WINCROSS® What's New Guide

Version 22



Version 22

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What's New in WinCross Version 22

We are excited about the many enhancements in WinCross 22.

New Feature Highlights for WinCross 22

- Charts have been revamped and are much more user friendly and robust. Simply open a job and data file then go to Run | Charts to start the chart creation process.
- Advanced run located under Run | Tables adds the ability to run multiple banners and tables in a specific order similar to interweave banners.
- Banners now support all statistic options available in WinCross.
- Use Percentage Off table option New table option 'PO' allows the user to create a summary table i.e., top three box summary, without having to create hidden percentage off rows.
- Create backup job files Located under Tools | Program Options creates a backup job anytime the job file is saved. Number of backup files can be adjusted or turned off under program options.
- Max banner column width has been increased from 100 to 5000.
- Table name has been increased from 11 characters to 100.
- Memorized reports When running multiple memorized reports which reference the same data file the data file is no longer reloaded. This greatly reduces run time for large studies.
- Compatibility with the latest version of SPSS

Charts – Options and Setup

Charts – Now located under **Run | Charts** where all chart setup and options are conveniently placed in one location Another way to access the **Create Charts** dialog box is to select the pie chart icon on the vertical panel towards the right side of the screen.



This update allows a more powerful and user-friendly experience.

NOTE: Previous chart (.cht) files are not compatible with WinCross version 22.

Quick Overview of Create Charts Dialog box:

- 1. Find a Banner: Select a banner to run with your chart.
 - For this example, we will be using Banner 1.

🔝 Create	Charts	
Tables	Variables	
Find a	Banner:	Find Next
Seq.	Banner Name	
1	Banner 1	

- 2. Find a Table: Select which table you would like displayed in the chart.
 - For this example, we will use Question 8 from the example files provided with your WinCross install.

_

Find a	Table:	Find Nex	t
Seq.	Name	Table Title	^
58	58	Q.6A Of the last 10 visits to Arizona parks, how many were to:	
59	59	Q.7 Would you say you are visiting Arizona parks more, less, or the	
60	60	Q.8 How likely are you to visit an Arizona park in the future?	
61	61	Q.9 What is your current marital status?	
62	62	Q.10 Do you have any children under the age of 18 living with you?	~

For this example, we will use column clustered chart.

- 3. Choose a Chart: Within each chart category, there are several designs to choose from!
- × 📊 Column 🚾 Bar 🛣 Line 🕑 Pie Clustered Stacked Stacked 100 3D Clustered 🔛 XY (Scatter) Percent Area 🖸 Doughnut 🙀 Radar Surface 3D Stacked 3D Stacked 3D 遣 Bubble 100 Percent
 - 4. Label and Data: Specify how you would like the data represented on the chart.
 - For this example, we will select the **Values** option to see values on the chart and change the label location to **Outside End**.

Show labels Values Percents Labels	Data to use for charts
Show base on labels	 Frequencies Vertical percents Horizontal percents
Label orientation: Rotation angle:	 Constant percents Row/Column means
Horizontal \checkmark 0 \bigcirc Label location: Outside End \checkmark	Data presentation Use row data as X axis
Center Inside End	○ Use column data as X axis
Inside Base Outside End	uture?

- 5. Add Chart: Must select a banner and a table to add a chart.
- Delete Chart: Delete several charts at the same time by holding down the Shift key when charts are listed contiguously. If listed charts are noncontiguous, you are still able to select multiple charts by holding down the Ctrl key.
- 7. Duplicate Chart: Allows you to duplicate charts and make any changes separately.
- 8. Banner Options: Allows you to choose which banner points will be displayed for selected charts.

- For this example, make sure only "Male" and "Female" are selected.
- 9. Table Options: Allows you to choose which answer items will be displayed for selected charts.
 - For this example, we will use all four answer options for this chart.
- 10. **Chart Options:** Allows you to customize the chart (e.g., Tables, Chart Area, Threshold, Axes, Legend, Series Colors, Branding, Significance Examples specified below).
- 11. **Preview Selected**: Allows you to preview selected charts in PowerPoint, Word and/or Excel formats. If you do not want a particular chart displayed, uncheck the box associated with that chart.
- 12. Apply Changes: Any changes made that affect the output of the chart must be applied before running.

Add Chart	🗆 Seq. #	Chart Type	Banner	Table	Variable	Chart Title
Delete Chart	1	COLUMN CLUSTERED	1	1		Gender
Duplicate Chart						
Banner Options						
Table Options						
Chart Options						
Preview Selected						
Apply Changes						
	Cases: 400	D <u>U</u> se glossary	🔲 Ri	un <u>F</u> ilter		Run Save

Chart Options

Chart Options | Tables allows you to change font style, size and color of the table title, chart title and value label, as well as make changes to display options.

- For this example, we changed the chart title to Navy Blue Regular Arial 12-pt Font and changed value label to Black Narrow Italic Arial 8-pt Font.

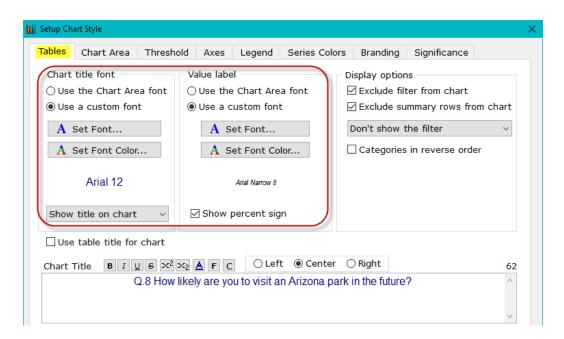


Chart Options | Chart Area allows you to make changes to chart border and customize the chart background.

- For this example, we selected "show border", changed the area background color and background color to a crème color, and changed the font to Black Arial Regular 10-pt font.

📔 Setup Chart Style									
Tables Chart Area	Threshold	Axes	Legend	Series Colo	rs Bra	anding	Significa	ance	
Border Show border Default border Custom border Set Border Border style: Border weight:	r Color V	O D O C S Font	Set Font	ackground Co	olor	O De	pround Col efault ustom Set Backg		Color
Shadow Round corners	5		Arial 1	0					

Chart Options | Threshold allows you to apply a limit to either the rows or the columns and edit how they are displayed in the chart.

- For this example, we want to see all rows and columns so we will not be using any limits for this chart.

es Chart Area Threshold	Axes Legend	Series Colors	Branding	Significance
imit the number of rows on t	the chart	Limit the num	ber of colur	nns on the chart
All rows that do not meet th will fall into this "other" row				meet the thresho ther" column.
○ Percent		⊖ Horizont	al percent	
◯ Frequency Limi	t: 20	⊖ Frequen	су	Limit: 20
○ Show top rows		⊖ Show to	p rows	
🗹 Show on data on chart		Show on c	lata on cha	ırt
<u>Caption:</u>		Caption:		
		Other		

Chart Options | Axes allows you to change how you would like to display axis lines, axis titles and axis labels.

For this example, we took off "show major gridlines" option for both X axis and Y axis. The X axis will have a title of "Likeliness" and the Y axis will have the title of "Percent". Axis Lines and Font settings were created in Chart Area. Here is an additional area to modify Axis Lines and Font settings.

🔝 Setup Chart Options		×
Tables Chart Area Threshold Axes Legend	Series Colors Branding Significance	
X Axis Y Axis Z Axis		
Show X Axis Label rotation angle: 0 ♣ Show major gridlines Show minor gridlines X Axis title B <i>I</i> U € ∞ ² ∞2 ▲ F C	Label interval: 1	10
	less	^
		~
Axis lines	Font	
☑ Show axis lines	Use the Chart Area font	
Default lines	O Use a custom font	
○ Custom lines	A Set Font	
😞 Set Axis Line Color	A Set Font Color	
Axis line style: Axis line weight:	Arial 10	
🖬 Setup Chart Options		×
Setup Chart Options Tables Chart Area Threshold Axes Legend	Series Colors Branding Significance	×
		×
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Show Y Axis Label rotation angle: 0	Units Bounds	
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis ☑ Show Y Axis Label rotation angle: 0 ↓ Show major gridlines	Units Major: 0.1 🗹 Auto Maximum: 1	Jto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Show Y Axis Label rotation angle: 0 Show major gridlines Show minor gridlines	Units Bounds	uto uto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Show Y Axis Label rotation angle: 0 Show major gridlines Show minor gridlines Y Axis title B I U S ×2 ×2 ▲ F C	Units Major: 0.1 Ø Auto Minor: 0.05 Ø Auto Minimum: 0 Ø Au	Jto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Show Y Axis Label rotation angle: 0 Show major gridlines Show minor gridlines	Units Major: 0.1 Ø Auto Minor: 0.05 Ø Auto Minimum: 0 Ø Au	uto uto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Show Y Axis Label rotation angle: 0 Show major gridlines Show minor gridlines Y Axis title B I U S ×2 ×2 ▲ F C	Units Major: 0.1 Ø Auto Minor: 0.05 Ø Auto Minimum: 0 Ø Au	uto uto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Show Y Axis Label rotation angle: 0 Show major gridlines Show minor gridlines Y Axis title B I U S ×2 ×2 ▲ F C	Units Major: 0.1 Ø Auto Minor: 0.05 Ø Auto Minimum: 0 Ø Au	uto uto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Show Y Axis Label rotation angle: 0 Show major gridlines Show minor gridlines Y Axis title B I Image: Comparison of the state of the st	Units Major: 0.1 🛛 Auto Minor: 0.05 🖉 Auto Minimum: 0 🖓 Auto	uto uto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Show Y Axis Label rotation angle: 0 + Show major gridlines Show minor gridlines Y Axis title B I U S ×2 ×2 ▲ F C	Units Major: 0.1 Auto Minor: 0.05 Auto Minimum: 0 Auto	uto uto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Image: Comparison of the system of t	Units Major: 0.1 Auto Minor: 0.05 Auto Minimum: 0 Auto	uto uto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Image: Comparison of the system of t	Units Major: 0.1 Auto Minor: 0.05 Auto Minimum: 0 Auto	uto uto
Tables Chart Area Threshold Axes Legend X Axis Y Axis Z Axis Image: Comparison of the system of t	Units Major: 0.1 Auto Minor: 0.05 Auto Minimum: 0 Auto A	uto uto

Chart Options | Legend allows you to alter how the chart legend is displayed.

• For this example, we want to show the legend to the right side of the chart. Border and Font settings were created in **Chart Area.** Here is an additional area to modify Border and Font settings.

ables Chart Area					
	Threshold Axes	Legend	Series Colors	Branding	Significance
Show legend					
Location	Border			Font	
○ Top center	Show border			Use	the Chart Area font
○ Top right	Default border			OUse	a custom font
O Bottom center	O Custom border			Α	Set Font
○ Left side	5-00		_		
Right side	😪 Set Bord	ler Color	•		Set Font Color
	Border style:	Boi	rder weight:		
					Arial 10
	Show base on lat	pels			ess Significance Letter

Chart Options | Series Colors allows you to customize the color scheme of the selected chart.

- The Template drop down menu allows you to select from saved color pallets to use for your charts. WinCross has three default color pallets, but you can also Add color pallets to templates.
- Add allows you to create your own Series Color Template.
 - Once you have selected the colors to use in your color pallet, select add and create a name for the template. This is especially useful when you have unique colors in your color pallet or when you use the color pallet consistently.
- Manage allows you to change the order of default and customized templates, as well as edit the color pallet within each template.
- Add Color allows you to pick any color of your choice. Colors will be added to the right side of the color pallet.
- Add Multiple Colors allows you create a color gradient.
- Reverse will reverse the order of colors from the whole color pallet (you are able to change the order of specific colors by using the left mouse button and alt key and drag).
- Remove All Colors will delete all colors from the color pallet.
- Series Colors also has an Undo and Redo option, just in case you make a mistake or want to redo a previous change.
- When Repeat Colors is selected, the color pallet will continue to loop if not enough colors are selected for the chart.
 - For this example, we will use Add Color to add a dark blue and then a lighter blue. These colors will tie to "Male" and "Female" on the chart.

Setup Cha	rt Options							
Tables	Chart Area	Threshold	Axes I	egend	Series Colors	Branding	Significance	
To move	colors, use t	he left mouse	button an	d the al	t key to drag a (color to the	desired spot.	
Template			~	· 🥝 /	Add Manage		2 colors /	100 colors
S Add	i Color	😪 Add Multij	ple Colors	. 🔞	Re <u>v</u> erse 🔀	Remove All	Colors Unde	o <u>R</u> edo
D Rong	eat colors							

Chart Options | Branding allows you to attach company logos or other logos of your choice to each chart. This features also allows you to customize the size and page position for each logo.

• For this example, we are using a TAG logo jpeg. We are situating the logo above the chart with center justification. You are able to change the scale of the logo to your liking, but we will use a 50% scale for this example.

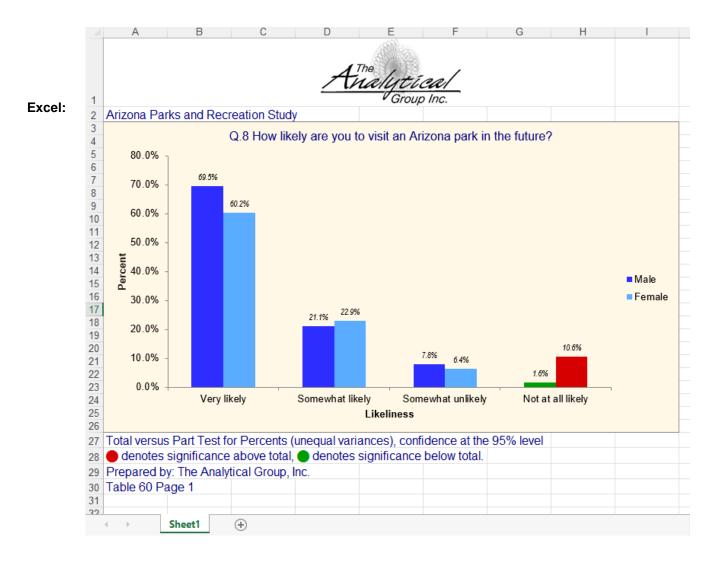
Tables	Chart Area	Threshold	Axes	Legend	Series Colors	Branding	Significan	ce
				5			5	
Logo								_
		wincross Doc	umenta		ple Files\Example		\bigcirc	Remove
Loca	ation			Justifica		Sca	le:	
Abo	ve the chart		\sim	⊖ Left	Center O Rig	ght 50%	6	
Logo	2							
							🔀	Remove
Loca	ation			Justifica	tion	Sca	le:	
Belo	ow the chart		\sim	🔾 Left	🖲 Center 🔾 Rig	ght 100	%	
Heade	r B I II 4	5 ײ ×2 🔺	FC	Left	⊖ Center ⊖ R	ight		0
								^
								~
				0.0	0.0.1.0.0			
Footer	r B <i>I</i> <u>U</u> S	; ײ ×2 🔺 I	FC	Left	⊖ Center ⊖ Rig	jnt		0
								^
								~

Chart Options | Significance allows you to customize significance testing for each chart.

• For this example, we will use part vs whole at a 95% confidence level. You are able to change the bar color to your liking, but for this example we will be using red and green.

ables	Chart Area	Threshold	Axes	Legend	Series Colors	Branding	Significance
() Don	't perform signi	ificance tests	3				
Part	t vs whole						
C	ptions Confidence le						
	0 99% 0 98	3% • 95%	○ 90%	0 80% ()	70% ()60%		
	🗹 Bar color ab	ove total		🗹 Bar o	olor below total		
	Text color al	bove total		🗌 Text	color below tota	al 👘	
	Text backgro above total	ound color		□ Text belov	background colo v total	or	
	Above total	indicator:	Ŷ	🗌 Belov	v total indicator:	•	
O Perf	form significanc	e as indicate	d by the	e banner			
	ptions		,				
U	Ipper level colo	r Low	er level	color	Background	l color	
	form significanc	e on two col	umns as	indicated	by the banner		
O Perf							
	ptions						
0	ptions Bar color abo	ove total		🗹 Bar o	color below total		
0	•				color below total color below tota	1	
0	Bar color abo	bove total		Text			

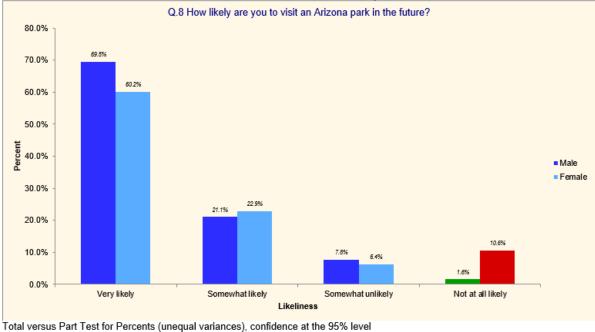
You have the option of running charts to Excel, Word or PowerPoint. With the options selected for this example, here are the outputs for all three options:



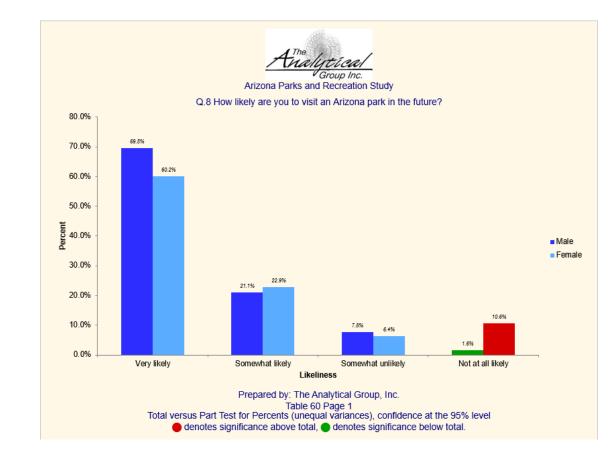


Arizona Parks and Recreation Study





 denotes significance above total, denotes significance below total.
 Prepared by: The Analytical Group, Inc. Table 60 Page 1



PowerPoint:

Advanced run – run multiple banners

Located under **Run | Tables** and select the **Advanced** tab, this option allows you to run multiple banners and tables in a specific order. Once you pick a banner and the tables you want run for that banner, select **Add Selection**.

This option is similar to interweave banners, however the order in which the tables are selected is how they will be presented once you run a report.

🗿 Run Tables		— D X
Saved banner/tabl Most recent Run T Simple <mark>Advanc</mark>	bles selection v 📴 Browse 🔒 Save As	Report viewing formats Plain text Enhanced text Options Excel Options
Select <u>b</u> anners: Seq. # Banner 1 Banner 2 Banner	1 No Find Next	Run options Run Eiter Use glossary transformations Interweave banners Show table of contents Show base
Select tables: Seq. # Name 1 1 2 2 3 3 4 4 5 5	64 tables, 1 selected Find a table: Table Title Gender Q.1 On average, how many hours per week do you spend participating in outdor Q.2 Agreement with the following statement: I consider myself an outdoors pers Q.2 Agreement with the following statement: I wish the parks were open for for U word wrap Q.2 Agreement with the following statement: I wish all of the local parks in Arizz	Ignore ranking Ignore ranking Show "unweighted tables" note Create tables Create tables Create tables Create tables Run syntax check only Records per case: 1
Add Select	0 crosstabs, 0 selected	Cases to run: 400 Overrides
	🥬 Move <u>D</u> own	👹 Run Cancel 👔 Help

Tip: When setting up advanced run, interweave banner options and some non-interweave banner options will not be able to be selected. All other run options are still able to be customized.

Data Options	Formatting Options	Worksheet Options	Report Options	Decimal Place Options		
 Create each Create each Create all ta Create one I 	a table as a separate ables in one workshee banner per workshee	worksheet, one banne worksheet, all in one at, one banner per wor t, all in one workbook one worksheet, one w	workbook kbook			
 Create simila Create simila 	a table as a separate ar tables as a separa ar tables as a separa	worksheet, all in one te worksheet, all in on te worksheet, one wo one worksheet, one w	e workbook ksheet per workbo	ook		
Add Run	Delete Run	advanced run test.xls	ĸ	\sim	ОК	Cancel 🕜 Help

Banners now support all statistics options

In Setup | Banners, you are now able to include statistic options such as mode, minimum, maximum, volumetric, etc.

- 1. Select a banner you want to add these options to and select Edit Banner.
- 2. Select Statistics within Banner Options tab.

Log	gic	Width and Spacing	Options	Horizontal/Consta	nt Percents	Weights	Comp	arison Groups (2)	Filter	
S	tatis	tics	Display Op					Decimal places		
	_		Show s	0	🗌 Hide freq			Frequency:	Default	\sim
(Statstics	Hide co		Hide vert	-		Percent:	Default	\sim
	_			ge before column	🗌 Hide hori	zontal perc	ent	Statistic:	Default	\sim
				on charts Id column color	Hide con		nt	Variability:	Default	~
			None	Clear	CALC (Options				
								Apply to Selec	ted Colum	Ins

3. Now, choose which statistics to include in your banner.

Column Statisics 🛛 🗙
Statistics options Sample size for statistic base Mean Mean confidence interval (lower) Mean confidence interval (upper) Standard deviation Standard error Standard error Median 1st Quartile 3rd Quartile Mode Mode Maximum Effective sample size for statistic base Mean number of mentions
OK Cancel 🕜 Help

Use Percentage Off table option

New table option 'PO' allows the user to create a summary table i.e., top box summary, without having to create hidden percentage off of rows.

1. Select the tables you want to include in your summary table and select Summary of Frequencies

✓ Use glossary transformations

	Create 10 Tables		
Name	Туре	^	
Q1	Numeric		Create One Table with Many Rows
Q2_1	Numeric		With Marry Rows
Q2_2	Numeric		Create One Table
Q2_3	Numeric		Using Net Logic
Q2_4	Numeric		Summary of Means
Q2_5	Numeric		Summary of Frequencies
Q2_6	Numeric		
Q2_7	Numeric		Summary of NPS
Q2_8	Numeric		Create 10 Tables with
Q2_9	Numeric	~	One Freq. Row Each

 Enter the code value of what you want tested for your summary table (4 – Top Box) and enter the range of values for the percentaging base (1-4). The only difference is you will now select the option Use Percentage Off table option.

Summary of Frequencies - Table Settings	×
Enter the code value or range for the rows:	
Examples: 1 or 1,2,3 or 1-3 or 1-3,5-	·8
4	
Label	Value
Strongly Disagree	1
Somewhat Disagree	2
Somewhat Agree	3
Strongly Agree	4
☐ Word wrap If desired, enter the code value or range for t	he percentaging base:
1-4	
○ Add hidden percentage rows Ouse Perce	entage Off table option
Use variable label from first selected variable	le as table title
Use value labels as row text	
Show filter row OK	Cancel 🕜 Help

Instead of showing the hidden percentage off rows, you will now see the table filter PO (1-4).

TQ2_TBA			
OW,OR,OV,OB,S2,P1,V2,SA,SP,P0(1-4)			
Q.2 (Top Box Summary) Agreement with the following statement:			
TOTAL ATNAO			
I consider myself an outdoors person^	Q2_1	(4)	Λ
I wish the parks were open for longer hours^	Q2_2	(4)	Λ
I wish all of the local parks in Arizona had after school programs for kids	Q2_3	(4)	Λ
I trust that the Arizona Parks and Recreation staff are well-trained^	Q2_4	(4)	Λ
I usually visit an Arizona park at least once a week^	Q2_5	(4)	Λ
I wish all hiking paths in Arizona parks were paved^	Q2_6	< · >	Λ
I enjoy visiting the Arizona Parks and Recreation visitor centers^	Q2_7	(4)	Λ
I like being able to reserve ramadas at Arizona parks for family gatherings	Q2_8	(4)	
I love the bike trails in some Arizona parks^	Q2_9	(4)	Λ
I hope that more parks are built as the population of Arizona grows^	Q2_10	(4)	Λ

TIPS:

- This option is a simple solution when simple logic is being used and there are no other filters for the percentage off rows.
- Percentage Off table option will not work if there is more complex logic included in the rows (e.g., AND or OR logic).

Q2_TBA	
OW, OR, OV, OB, S2, P1, V2, SA, SP	
Q.2 (Top Box Summary) Agreement with the following statement:	
TOTAL ATNAO	
I consider myself an outdoors person^ Q2_	. (1-4) AND Q1 (1) AHR
I wish the parks were open for longer hours∧ Q2_	2 (1-4) AND Q1 (1) ^HR
I wish all of the local parks in Arizona had after school programs for kids^ Q2_	(1-4) AND Q1 (1) AHR
I trust that the Arizona Parks and Recreation staff are well-trained^ Q2_	(1-4) AND Q1 (1) AHR
I usually visit an Arizona park at least once a week^ Q2_	(1-4) AND Q1 (1) AHR
I wish all hiking paths in Arizona parks were paved^ Q2_	6 (1-4) AND Q1 (1) AHR
I enjoy visiting the Arizona Parks and Recreation visitor centers^ Q2_	(1-4) AND Q1 (1) ^HR
I like being able to reserve ramadas at Arizona parks for family gatherings^ Q2_	6 (1-4) AND Q1 (1) ^HR
I love the bike trails in some Arizona parks^ Q2_) (1-4) AND Q1 (1) ^HR
I hope that more parks are built as the population of Arizona grows^ Q2_	.0 (1-4) AND Q1 (1) AHR
I consider myself an outdoors person ^{Λ} Q2_	. (4) ^1
I wish the parks were open for longer hours^ Q2_	
I wish all of the local parks in Arizona had after school programs for kids^Q2_	
I trust that the Arizona Parks and Recreation staff are well-trained^ Q2_	
I usually visit an Arizona park at least once a week^ Q2_	
I wish all hiking paths in Arizona parks were paved^ Q2_	
I enjoy visiting the Arizona Parks and Recreation visitor centers^ Q2_	
I like being able to reserve ramadas at Arizona parks for family gatherings A Q2_	
I love the bike trails in some Arizona parks^ Q2_	
I hope that more parks are built as the population of Arizona grows^ Q2_	.0 (4) ^10

Create backup job files

Located under **Tools | Program Options** creates a backup file anytime the job file is saved. Number of backup files can be adjusted or turned off under program options.

Program Options	\times
CPU Usage When a multi-core CPU is detected, use mutliple processing threads for Run Tables	
Maximum number of cores to use (0 for all): 0	
Create backup job files ✓ Create backup jobfiles when changes are saved Maximum number of backups to save (0 for all): 5	

Once the specified number of backups is reached, WinCross will replace the oldest backup file with the most recent save. All backup files will show as *jobfile(AutoBackup timestamp).job*

Max banner column width

Within **Banner Editor**, select one or more columns you would like to edit the width of. Then select the **Width and Spacing** tab in the editor window. Type in how many characters wide you would like the selected columns to be. The max banner column width has been increased from 100 characters to 5,000 characters.

Logic Width and Spacing Options Horizontal/Con	tant Percents Weights Comparis					
Column width, in characters 7 Apply Width	to Selected Columns					
Spaces before each column 1 Apply Sp	cing to All Columns					
Column <u>d</u> ivider character(s) (Visible using Preview Banner and in final reports, but not in the edit view above. Applies to Plain Text Reports only.)						
Statistical <u>T</u> esting	🎔 Undo 🤍 Redo					

Table name width

Tables are labeled starting with a capital "T" in the first position of a given line. WinCross 22 table titles have been increased to allow 100 characters rather than 11 from previous versions. Table titles are followed by a caret (^) and an index number. If you do not specify a table index number, WinCross will automatically provide one.

TGender^1 OW,OV,OR,OB,SA,SP,P1 Gender TOTAL^TN^0 Male^ GENDER (1)^ Female^ GENDER (2)^

Memorized reports

Now when running multiple memorized reports (*.wmr*) that reference the same data file, the data file doesn't reload after each report. This greatly reduces running time for large studies. For example, a 1 GB data file will only need to be loaded once instead of in the past having to be reloaded for each report. If the reports reference different data files WinCross closes the open data file and then loads the new data file.

Compatibility with Latest Version of SPSS

WinCross 22 is compatible with SPSS version 28. For compatibility with WinCross, we recommend saving files in SPSS using Locale (code page) encoding.