

Making Journal-Quality Tables

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CFDR Workshop Series

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BGSU



Center for Family and
Demographic Research

Agenda

- Illustrate basic methods for getting output into Excel—go beyond copy and paste
- Both SAS and Stata code
- Some considerations for when you're formatting your tables

SAS: Output Delivery System (ODS)

- What is ODS?
 - Produce different types of procedure output
 - HTML, RTF, XML and other file types
 - Use styles and options to manage appearance of output

Using ODS to Export Output

- Three things to cover:
 - ODS tagsets.ExcelXP
 - ODS HTML
 - RTF style

Using ODS: ODS tagsets.ExcelXP

- A tagset specifies instructions for working with SAS data
- Contains embedded instructions defining layout and some content
- There are a variety of different tagsets

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Using ODS: ODS tagsets.ExcelXP

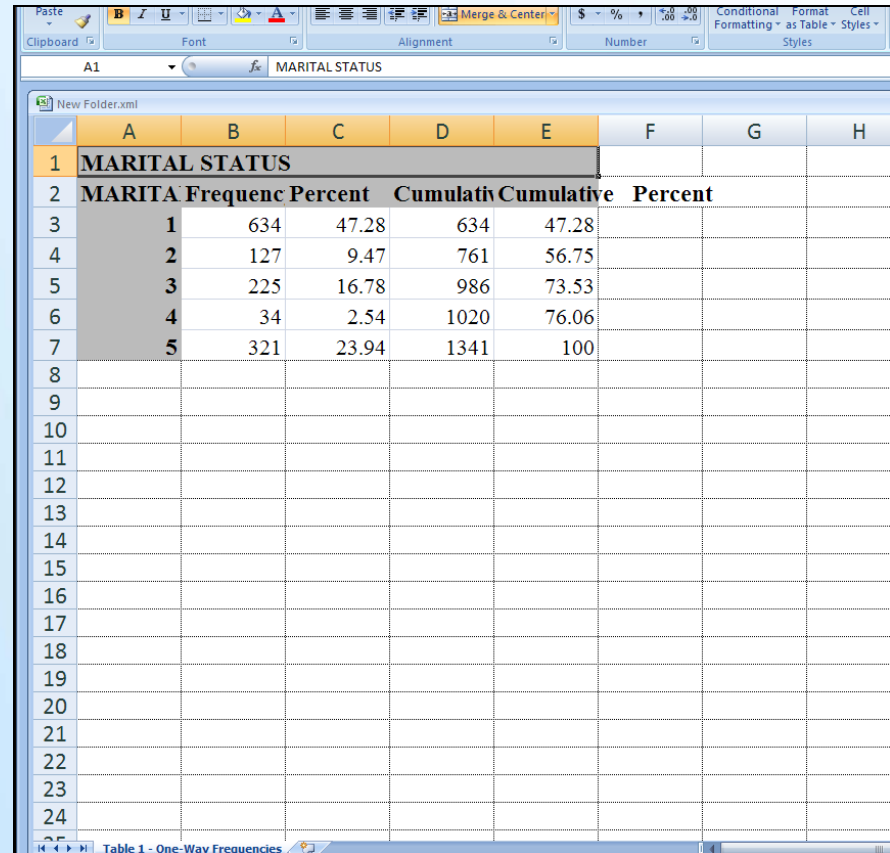
- For a basic frequency distribution:

```
ods listing close;  
ods tagsets.excelxp style=rtf file='C:\Documents and  
Settings\Malvira\Desktop\New Folder.xml';  
proc freq data=a;  
tables marital;  
run;  
ods tagsets.excelxp close;  
quit;
```

- Make sure to specify “style=rtf”—formatting will be much easier
- Now open your new file in Excel and format as needed

Using ODS: ODS tagsets.ExcelXP

- Now you can easily make formatting changes
- Can also transfer to Word



The screenshot shows an Excel spreadsheet with a table titled "MARITAL STATUS". The table has five columns: "MARITAL STATUS", "Frequency", "Percent", "Cumulative", and "Cumulative Percent". The data is as follows:

MARITAL STATUS	Frequency	Percent	Cumulative	Cumulative Percent
1	634	47.28	634	47.28
2	127	9.47	761	56.75
3	225	16.78	986	73.53
4	34	2.54	1020	76.06
5	321	23.94	1341	100

Using ODS tagsets.ExcelXP: Multiple Procedures

- You can run multiple procedures and they will be output into separate spreadsheets:

```
ods listing close;
ods tagsets.excelxp style=rtf file='C:\Documents and
Settings\Malvira\Desktop\New Folder.xml';
proc freq data=a;
tables marital2;

proc freq data=a;
tables rincom06;
run;
ods tagsets.excelxp close;
quit;
```




Each table is output to a separate spreadsheet

Clipboard							
Font							
Alignment							
A1							
fx marital2							
	A	B	C	D	E	F	G
1	marital2	Frequenc	Percent	Cumulati	Cumulative	Percent	
2	1	634	47.28	634	47.28		
3	2	386	28.78	1020	76.06		
4	3	321	23.94	1341	100		
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

Table 1

A1								
fx RESPONDENTS INCOME								
	A	B	C	D	E	F	G	H
1	RESPONDENTS INCOME							
2	RINCOM	Frequenc	Percent	Cumulati	Cumulative	Percent		
3	0	434	32.36	434	32.36			
4	1	13	0.97	447	33.33			
5	2	17	1.27	464	34.6			
6	3	20	1.49	484	36.09			
7	4	14	1.04	498	37.14			
8	5	15	1.12	513	38.26			
9	6	18	1.34	531	39.6			
10	7	14	1.04	545	40.64			
11	8	21	1.57	566	42.21			
12	9	40	2.98	606	45.19			
13	10	23	1.72	629	46.91			
14	11	26	1.94	655	48.84			
15	12	26	1.94	681	50.78			
16	13	32	2.39	713	53.17			
17	14	38	2.83	751	56			
18	15	40	2.98	791	58.99			
19	16	62	4.62	853	63.61			
20	17	45	3.36	898	66.96			
21	18	76	5.67	974	72.63			
22	19	64	4.77	1038	77.4			
23	20	76	5.67	1114	83.07			
24	21	50	3.73	1164	86.8			
25	22	28	2.09	1192	88.89			
26	23	25	1.86	1217	90.75			
27	24	13	0.97	1230	91.72			
28	25	16	1.19	1246	92.92			
29	26	95	7.08	1341	100			
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Table 2

Using ODS HTML

- Saves your output as either an .html or an .xls extension, which can both be read in Excel
- ODS HTML with the .xls or .csv extension preserves formatting in the Excel spreadsheet

Using ODS HTML: Crosstab

- Let's do a basic crosstab:

```
ods html file = 'C:\Documents and  
Settings\Malvira\Desktop\test.xls' style=rtf;  
proc freq data;  
tables marital2*race/norow nocol nofreq;  
run;  
ods html close;
```

Using ODS: Opening Your File

- Find your XLS file in the location you designated
- Open file in Excel
- Now you can easily make any necessary formatting changes

The screenshot shows an Excel spreadsheet with the following content:

- Cell A1: The SAS System
- Cell A3: The FREQ Procedure
- Cell A5: Percent
- Cell C6: Table of marital2 by RACE
- Cell C6: RACE(RACE OF RESPONDENT)

marital2	RACE(RACE OF RESPONDENT)			Total
	1	2	3	
1	41.61	3.58	2.09	47.28
2	22.67	4.85	1.27	28.78
3	14.47	7.31	2.16	23.94
Total	1056	211	74	1341
	78.75	15.73	5.52	100

ODS HTML crosstab of marital status and race

Using ODS: Linear Regression

- Let's run a linear regression of income on sex:

```
ods html file= 'C:\Documents and  
Settings\Malvira\Desktop\test.xls';  
proc reg data=a;  
model rincom06=female age prevmarr nevermarr;  
run;  
ods html close;
```

- If you're running other procedures first, put "quit" after running them to avoid getting errors
- If you set your Results Viewer style to RTF, you do not need to specify "style=rtf" in your code

Using ODS: Linear Regression Results

- This is what your results will look like in Excel
- Now you can easily make any adjustments you need

The screenshot shows an Excel spreadsheet with the following content:

1 The SAS System

2

3 The REG Procedure

4 Model: MODEL1

5 Dependent Variable: RINCOM06 RESPONDENTS INCOME

6

7	Number of Observations Read	1341
8	Number of Observations Used	1341

9

Analysis of Variance						
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F	
13	Model	4	14186	3546.50554	46.67	<.0001
14	Error	1336	101524	75.99133		
15	Corrected Total	1340	115710			

16

17	Root MSE	8.7173	R-Square	0.1226
18	Dependent Mean	10.91126	Adj R-Sq	0.12
19	Coeff Var	79.8927		

20

Parameter Estimates							
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	
24	Intercept	Intercept	1	22.98355	0.97133	23.66	<.0001
25	female		1	-3.19831	0.48772	-6.56	<.0001
26	AGE	AGE OF RESPONDENT	1	-0.17536	0.01642	-10.68	<.0001
27	prevmarr		1	-1.34029	0.585	-2.29	0.0221
28	nevermarr		1	-3.71753	0.65492	-5.68	<.0001

Using ODS: Logistic Regression

- We can do the same thing with logistic regression:

```
ods html file = 'C:\Documents and  
Settings\Malvira\Desktop\test.xls';  
proc logistic descending DATA=a;  
model obama=female age prevmarr nevermarr;  
run;  
ods html close;
```


Using ODS: Logistic Regression Results

test.xls

Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	1806.692	1740.155
SC	1811.894	1766.161
-2 Log L	1804.692	1730.155

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	74.5377	4	<.0001
Score	71.7649	4	<.0001
Wald	68.4021	4	<.0001

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-0.2162	0.232	0.8688	0.3513
female	1	0.3976	0.1168	11.5897	0.0007
AGE	1	0.000531	0.00394	0.0182	0.8927
prevmarr	1	0.3917	0.1371	8.1584	0.0043
nevermarr	1	1.1674	0.1676	48.5124	<.0001

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
female	1.488	1.184	1.871
AGE	1.001	0.993	1.008
prevmarr	1.48	1.131	1.936
nevermarr	3.214	2.314	4.463

Association of Predicted Probabilities and Observed Responses			
		Somers' D	
Percent Concordant	59.9		0.262
Percent Discordant	33.7	Gamma	0.28
Percent Tied	6.4	Tau-a	0.126
Pairs	431480	c	0.631

Using ODS HTML: Multiple Procedures

- You can run multiple procedures within an ODS HTML statement:

```
ods html file = 'C:\Documents and
Settings\Malvira\Desktop\test.xls';
proc freq data=a;
tables marital2;

proc logistic descending;
model obama=female age prevmarr nevermarr;
run;
ods html close;
```

Each of your procedures will be output to your Excel spreadsheet

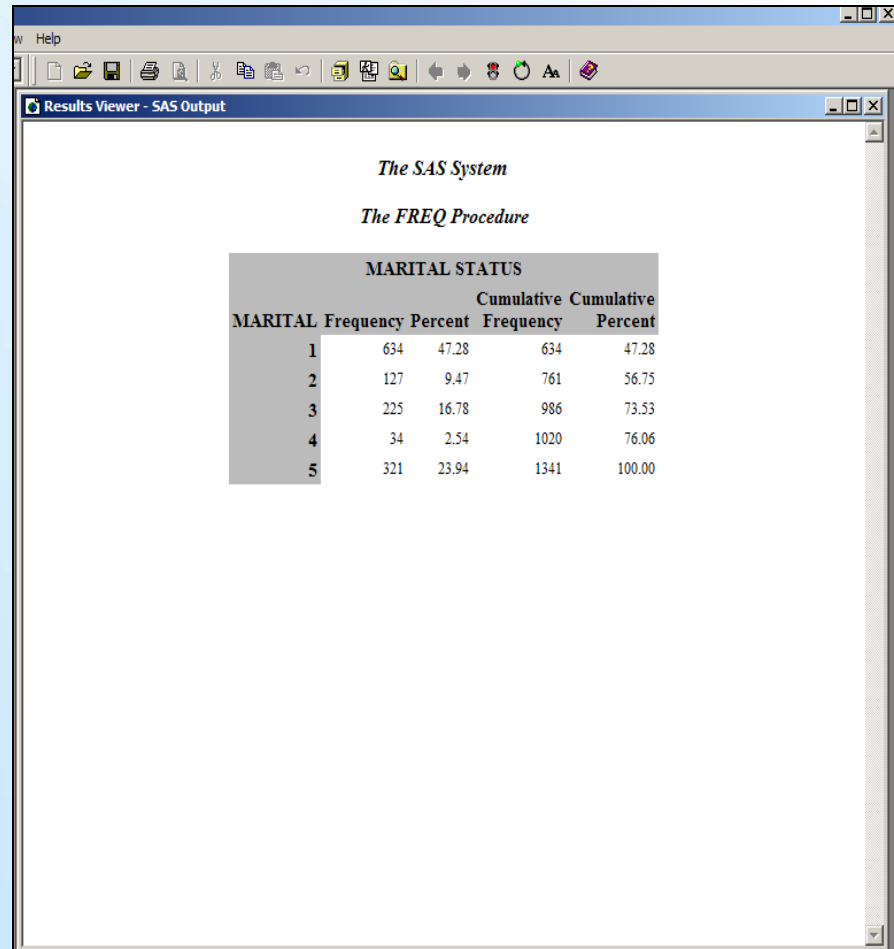
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16																		Response Variable																		obama																																																																																									
17																		Number of Response Levels																		2																																																																																									
18																		Model																		binary logit																																																																																									
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36																		Model Fit Statistics																																																																																																											
37																		Criterion																		Intercept Only																		Intercept and Covariates																																																																							
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41																		SC																		1811.804																		1766.161																																																																							

Using ODS: Transferring to Word

- You can put your Excel output into Word
- If you still just want to copy and paste, set your SAS Results Viewer style to 'RTF'
 - SAS Tools→Options→Preferences→under 'Style' select 'RTF'

Using ODS: Transferring to Word

- With the RTF output style, this is what output in your Results Viewer will look like



The screenshot shows the SAS Results Viewer window displaying the output of a FREQ procedure. The output is formatted in a professional, clean style with a light gray background for the table header and data rows. The table is titled 'MARITAL STATUS' and includes columns for 'MARITAL', 'Frequency', 'Percent', 'Cumulative Frequency', and 'Cumulative Percent'. The data is presented in a clear, readable format.

<i>The SAS System</i>				
<i>The FREQ Procedure</i>				
MARITAL STATUS				
MARITAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	634	47.28	634	47.28
2	127	9.47	761	56.75
3	225	16.78	986	73.53
4	34	2.54	1020	76.06
5	321	23.94	1341	100.00

Using ODS: Transferring to Word

- Copy your output in the Results Viewer and paste into Excel or Word

MARITAL STATUS					
MARITAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent	
1	634	47.28	634	47.28	
2	127	9.47	761	56.75	
3	225	16.78	986	73.53	
4	34	2.54	1020	76.06	
5	321	23.94	1341	100	


Using ODS: Some Considerations

- Error warnings
 - Make sure to close your listings and quit after procedures
- May need to go to 'Results' preferences, then unclick and re-click 'Create Listing'
- Exporting ODS HTML results into XLS formats will cause leading zeros to be ignored
- Because you are telling SAS to export your output, it isn't sending it to your Results Viewer



Stata: *tabout* and *outreg2*

- *tabout* is a Stata program for producing descriptive and summary tables
- *outreg2* is a Stata program which exports regression into Excel and other formats

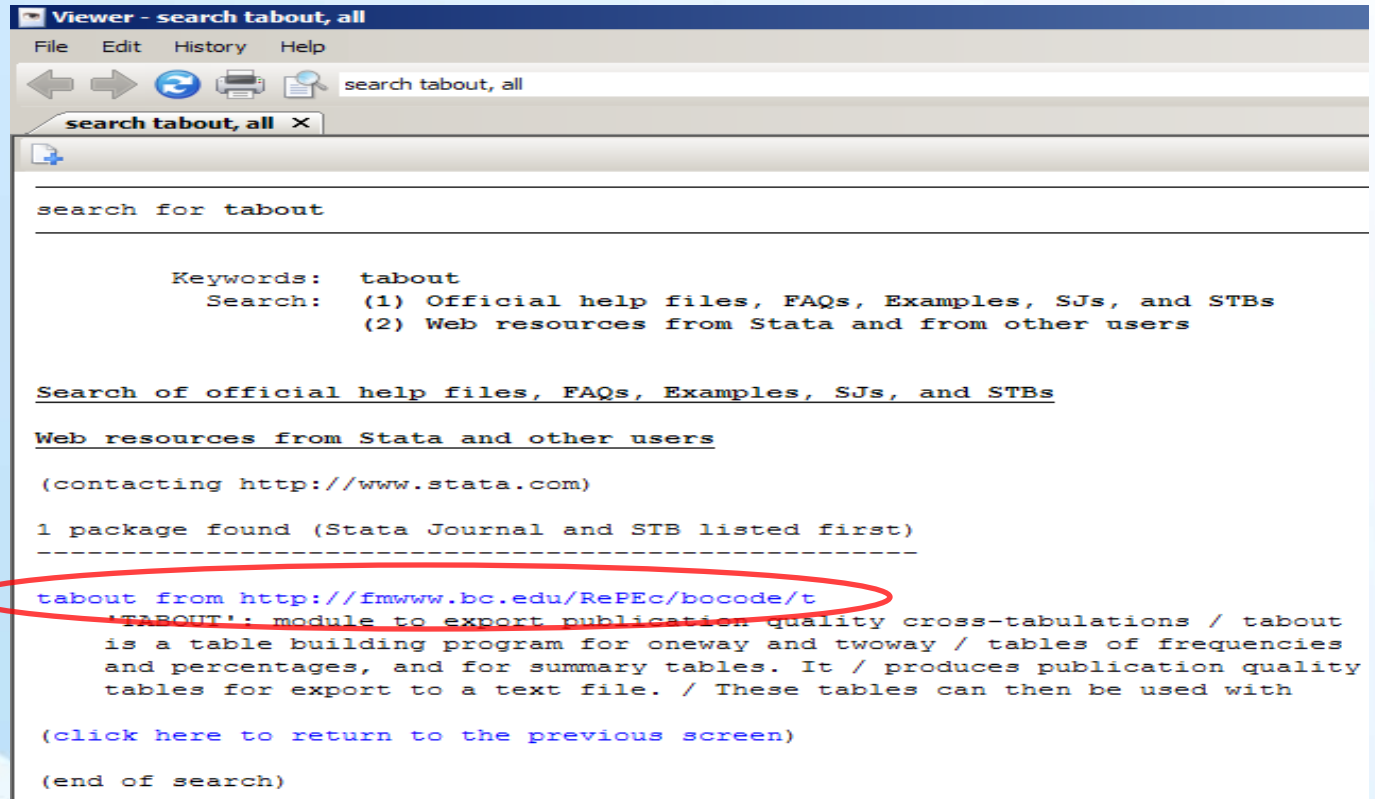


Installing *tabout* and *outreg2*

- Stata does not come preloaded with all available programs
- The simplest way to locate and install *tabout* and *outreg2* it with the *findit* command
- We will outline the steps required to install *tabout*

Installing *tabout* and *outreg2*

- From the Stata command window type *findit tabout*, the following window should open...



The screenshot shows a Stata Viewer window titled "Viewer - search about, all". The window contains the following text:

```
search for tabout

Keywords:  tabout
Search:    (1) Official help files, FAQs, Examples, SJs, and STBs
          (2) Web resources from Stata and from other users

Search of official help files, FAQs, Examples, SJs, and STBs

Web resources from Stata and other users

(contacting http://www.stata.com)

1 package found (Stata Journal and STB listed first)
-----
about from http://fmwww.bc.edu/RePEc/bocode/t
'TABOUT': module to export publication quality cross-tabulations / tabout
is a table building program for oneway and twoway / tables of frequencies
and percentages, and for summary tables. It / produces publication quality
tables for export to a text file. / These tables can then be used with

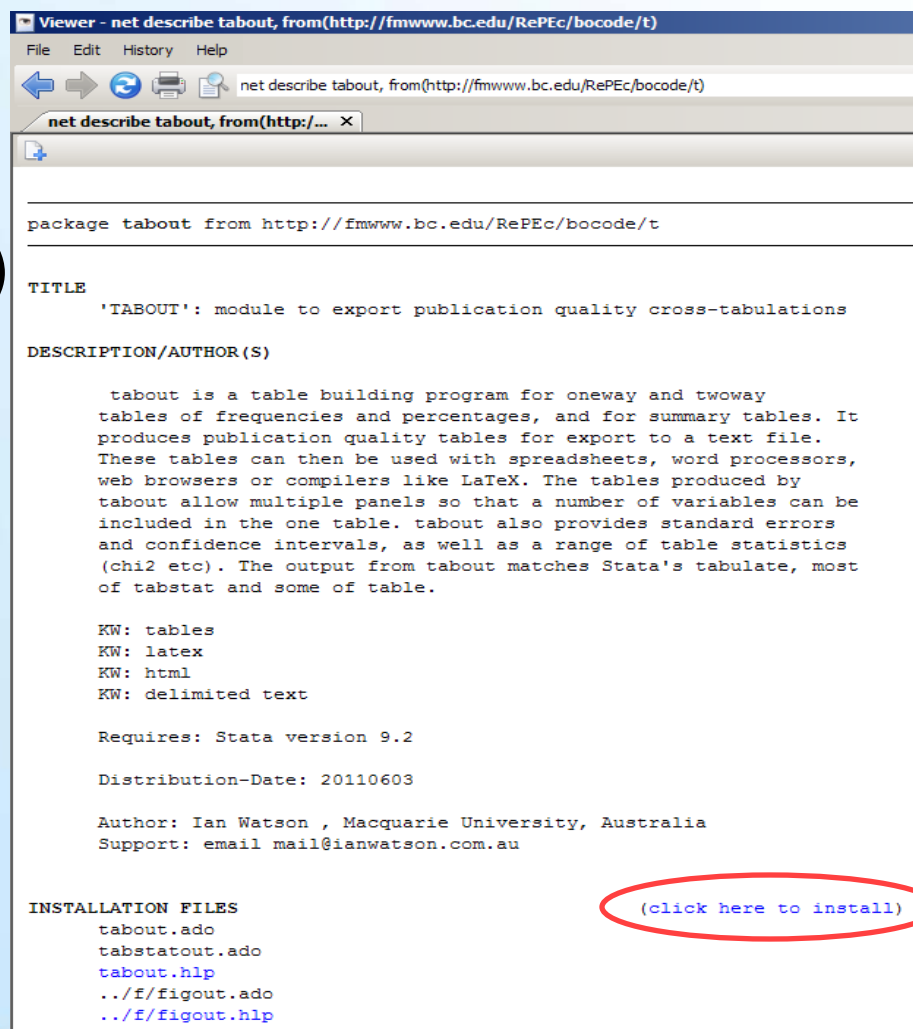
(click here to return to the previous screen)

(end of search)
```

The URL <http://fmwww.bc.edu/RePEc/bocode/t> is circled in red in the original image.

Installing *tabout* and *outreg2*

- Clicking on the link will open this window
- Hit (click here to install)



```
Viewer - net describe tabout, from(http://fmwww.bc.edu/RePEc/bocode/t)
File Edit History Help
net describe tabout, from(http://fmwww.bc.edu/RePEc/bocode/t)
net describe tabout, from(http://... X
package tabout from http://fmwww.bc.edu/RePEc/bocode/t

TITLE
'TABOUT': module to export publication quality cross-tabulations

DESCRIPTION/AUTHOR(S)

    about is a table building program for oneway and twoway
    tables of frequencies and percentages, and for summary tables. It
    produces publication quality tables for export to a text file.
    These tables can then be used with spreadsheets, word processors,
    web browsers or compilers like LaTeX. The tables produced by
    tabout allow multiple panels so that a number of variables can be
    included in the one table. tabout also provides standard errors
    and confidence intervals, as well as a range of table statistics
    (chi2 etc). The output from tabout matches Stata's tabulate, most
    of tabstat and some of table.

KW: tables
KW: latex
KW: html
KW: delimited text

Requires: Stata version 9.2

Distribution-Date: 20110603

Author: Ian Watson , Macquarie University, Australia
Support: email mail@ianwatson.com.au

INSTALLATION FILES
    about.ado
    tabstatout.ado
    tabout.hlp
    ../E/figout.ado
    ../f/figout.hlp

(click here to install)
```



Using *tabout*

- We will use *tabout* to create and export a descriptive table to Excel
- Once exported, output can be easily formatted

Using *tabout*

- Select your desired variables and run the ***tabout*** command

```
tabout SEX RACE MARITAL03 using table1.xls, cell(row col freq) format(2p 2p 0c) clab( __ ) layout(row) ptotal(single) replace
```

- ***SEX & RACE***
 - Our 2 row variables
- ***MARITAL03***
 - Our main column variable
- ***table1.xls***
 - Desired file path-name, this varies according to preference
- ***cell***
 - Determines contents of table cells

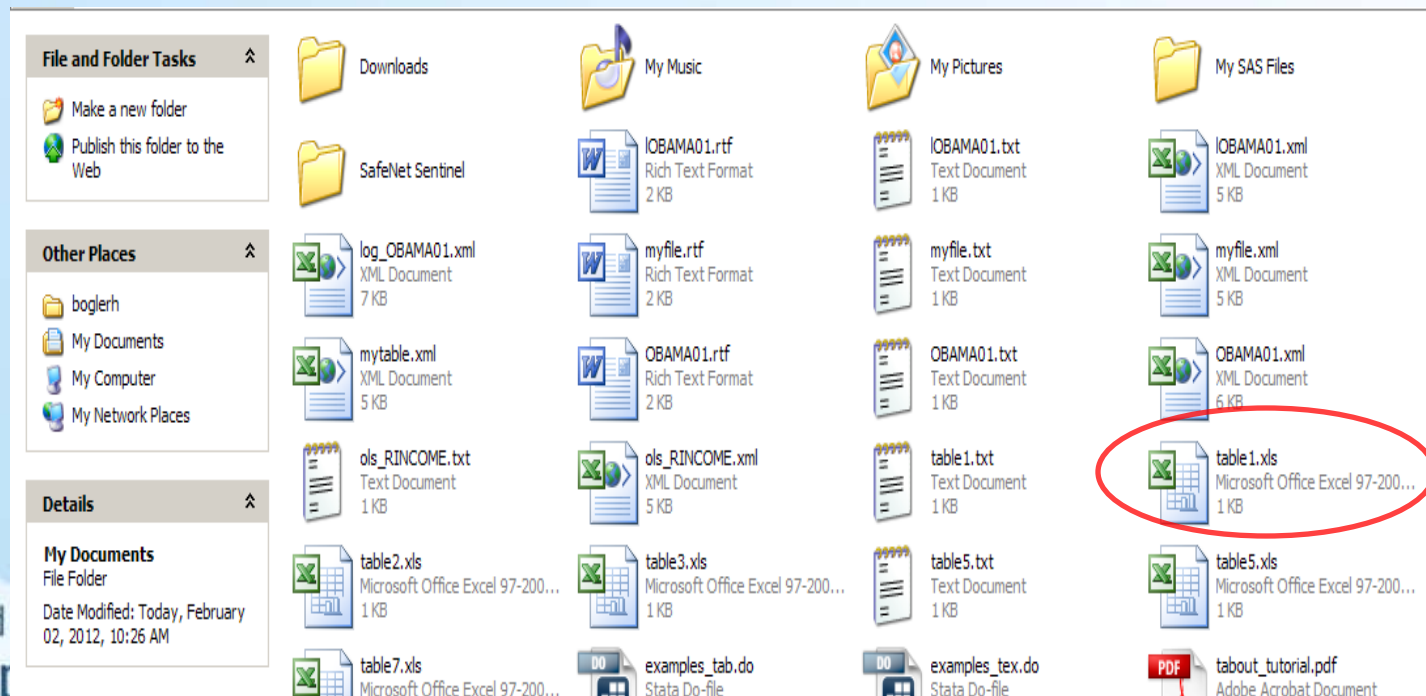
Using *tabout*

```
tabout SEX RACE MARITAL03 using table1.xls, cell(row col freq) format(2p 2p 0c) clab(____) layout(row) ptotal(single) replace
```

- ***format***
 - Format of corresponding values for ***cell***
- ***clab***
 - Determines the row heading of corresponding ***cell*** values
- ***layout***
 - Determines the layout of the columns
- ***ptotal***
 - Determines how to treat totals for tables with multiple row variables

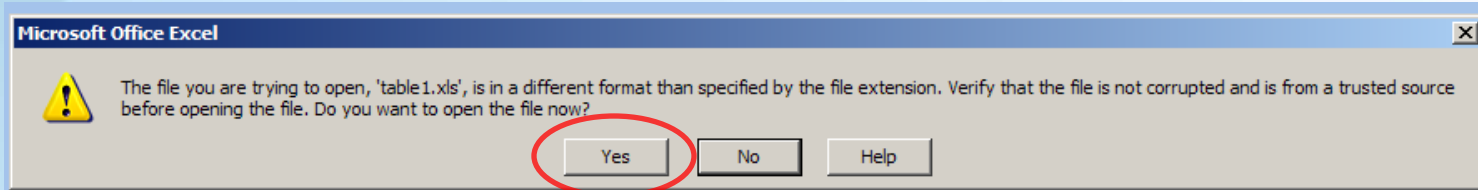
Using *tabout*

- After running the command Stata will display your output
- Your Excel spreadsheet should be located on the file path-name designated in the command



Using *tabout*

- After clicking the file you will get this message



- Ignore this and just click 'yes' to view your table

Using *tabout*: Results

The screenshot shows an Excel spreadsheet with a pivot table. The pivot table is structured with columns for marital status (1 CURRENT MARRIAGE, 2 PREVIOUS MARRIAGE, 3 NEVER MARRIED) and a Total column. The rows represent demographic categories: SEX (MALE, FEMALE), RACE (WHITE, BLACK, OTHER), and a Total row. The data is presented as percentages and counts.

	A	B	C	D	E
		MARITAL03			
		1 CURRENT MARRIAGE	2 PREVIOUS MARRIAGE	3 NEVER MARRIED	Total
4	SEX				
5	MALE	48.04%	22.78%	29.18%	100.00%
6		48.04%	34.58%	46.02%	43.61%
7		428	203	260	891
8	FEMALE	40.19%	33.33%	26.48%	100.00%
9		51.96%	65.42%	53.98%	56.39%
10		463	384	305	1,152
11					
12	RACE				
13	WHITE	48.74%	29.83%	21.43%	100.00%
14		84.74%	78.71%	58.76%	75.82%
15		755	462	332	1,549
16	BLACK	21.54%	27.33%	51.13%	100.00%
17		7.52%	14.48%	28.14%	15.22%
18		67	85	159	311
19	OTHER	37.70%	21.86%	40.44%	100.00%
20		7.74%	6.81%	13.10%	8.96%
21		69	40	74	183
22					
23	Total	43.61%	28.73%	27.66%	100.00%
24		100.00%	100.00%	100.00%	100.00%
25		891	587	565	2,043

Using *outreg2*

- *outreg2* is a quick and easy way to format and export regression results
- In the following will cover both linear and logistic regression

Using *outreg2*: Linear Regression

- Select your dependent and independent variables and run the normal Stata regression command

```
. reg RINCOME06_02 FEMALE AGE02 NEVERMAR PRIORMAR
```

Source	SS	df	MS	Number of obs = 1201		
Model	4383.50176	4	1095.87544	F(4, 1196) = 31.09		
Residual	42161.0128	1196	35.251683	Prob > F = 0.0000		
Total	46544.5146	1200	38.7870955	R-squared = 0.0942		
				Adj R-squared = 0.0911		
				Root MSE = 5.9373		

RINCOME06_02	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
FEMALE	-2.197045	.3470346	-6.33	0.000	-2.877909	-1.516181
AGE02	.0486241	.0138276	3.52	0.000	.021495	.0757532
NEVERMAR	-2.474717	.4443484	-5.57	0.000	-3.346506	-1.602928
PRIORMAR	-.896815	.4408219	-2.03	0.042	-1.761685	-.0319447
_cons	14.14219	.7225236	19.57	0.000	12.72463	15.55974

Using *outreg2*: Linear Regression

- Use *outreg2* to export your result into an Excel spreadsheet

```
. outreg2 using OLS_income01, excel sideways replace  
OLS_income01.xml  
dir : seeout
```

- ***OLS_income01***
 - Desired file path-name, this varies with preference
- ***excel***
 - Indicates desired export method
- ***sideways***
 - Requests that standard errors be placed to the right of the coefficient
- Click [OLS_income01.xml](#) to view your table in Excel

Using *outreg2*: Linear Regression Results

	A	B	C
1		(1)	(2)
2		RINCOME06_02	
3	VARIABLES	coef	se
4			
5	FEMALE	-2.197***	(0.347)
6	AGE02	0.0486***	(0.0138)
7	NEVERMAR	-2.475***	(0.444)
8	PRIORMAR	-0.897**	(0.441)
9	Constant	14.14***	(0.723)
10			
11	Observations	1,201	
12	R-squared	0.094	
13	Standard errors in parentheses		
14	*** p<0.01, ** p<0.05, * p<0.1		
15			
16			

Using *outreg2*: Linear Regression

- *outreg2* is great for tables with nested models
- Run and assign your full model using *outreg2*

```
. reg RINCOME06_02 FEMALE AGE02 NEVERMAR PRIORMAR
```

- ***cttop***
 - Labels this as the full model

```
. outreg2 using OLS_income01, replace cttop(full)
```

- Run your partial model(s) and export them using *outreg2*

- ***OLS_income01***
 - File path-name **must** be the same as above

```
reg RINCOME06_02 FEMALE AGE02
```

```
. outreg2 using OLS_income01, see excel
```

```
Hit Enter to continue.
```

```
OLS_income01.xml
```

```
dir : seeout
```

- ***see excel***
 - Prompts Stata to export the output into Excel

Using *outreg2*: Linear Regression Results

	A	B	C
1			
2		(1)	(2)
3		full	
4	VARIABLES	RINCOME06_02	RINCOME06_02
5			
6	FEMALE	-2.197***	-2.288***
7		(0.347)	(0.348)
8	AGE02	0.0486***	0.0796***
9		(0.0138)	(0.0121)
10	PRIORMAR	-0.897**	
11		(0.441)	
12	NEVERMAR	-2.475***	
13		(0.444)	
14	Constant	14.14***	11.87***
15		(0.723)	(0.592)
16			
17	Observations	1,201	1,201
18	R-squared	0.094	0.070
19	Standard errors in parentheses		
20	*** p<0.01, ** p<0.05, * p<0.1		
21			

Using *outreg2*: Logistic Regression

- Select your variables and run the normal Stata logistic regression command

```
logistic OBAMA01 FEMALE AGE02 RINCOME06_02 NEVERMAR PRIORMAR
```

```
Logistic regression                               Number of obs   =       783
                                                    LR chi2(5)      =       69.78
                                                    Prob > chi2     =       0.0000
Log likelihood = -483.30298                       Pseudo R2      =       0.0673
```

	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
OBAMA01						
FEMALE	1.591905	.2530749	2.92	0.003	1.165726	2.173891
AGE02	1.003227	.0062751	0.52	0.606	.9910033	1.015602
RINCOME06_02	.9637232	.013244	-2.69	0.007	.938112	.9900337
NEVERMAR	3.47593	.7677586	5.64	0.000	2.254544	5.358993
PRIORMAR	1.206816	.229561	0.99	0.323	.8312379	1.752092
_cons	1.379971	.5724394	0.78	0.438	.6120324	3.111467

Using *outreg2*: Logistic Regression

- Use *outreg2* to export your result into an Excel spreadsheet

```
. outreg2 using Logit_Obama01, eform excel replace  
Logit_Obama01.xml  
dir : seeout
```

- ***Logit_Obama01***
 - Desired file path-name, this varies according to personal preference
- ***eform***
 - Requests that results be displayed as odds ratios
- ***excel***
 - Indicates desired export method
- Click [Logit_Obama01.xml](#) to view your OLS regression table in Excel

Using *outreg2*: Logistic Regression Results

	A	B	C
1			
2			(1)
3	EQUATION	VARIABLES	OBAMA01
4			
5	OBAMA01	FEMALE	1.592***
6			(0.253)
7		AGE02	1.003
8			(0.00628)
9		RINCOME06_02	0.964***
10			(0.0132)
11		NEVERMAR	3.476***
12			(0.768)
13		PRIORMAR	1.207
14			(0.230)
15		Constant	1.380
16			(0.572)
17			
18		Observations	783
19		seEform in parentheses	
20		*** p<0.01, ** p<0.05, * p<0.1	
21			

Table Making Resources

- These are some of the very simplest procedures
- For more information see the following
- SAS
 - HTML and tagsets.ExcelXp
 - <http://support.sas.com/rnd/base/ods/excel/index.html>
- Stata
 - Enter ***help about*** and ***help outreg2*** in the Stata command window

That was easy! Now what...

- Exporting your results directly into Excel saves you a considerable amount of time, all of which can now be devoted to formatting your tables!
- Here are some things to keep in mind...

Think about...

- Who is your audience?
- What are you presenting?


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Who is your audience?

- Class paper
 - Still should look professional
- Conference presentation
 - Tables have to be cut to save space
- Journal submission
 - Formats differ from journal to journal
 - Look at submission guidelines for different journals
 - **Look at recent publications!!!**



What are you presenting?

- Format often varies according to the type of analysis
- Most journals have separate guidelines for different type of results

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What are you presenting?

About Family Topics Professional Resources Community News Events

Home » Publications » The Journal of Marriage & Family

In Publications

The Journal of Marriage & Family

- » Submit to JMF
 - NCFR Journal Statistics
 - Responsibilities and Rights of Authors
 - Submission Checklist for Authors
 - Submission Guidelines
 - Manuscript Preparation
 - JMF Style Guide
 - JMF Brief Reports
 - Proofreaders Marks
 - Format for JMF Tables
 - JMF Copyright Agreement

- » JMF Reviewers
- » JMF Editorial Board and staff
- » Advertise in JMF

Family Relations:
Interdisciplinary Journal of
Applied Family Studies

Journal of Family Theory &
Review

Submit to JMF

Submit Manuscripts at:

<http://mc.manuscriptcentral.com/jmf>

Share this!

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Check Manuscript Status at:

<http://mc.manuscriptcentral.com/jmf>

Author Resources

- » NCFR Journal Statistics
- » Responsibilities and Rights of Authors
- » Submission Checklist for Authors
- » Submission Guidelines
- » Manuscript Preparation
- » JMF Style Guide
- » JMF Brief Reports
- » Proofreaders Marks
- » **Format for JMF Tables**
- » JMF Copyright Agreement

Table 1

Summary of Logistic Regression Analysis for Variables Predicting Decisions to Divorce by Tenth Year of Marriage for Mothers (n = 889) and Fathers (n = 989), Controlling for Background Variables

Predictor	Mother			Father		
	B	SE B	OR	B	SE B	OR
Mother						
Uninvolved style	.58**	.13	1.79			
Permissive style	-.10	.08	0.90	-.45**	.11	.64
Authoritarian style	.34**	.07	1.40	.58**	.18	1.79
Satisfaction with parenting role	.10*	.04	1.11	.05*	.02	1.05
Father						
Uninvolved style	.31**	.09	1.36	.25**	.09	1.28
Permissive style	-.22**	.07	0.80	.10	.07	1.10
Authoritarian style	.56**	.07	1.75	-.10*	.04	.90
Satisfaction with parenting role	.18**	.06	1.20	.20**	.06	1.22
Constant	-1.05			-1.21		
χ^2			264.15			129.25
			9			9
			26.5			25.6

Description of Variables (Mean, Standard Deviation, Range, and Alpha)

Correlations

Logistic Regression

Ordinary Least Squares Regression

Structural Equation Models

Confirmatory Factor Analysis

Exploratory Factor Analysis

Growth Curves for Distinguishable Partners

Multinomial Analysis

0
ation, income, and race (omitted from the table). OR = Odds Ratio. Parenting style
permissive, authoritarian) coded as 1 for *yes* and 0 for *no*. Satisfaction with parenting role
dissatisfied to 5 for *very satisfied*. Authoritative parenting style of both mother and father
y.
 $p < .001$.

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What all tables should have...

- Title
- Reference
 - e.g. Table 1a., Table 13...
- Notes
 - Meaning of significant results (*)
 - Sample details when appropriate
- Be consistent!!!
 - With period/without period in title
 - Font
 - Names of variables, etc.
 - Decimal alignment

What all tables should **NOT** have...

- Vertical lines
- Bold or italic lettering in the body
 - Only acceptable for titles
- Decimal places
 - Usually only require two numbers, but **always check!!**
 - Include the 0

Example of a good table

Table 2. Random Effects Models of Pooled Time Series Analysis Predicting Parenting Anxiety (N = 3,345 person data)

	Model 1		Model 2		Model 3		Model 4		Model 5	
	b	SE	b	SE	b	SE	b	SE	b	SE
Education ^a										
< High school	.062	.062	.041	.062	.062	.062	.064	.062	.042	.062
Some college	-.119	.041**	-.119	.042**	-.116	.041**	-.120	.041**	-.116	.042**
College degree	-.243	.048***	-.246	.049***	-.234	.048***	-.239	.048***	-.235	.049***
Advanced degree	-.338	.054***	-.342	.056***	-.318	.055***	-.329	.055***	-.319	.057***
Resources										
Nonemployed ^a			.089	.027***					.086	.027***
Part-time employed ^a			.031	.027					.030	.027
Income-to-needs ratio			.001	.005					.002	.005
Cohabiting ^a			-.002	.048					-.002	.049
Single ^a			.021	.040					.023	.040
Progressive parenting values					-.010	.004*			-.010	.004*
Work commitment							-.003	.003	-.001	.003
Child's characteristics										
Girl	-.043	.029	-.042	.029	-.044	.029	-.043	.029	-.044	.029
Number of children	.031	.013*	.025	.013	.029	.013*	.029	.013*	.023	.013
Child's health	-.002	.013	-.006	.013	-.002	.013	-.002	.013	-.006	.013
Temperament	.145	.037***	.137	.037***	.142	.037**	.145	.037***	.134	.037***
Mother's characteristics										
Age	-.007	.003*	-.007	.003*	-.007	.003*	-.008	.003*	-.007	.003*
Black ^a	-.005	.049	-.007	.051	-.022	.049	.005	.050	-.019	.052
Hispanic or other ^a	.135	.074	.145	.074*	.125	.074	.139	.074	.137	.074
Depression	.012	.001***	.012	.001***	.012	.001***	.012	.001***	.012	.001***
15 months ^a	-.047	.019**	-.047	.018*	-.047	.019**	-.047	.019*	-.047	.019*
24 months ^a	-.085	.018***	-.083	.018***	-.085	.018***	-.085	.018***	-.082	.018***
Intercept	1.965	.162***	1.958	.163***	2.305	.214***	2.025	.172***	2.314	.220***
R ²		.146***		.148***		.149***		.147***		.151***

^aOmitted reference categories are high school diploma, employed full-time, married, White, and 36 months.

*p < .05. **p < .01. ***p < .001.

Source: Nomaguchi, Kei M. and Susan L. Brown. 2011. "Parental Strains and Rewards Among Mothers: The Role of Education." *Journal of Marriage and Family* 73:621-636.

THANK YOU!!!

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