# **SUAVE**

### **Introduction to SUAVE**

The Survey Analysis And Visual Exploration (SUAVE) software is a new and unique tool for analyzing survey data in novel ways. SUAVE is free, and it lives on the web. You can find it here

## http://suave.sdsc.edu/

To use SUAVE, you will need to install Microsoft Silverlight, a free program that you can download here:

http://www.microsoft.com/silverlight/

SUAVE is very easy to use, but it is still under development and available only for the Microsoft operating system.

### Using SUAVE

SUAVE has GSS2010 loaded. If you click on

http://suave-dev.sdsc.edu/main/file=zaslavsk General Social Survey 2010 2 .csv&views=111000&view=grid

### you will be transported to this screen

	* Worwoh Shedght	*	5 N				1.00		_	-	-	A Distance					80		
	csd.edu/suave/gss2010																		\$
<ol> <li>For quick access, place</li> </ol>	ce your bookmarks here on the	bookmarks bar. Import.bo	okmarka new																
2944														variar	ce primary sar	• • 111	int list lis	et 💷 🤇	D
	0.90.01	01111	1001	9009	1011	1101	009	900	000	101	00	001		099	991	1 9 1	09	10	1
h	11101		0020	0110	2000	000	00	01	00	200		00	0.2.0	200	00	00		01	Le
nce primary sam			0999		R 9 9 6		99		0 1 7	209		9 11	0	201	299	200		11	L
nce primary sam		0000		0000		0000	005	000	091	00		910		909			00		1
	01011					200						100		000		00		90	ł
	0000	1010		0000	001		2 1 6	1 1		00		20				1 1	123	11	
	11000	A T T A A				100		000		00		IUI	00		2.0	10		0	ļ
					0000							10		0000			1.0		2
		1000				00				301		00						00	2
	1011				i		001			000	ió	00					00	00	l
	0000				200		000			000		80	NO B						í
	00000				0 0 0				000	200					I I			66	l
					0000			8 8			00						őe	W 10	
	100						000								100		00	00	
						000		0.0		101			100					8 8	2
	0000	0000	0 0 0 0				900	0.0		000	0 0		0 0	0 0 0	00	000		00	ï
nce stratum	1100				0000	1000	000			ààà			100	000			100	00	2
often r allowed c			0000	i a a i	0000	1000		10		8 8 8	66	âŭ	iñă	å å ë	P D A	å e d	100	8 8	i
al status of 1st p.	00000	00000	0000	a a a	8 8 8 G	1000	00	1 A			àð	0.0	00	ě . A	i a a	aad		00	Ň
al status of 2nd	1010	00000					00	9 9	aaa	0.0	àà		00	0 0 0	o ă ă			0 P	ñ
		00000		0000					ë ë ë			66					00	00	ĩ
tal status of 3rd p.,	0000	0000					00		000		1 0		D O	0 0 0	000	10			ñ
tal status of 4th p		AAAA		0000	000	000	0.0			666	00		00	000		000		00	š
tal status of 5th g	9990	00000	0000	0000	å å å i	0000		691			0.0	100		000	0 9 6	00			î
tal status of 6th p	00100		0000	0000	000	100	000	00		000	00	0.0	0.0		000	0.9.0		00	ï
tal status of 7th p	0 9 9 9 1	0000	0 0 0 0	0000	0010	3 9 0 9	9 9 0	000	000		0.0	001		000		00	66	0.9	į.
al status of 8th p	1900	0000	0000	0.00	8 9 II (		000		0.0	0.0	00	000	0 9 G	000	000	0 0 0	00	0 0	ÿ
al status of 9th g	00000		a e a e	0000		000		9.0		0.0	0.0	00	0.0	000	00	000	0 9 6		ĥ
tal status of 11th	10100	0.0.0.0	000	0 0 0		0000	00	0.0	000	000	00	å å	0.0	000		0 9 6	0.		ñ
	1000	0000	0000		ô 1 9 6		BOB		å å å	000	00	00		8 8 A	0 0 D	00	0.0		Ē
al status of 12th	1000	1 0 0 0	0000	0000	0 9 9 1		101	000	000	0 0 0	00	0 9 6	00	000		9 9 6	000	9.0	ř
tion if woman wa	1001	00000					000	A 1 1 1 1 1 1 1 1 1			o é	00	000	0 0	000	0 9 0		00	ŝ
g chance of serio	2227		000			000				101	0.9			000	0 0	000		0.0	í.
ans health seriou	00000	0		0 0 0					ô 🎽 ð	ooi	0.0	011	000	100	100	00	óò		i,
ied-wants no m	1000	0.00	000		- Mar Mar	5011	0 0			ěă	0.0	0.0	00	000	0 0 0	000	0.0	00	ŕ
				0000	0 0 0		000		and calls are		1. W. 1.M.	-w- 080 3	N. 961.961	w.a.a.		W- 2012	1. W 1. M.	(W) I	
Settings	THE R. W. LEW.	T T W T T	TWIW	ALC ROLLING	MUCH SHA	an and the second	1. 11. 11. 11. 11	1. AR.J											

**In the top left corner** you will see the name of the dataset (gss2010) and in a red square the total number of cases (2044). This number changes as you select subsets of cases.

**On the left side** you will see the list of all the variables in GSS 2010 as they appear in the datafile. Each variable is represented by its label.

Above the list, you can find a search box. This is where you can search for variables.

If you click on a variable label you will get a list of the values of that variable with checkboxes and frequencies. Using the checkboxes you can select which cases you want to keep in the analysis.

In the middle, you will see the cases. Each case is represented by a face coded for race and gender. If you click on any one of them, you will zoom in to see this case up close.

**On the right,** a list will appear that has the value of each variable for that person/case. Another click zooms out, back to full view.

**On top left**, you find a drop-down menu with the same list of variables you have on the left side. While on the left side you can select the cases to restrict your analysis to a subsample/subset defined the values of a variable, here you can pick the variable you want to analyze.

Next to it you find 3 buttons

The first button is the Grid View. This is the default.

The second button is the Bucket View. The Bucket View produces bar charts, where each value of the variable is a bucket and the cases are stacked forming the bars of the bar chart.

The third button is the Crosstab View. Once you push that button, a second drop-down list of variables appears. The list on the left allows for the selection of the column variable, the list on the right is for the row variable. You can see the people sorted into cells depending on the combination of the values of the two variables that they have.

### Zooming in

To find out about a particular case, you have to click on the icon representing the case. To find out more about the case, you can browse the right panel where each variable and its value for that person are listed.

To select the variables you want to see go to Settings in the bottom left corner and click on it. You will see two windows. The one on the left will have all the variables, and you need to move the selected ones over to the right window.

First empty the right window by clicking on Deselect All. Then move variables from left to right by clicking on them twice. Once you have the list click on Submit.

Now if you click on an icon, you will see the value for that person only for the variable you selected.