Stata での表の LaTex 出力の方法

1. データの読み込みと表の作成

. sysuse nlsw88.dta

(NLSW, 1988 extract)

. table industry collgrad

. table industry collgrad

	Colleg	ge graduate	
	Not college grad	College grad	Total
Industry			
Ag/Forestry/Fisheries	14	3	17
Mining	4		4
Construction	26	3	29
Manufacturing	334	33	367
Transport/Comm/Utility	79	11	90
Wholesale/Retail trade	295	38	333
Finance/Ins/Real estate	164	28	192
Business/Repair svc	69	17	86
Personal services	94	3	97
Entertainment/Rec svc	12	5	17
Professional services	479	345	824
Public administration	133	43	176
Total	1,703	529	2,232

2. テーブル・ビルダーの起動

Statistics > Summaries, tables, and tests > Tables and collections > Build and style table

	Statistics User Window	Help	5 🔊 🕸 🔰	b ⊦	liragana	•	,	(:	Q
	Summaries, tables, and tests	>	Summary and descriptive statistics	>	Q~ Se	arch			
	Linear models and related	>	Table of descriptive statistics		<			Sear	ch Help
	Binary outcomes	>	Tables of frequencies, summaries, and command results						
	Ordinal outcomes	>	Table of estimation results				C	2	
Ls	Categorical outcomes	>	Tables and collections	>	Build an	d styl	e table		
3	Count outcomes	>	Frequency tables	>	Collect	rooult	•		
źι	Fractional outcomes	>	Other tables	>	Croate		5 tion		
	Generalized linear models	>	Classical tasts of hypotheses		Sot our	cont co			
-	Choice models	>	Nonparametric tests of hypotheses		Switch			tion	
	Time contra		Distributional glate and tests		Duran	Junen		tion	
	lime series	>	Distributional plots and tests	>	Drop or	кеер	collectio	ons	

3. テーブル・ビルダーで縦線を消す。

•••		Т	ables Builder			
Collection: Table	0	Rows				
Dimensions	Levels	industry ~				
College graduate (collgrad)	column-header	+				
Industry (industry) Result (result)	corner					
Command results index (c	row-header	Columns				
Statistic/command option		collgrad 🛩				
Table cell type (cell_type)		+				
Table border block (border						
		Tables				
		result ~				
		+				
Label and style dialogs						
Show/hide he	eader content	Preview				Export
Cell appear	ance styles	-	College gradua	te		
Intercep	t position		Not college grad College	grad	Total	
Show/bide.co	efficient styles	Industry	14	2	17	
	incient styles	Ag/Forestry/Fisheries	4	3	4	
Automatic dir	nension levels	Construction	26	3	29	
Add tags	s to items	Manufacturing	334	33	367	
Recode dim	ension levels	Transport/Comm/Utilit	y 79 295	11	90 333	
Rema	n tags	Finance/Ins/Real estate	164	28	192	
Kenia	h 1932	Business/Repair svc	69	17	86	
			04	2	07	
Add tags Recode dim Rema	ension levels	Manutacturing Transport/Comm/Utilit Wholesale/Retail trade Finance/Ins/Real estate Business/Repair svc	y 79 295 164 69	33 11 38 28 17	367 90 333 192 86	

Main Borders D		pearance styles	
Main Borders D			
	nagonais Fonts Shading	Margins Alignments	Formats
One style for all sides			
Separate style for eac	h side		
Top border			
Width:	Pattern:	Color:	
	Default	Default	0
Right border			
Width:	Pattern:	Color:	
	nil	Default	٥
Bottom border			
Width:	Pattern:	Color:	
	Default	Default	\bigcirc
Left border			
Width:	Pattern:	Color:	
	Default	Default	©

4. タイトルをつける

• • •			Tables	Builder			
Collection: Table	0		Rows				
Dimensions	Levels		industry ~				
College graduate (collgrad)	column-header	+					
Result (result)	item						
Command results index (c	row-header		Columns				
Statistic/command option			collgrad ~				
Command option index (c		+					
Table border block (border							
			Tablaa				
			Tables				
			result Y				
		+					
Label and style dialogs							
Edit dimer	ision labels	Previe	v				Export
Edit lev	el labels			College gra	duate		
Construct sig	nificance stars		Not	college grad Colle	ege grad	Total	
oblistidet sig		Indus	try				
Manage com	posite results	Ag/	Forestry/Fisheries	14	3	17	
Custom	table title	Min	ing	4	2	4	
		Con	struction	26	3	29	
lable ti	le styles	Tra	uracturing	554 79	55 11	307	
Table	notes	Whe	blesale/Retail trade	295	38	333	
Table no	tes styles	Fina	nce/Ins/Real estate	164	28	192	
		Bus	iness/Repair svc	69	17	86	
? C 🗈		Pers	onal services	94	3	97	
		Ent	rtainmant/Dag aug	12	5	17	

「産業ごとの学歴 \label{industry}」というように、LaTex で参照できるよう、\label{}をつけておく。

collect title - Custom table title							
Collection:							
Add custom title:							
産業ごとの学歴 \label{industry}							
Clear current custom title							
? C E	ubmit Cancel OK						

5. 表のラベルを変えてみる。

• • •			Tal	oles Builder			
Collection: Table	0		Rows				
Dimensions	Levels	_	industry ~				
College graduate (collgrad) Industry (industry) Result (result) Command results index (c Statistic/command option index (c Table cell type (cell_type) Table border block (border	column-header corner item row-header	+	Columns collgrad ~ Tables result ~				
		+					
Label and style dialogs							
Edit dimer	ision labels	Preview	v				Export
Edit lev	el labels	産業	ごとの学歴 in	ndustry}			
Construct sig	nificance stars			Caller	1		
Manage com	posite results			Not college grad			
Quetern	table title	Indus	try				
Custom		Ag/l	Forestry/Fisheries	14	3	17	
Table tit	le styles	Min	ing	4		4	
Tabla		Con	struction	26	3	29	
Table	notes	Man	ufacturing	334	33	367	
Table no	tes styles	Tran	sport/Comm/Utility	79	11	90	
		Who	blesale/Retail trade	295	38	333	
? C 🖻		Fina	nce/Ins/Real estate	164	28	192	
変数名の表示	変更						

collect label dim - Edit dimension labels								
Dimension:	Collection:							
College graduate 💌	Table 📀							
Label:								
学歴								
? С 🖻	Submit Cancel OK							

6. 変数の値のラベルの変更

•••			Tables B	uilder			
Collection: Table	0		Rows				
Dimensions 学歴 (collgrad) Industry (industry) Result (result) Command results index (c Statistic/command option Command option index (c Table cell type (cell_type) Table border block (border	Levels column-header corner item row-header	+	industry Columns Collgrad Tables Tables				
Label and style dialogs		+					
Edit lov		Previe	w)			Export
		座美	ことの字歴 Vabel{industr	y}			
Manage com	posite results		Not c	学歴 ollege grad Colle	ge grad	Total	
Custom	table title	Indus	stry Forestry/Ficherics	14	2	17	
Table tit	le styles	Min	ing	4	3	4	
Table	notes	Con	struction	26 224	3	29	
Table no	tes styles	Tra	nsport/Comm/Utility	534 79	55 11	90	
? C		Who Fina	olesale/Retail trade ance/Ins/Real estate	295 164	38 28	333 192	

collect label levels - Edit level labels

	Main	Options
Dimension: 学歴 (collgrad) V Number of level labels: 3 ⓒ		Collection: Table
Level:		Label:
1: 0	~	非大卒
2: 1	~	大卒
3: .m	~	合計
? C		Submit Cancel OK

7. LaTex 形式の表を出力する

•••			Table	es Build	ler		
Collection: Table	0		Rows				
Dimensions 学歴 (collgrad) Industry (industry) Result (result) Command results index (c Statistic/command option Command option index (c Table cell type (cell_type) Table border block (border	Levels column-header corner item row-header	+	industry ~ Columns collgrad ~ Tables result ~				
Label and style dialogs	•						
Edit dimer	ision labels	Previe	w				Export
Edit lev	el labels	産業	ごとの学歴 ind	lustry}			
Construct sig	nificance stars			2	学歴		
Manage com	posite results		目	 大卒 :	大卒	合計	
Custom	table title	Indu	stry Forestry/Fisheries	14	2	17	
Table ti	tle styles	Ag/ Mir	ing	4	3	4	
Table	notes	Cor	struction	26	3	29	
Table no	tes styles	Tra	nsport/Comm/Utility	534 79	55 11	367 90	
? C		Wh Fina	olesale/Retail trade ance/Ins/Real estate	295 164	38 28	333 192	

8. LaTeX 形式の論文の一部に挿入する場合は、「Export the table for inclusion in another document」にチェックを入れる。

collect export - Export tables to a	docum	ent
File type:	Collecti	on:
LaTeX Files (*.tex)	Table	0
Filename:		
industry		Export to
Append to existing file		
Second the table for inclusion in another document	t	
? C E Submit Ca	ncel	ОК

9. コードを do-file に保存。

sysuse nlsw88.dta

table industry collgrad

collect style cell, border(right, pattern(nil))

collect title "産業ごとの学歴 \label{industry}"

collect label dim collgrad "学歴", modify

collect label levels collgrad 0 "非大卒" 1 "大卒" .m "合計", modify

collect export "industry", as(tex) replace

History	Results			
Command _rc	Construction	26	3	29
361 sveuse plsw88 dta	Manufacturing	334	33	367
362 table industry co	Transport/Comm/Utility	79	11	90
363 collect style cell	Wholesale/Retail trade	295	38	333
264 collect title "æ	Finance/Ins/Real estate	164	28	192
265 collect label dim	Business/Repair svc	69	17	86
365 collect label level	Personal services	94	3	97
207 collect aber level	Entertainment/Rec svc	12	5	17
367 collect export "In	Professional services	479	345	824
	Public administration	133	43	176
	Iotal	1,703	529	2,232
	. collect title "産業ごとの学歴 \label{industry}" . collect label dim collgrad "学歴", modify . collect label levels collgrad 0 "非大卒" 1 "大卒" .m "合計", modify . collect export "industry", as(tex) replace (collection Table exported to file industry.tex)			