017 Stratified Variable Appraisal Help Guide

April 20, 2017

Stratified Variable Appraisal Help

This dialog attempts to simplify the process of obtaining input data.

Clicking the folder icon under either the Sample Size Input Table or the Sample Data Input Table will allow you to choose between CSV, XLSX and DIF files to import.

The start columns and rows can be selected from simple drop down menus

Stratified Variable Appraisal

File Help

Audit/Review Name:

Data Format Options:

☒ Examined ☐ Audited ☐ Difference

☐ Examined / Audited ☐ Audited / Difference ☐ Examined / Difference

Output Options:

☐ Excel / Access File

☐ Text File

Sample Size Input Table:

No Sheets Available

Row Start Universe# Sample#

Sample Data Input Table:

No Sheets Available

Row Start Examine Col.

Audit Col. Difference Col.

No Data Available

Help Execute Exit

Validation Console

- ERROR: You have NOT created/imported any content rows into the data table.
- ERROR: You have NOT created/imported any content rows into the universe/sample size table.
- ERROR: You have NOT created/imported any content columns into the data table.
- ERROR: You have NOT created/imported any content columns into the universe/sample size table.
- WARNING: You have NOT selected an output file for the results. Assuming screen display only.
- WARNING: You have NOT set the name for this audit. Using auto-generated name: 'Admin_audit_1492497613'

Stratified Variable Appraisal Help (cont.)

In this example I am loading the example file provided for the competition. I am using the Example 1 data set.

Once the data is loaded for both the left and right tables, you can select the row / column offsets. "Row Start" defines where the data row should start. This allows you to skip over column labels. The other fields allow you to select which column contains the desired data format.

Choose your data format and update the tables accordingly.

The screenshot shows the 'Stratified Variable Appraisal' application window. It features a menu bar with 'File' and 'Help'. The interface is divided into several sections:

- Audit/Review Name:** A text box containing 'Example 2'.
- Data Format Options:** A group of radio buttons for selecting data formats: 'Examined' (selected), 'Audited', 'Difference', 'Examined / Audited', 'Audited / Difference', and 'Examined / Difference'.
- Output Options:** Checkboxes for 'Excel / Access File' and 'Text File', both of which are checked.
- Sample Size Input Table:** A section with a dropdown menu set to 'Example 1 Sizes' and a folder icon. Below it are three dropdowns for 'Row Start' (set to 1), 'Universe#' (set to A), and 'Sample#' (set to B). A table follows with columns A and B, containing numerical data for rows 1 through 4.
- Sample Data Input Table:** A section with a dropdown menu set to 'Example 1 Data' and a folder icon. Below it are four dropdowns for 'Row Start' (set to 1), 'Examine Col.' (set to A), 'Audit Col.' (set to A), and 'Difference Col.' (set to A). A table follows with column A, containing numerical data for rows 1 through 13.
- Central Display:** A large gray area with the text 'No Data Available'.
- Buttons:** 'Help' (with a question mark icon), 'Execute' (with a green arrow icon), and 'Exit' (with a red X icon).
- File Paths:** At the bottom, two text boxes show the file paths: 'CSV File: C:/dev/bin/TeamCBTek/release/svaTest.csv' and 'Text File: C:/dev/bin/TeamCBTek/release/svaTest.txt'.

Stratified Variable Appraisal Help (cont.)

Now that the correct columns and row offsets have been selected you can continue and press the “Execute” button.

Audit/Review Name: Example 2

Data Format Options:

- ☒ Examined
- ☐ Audited
- ☐ Difference
- ☐ Examined / Audited
- ☐ Audited / Difference
- ☐ Examined / Difference

Output Options:

- ☒ Excel / Access File
- ☒ Text File

Sample Size Input Table:

Example 1 Sizes

Row Start	Universe#	Sample#
1	A	B

	A	B
1	500	10
2	100	100
3	100	2
4	888	887

Sample Data Input Table:

Example 1 Data

Row Start	Examine Col.	Audit Col.	Difference Col.
1	A	A	A

	A
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	2,682.6685226247978
12	801.10995002698803
13	6,545.0773549454543

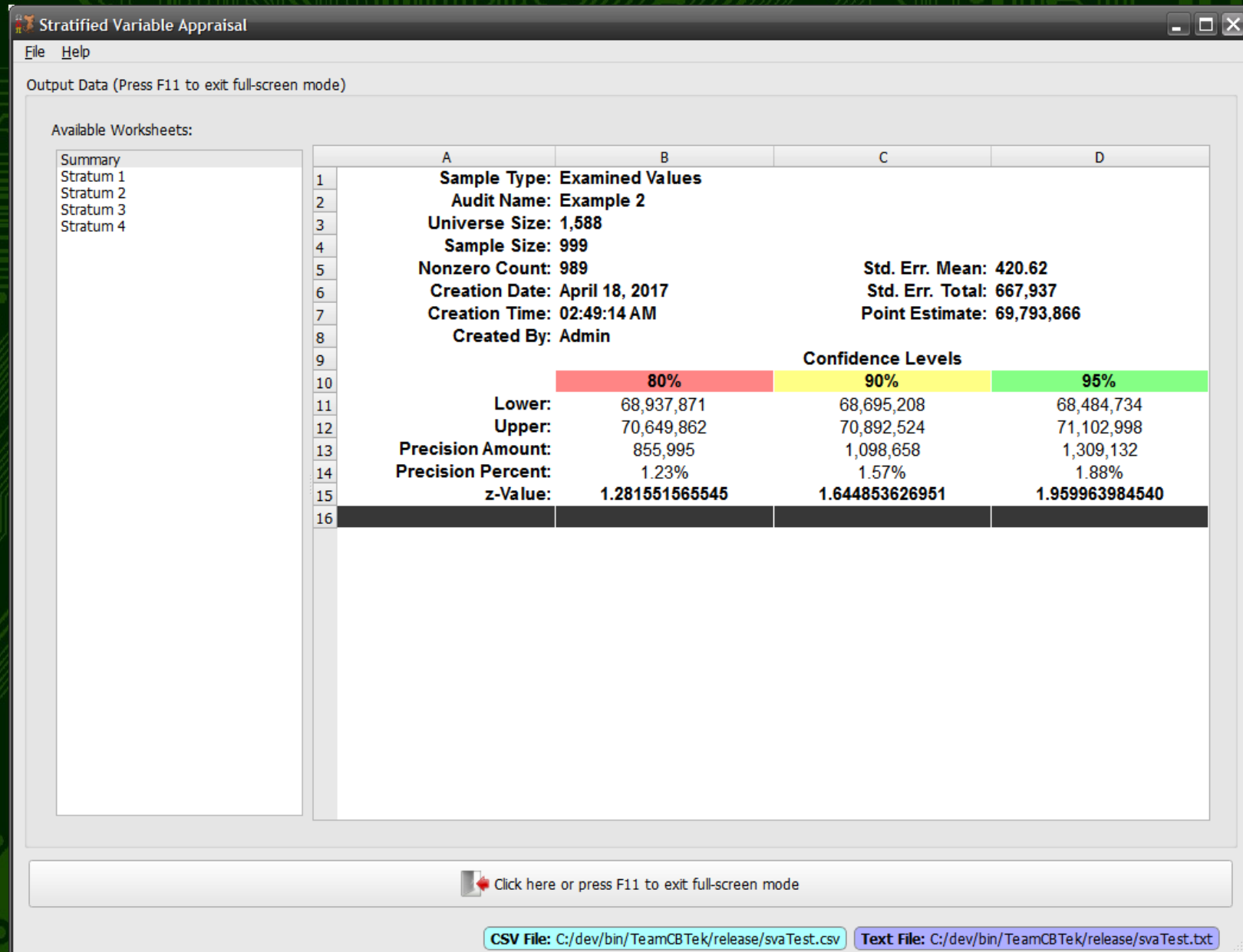
No Data Available

Buttons: Help, Execute, Exit

Status Bars: CSV File: C:/dev/bin/TeamCBTek/release/svaTest.csv, Text File: C:/dev/bin/TeamCBTek/release/svaTest.txt

Stratified Variable Appraisal Help (cont.)

After clicking the “Execute” button a full-screen output window showing the results.



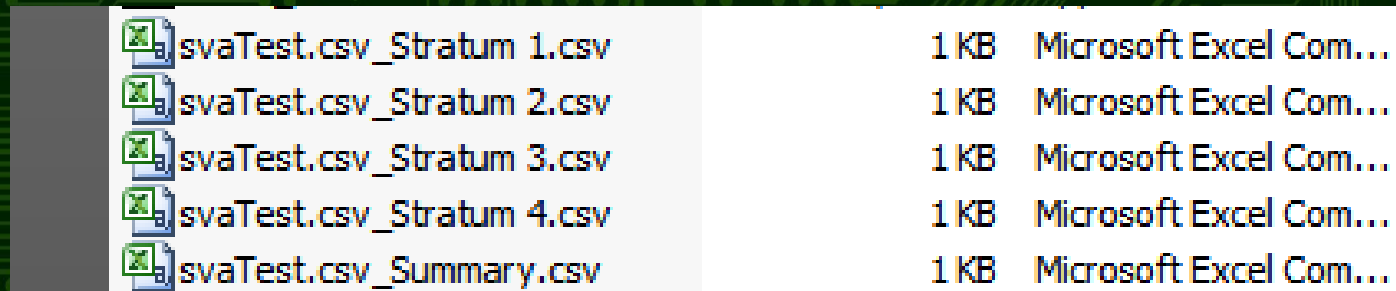
The screenshot displays the 'Stratified Variable Appraisal' application window. The title bar includes 'File' and 'Help' menus. Below the title bar, a message reads 'Output Data (Press F11 to exit full-screen mode)'. On the left, a sidebar titled 'Available Worksheets:' lists 'Summary', 'Stratum 1', 'Stratum 2', 'Stratum 3', and 'Stratum 4'. The main area shows a data table with columns A, B, C, and D. The table contains summary statistics, confidence levels for 80%, 90%, and 95%, and precision data. At the bottom, there is a button to exit full-screen mode and two file paths for CSV and Text outputs.

	A	B	C	D
1	Sample Type: Examined Values			
2	Audit Name: Example 2			
3	Universe Size: 1,588			
4	Sample Size: 999			
5	Nonzero Count: 989		Std. Err. Mean: 420.62	
6	Creation Date: April 18, 2017		Std. Err. Total: 667,937	
7	Creation Time: 02:49:14 AM		Point Estimate: 69,793,866	
8	Created By: Admin			
9	Confidence Levels			
10		80%	90%	95%
11	Lower:	68,937,871	68,695,208	68,484,734
12	Upper:	70,649,862	70,892,524	71,102,998
13	Precision Amount:	855,995	1,098,658	1,309,132
14	Precision Percent:	1.23%	1.57%	1.88%
15	z-Value:	1.281551565545	1.644853626951	1.959963984540
16				

Click here or press F11 to exit full-screen mode

CSV File: C:/dev/bin/TeamCBTek/release/svaTest.csv Text File: C:/dev/bin/TeamCBTek/release/svaTest.txt

Stratified Variable Appraisal Help (cont.)



A screenshot of a file explorer window showing five CSV files. Each file has a green Excel icon to its left. The files are listed in a table with three columns: filename, size, and file type.

svaTest.csv_Stratum 1.csv	1 KB	Microsoft Excel Com...
svaTest.csv_Stratum 2.csv	1 KB	Microsoft Excel Com...
svaTest.csv_Stratum 3.csv	1 KB	Microsoft Excel Com...
svaTest.csv_Stratum 4.csv	1 KB	Microsoft Excel Com...
svaTest.csv_Summary.csv	1 KB	Microsoft Excel Com...

- Output results that contain multiple worksheets for output will be saved to individual CSV or text files.