

IBM SPSS Custom Tables 25

IBM

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自訂表格

SPSS® Statistics Standard Edition

表格建置器介面

表格建置器介面

建立表格



1.

變數清單。

類別。

(0 = 1 =)

()
名義 序數

尺度。
\$52,398

\$19,797

\$72,195

疊












3

堆



多重回應集

61

1.

	數值型(N)	字串	日期	時間(M)
()				
(O)				
(M)				

2.

多重回應集類型	圖示
	
	

種類 尺度

名義 序數

種類。

1

2

數值標籤

0

1

構圖窗格。

- 一般型

/

- 精簡

-

-

-

-

-

12,000

12,000

CTABLES

若要建立表格

1.

分析 > 表格 > 自訂表格...

2.

/

3.

確定

4.

5.

Delete

6.

7.

類別 尺度

堆疊變數

1.

2.

3.

變數(B)	類別	摘要統計資料
1	1	123
	2	456
2	1	123
	2	456
	3	789

23

巢狀變數

1.

2.

4.

變數 1	變數 2	摘要統計資料
1	1	12
	2	34
	3	56
2	1	12
	2	34
	3	56

24

階層

1.

層

2.

- 將各類別顯示為層
- 將各類別組合顯示為層

27

顯示及隱藏變數名稱和/或標記

- -
 -
 -
- /

- 1.
2. 顯示變數標籤 顯示變數名稱

摘要統計資料

- -
 -
 -
- 測量層級
 - 變數選取順序
 - 巢狀

1. 來源

- 1.
2. 摘要統計量

- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

套用到選擇

全部套用

全部套用 套用到選擇

類別變數的摘要統計量：

9

計數。

-
-

資料 > 加權觀察值

未加權個數。

調整後個數。

直欄百分比。

100%

列百分比。

100%

階層列和階層直欄百分比。

100% 100%

階層百分比。

100%

表格百分比。

100%

子表格百分比。

100%

信賴區間

-
-

"&[Confidence Level]"

-
-

層級 0 100

多重回應集

堆疊表格

100%

百分比基礎：

簡單百分比。 100%

總個數百分比。

100%

有效個數百分比

多重回應集的摘要統計量：

行/列/層應答者百分比。

直欄/列/層回應 % (基礎：計數)。

直欄/列/層計數 % (基礎：回應)。

層行/列應答者百分比。

層直欄/列回應 % (基礎：計數)。

層直欄/列回應 % (基礎：回應)。

回應值。

子表格/表格應答者百分比。

子表格/表格回應 % (基礎：計數)。

子表格/表格計數 (基礎：回應)。

尺度變數與種類自訂總計的摘要統計資料：

平均數。

中位數。 50

眾數。 (Tie)

最小值。

最大值。

遺漏值。

百分位數。 5 25 75 95 / 99

範圍。

標準差。 68% 95%
 45 10 95%
 25 65

總和。

總和百分比。

總計 N。

調整後總計 N。 N
 N N

有效 N。

調整後有效 N。 N
 N N

變異。

信賴區間

-
- "&[Confidence Level]"
-
-

層級 0 100

堆疊表格

類別變數的自訂總和摘要統計量：

1.

分析 > 表格 > 自訂表格...

2.

3.

種類與總計

4.

總和

套用

5.

摘要統計資料

6.

自訂總和與小計摘要統計量

5.

變數(B)	類別	計數	平均數
1	1	196	2.29
	2	936	
	3	744	
		1876	

7.

列

摘要統計量顯示格式：

nnnn。

nnnn%。

自動填滿。

N=nnnn。 N=

(nnnn)。

(nnnn) (負數值)。

(nnnn%)。

n,nnn.n

n.nnn,n

\$n,nnn.n

CCA、CCB、CCC、CCD、CCE。

•

•

Windows

• /

Windows

類別和總計

•

•

•

•

•

•

•

•

•

1.

2.

種類與總計

3.

類別與總和

4. Ctrl

5.

6.

選取所有 [維度] 變數

1.

2.

3.

1.

2.

3.

1.

2.

1.

2. 新增小計...

3.

4.

5.

繼續

隱藏表格中小計的類別

1.

總和

•

之下

•

之上

/

6

遺漏值。

使用者遺漏值

99

系統遺漏值

空白類別。

掃描資料時，發現其他數值。

已計算的類別

-
-
-
-

-
-
-
-

1. 新增類別...

2. 計算類別的標記

3. /
500

4. 隱藏表格中表示式使用的類別

5. 顯示格式

6. 繼續

計算的類別顯示格式：

1. 9

2.

包含共用種類的變數的表格 (Comperimeter 表格)

--

6.

變數(B)	種類 1	種類 2	種類 3
1	12	34	56
2	56	12	34
3	34	56	12

37

自訂表格建置器

1.

2.

3.

自訂表格：選項標籤

資料儲存格外觀

空的資料格

0

255

無法計算的統計量

255

(.)

資料直欄寬度

表格格式集設定：

自訂

尺度變數的遺漏值

增加可用資料的使用至最大極限 (逐變數刪除)(M)

跨尺度變數使用一致的觀察值基礎 (完全刪除) (O)

有效基礎

-
-
-
-

0

計算多類別集合的重複回應值

隱藏小的計數

-
-
-

<N

N

2

加權和捨入

- 資料 > 加權觀察值
- 使用有效基礎加權變數
-

自訂表格：標題標籤

標題。

標題。

角落。

巢狀

日期。 Windows

時間。 Windows

表格表示式。

- +
- >
- **BY**

自訂表格：檢定統計資料標籤

直欄平均數與直欄比例檢定

比較直欄平均數

比較直欄比例(P)

識別顯著性差異

在不同表格中(S)

顯示顯著性值

在主要表格中

-
-

選取 > 選取含此顯著性索引鍵的所有資料格

使用 APA 樣式下標

APA

選取含相似顯著性索引鍵的資料格

顯著性層級(S)

- 0 1
-

- 使用 APA 樣式下標

調整 p 值以進行多重比較

Bonferroni

(FWER) **Benjamini-Hochberg**

(FDR)

Bonferroni

獨立性檢定 (卡方)(T)

使用小計代替小計類別(U)

測試中包含多重回應變數(I)

類別變數的簡單表格












類別變數的簡單表格

類別變數

名義 序數

- .
- .

7.

	數值型(N)	字串	日期	時間(M)
()				
(O)				
(M)				

數值標籤

1

survey_sample.sav

單一類別變數

1.

分析 > 表格 > 自訂表格...

2.

3. 確定

		Count
Age category	Less than 25	242
	25 to 34	627
	35 to 44	679
	45 to 54	481
	55 to 64	320
	65 or older	479

2.

4. ()

5. 隱藏

6. 確定

		Count
Age category	Less than 25	242
	25 to 34	627
	35 to 44	679
	45 to 54	481
	55 to 64	320
	65 or older	479

3.

百分比

1. ()

2. 隱藏

3. 摘要統計資料

4. 直欄個數 %

5.

6. 套用到選擇 確定

		Count	Percent
Age category	Less than 25	242	8.6%
	25 to 34	627	22.2%
	35 to 44	679	24.0%
	45 to 54	481	17.0%
	55 to 64	320	11.3%
	65 or older	479	16.9%

4.

總和

1. ()
2. 種類與總計
3. 總和
4. 套用 確定

		Count	Percent
Age category	Less than 25	242	8.6%
	25 to 34	627	22.2%
	35 to 44	679	24.0%
	45 to 54	481	17.0%
	55 to 64	320	11.3%
	65 or older	479	16.9%
	Total	2828	100.0%

5.

28

交叉列表

- 1.
2. 重設
- 3.
- 4.
5. 確定

		Gender	
		Male	Female
		Count	Count
Age category	Less than 25	108	134
	25 to 34	276	351
	35 to 44	309	370
	45 to 54	221	260
	55 to 64	136	184
	65 or older	178	301

6.

交叉表列中的百分比

1. ()
- 2.

摘要統計資料

5

- 3. 摘要統計資料
- 4. 直欄個數 %
- 5. 列個數 %
- 6. 套用到選擇 確定

		Gender					
		Male			Female		
		Count	Column N %	Row N %	Count	Column N %	Row N %
Age category	Less than 25	108	8.8%	44.6%	134	8.4%	55.4%
	25 to 34	276	22.5%	44.0%	351	21.9%	56.0%
	35 to 44	309	25.2%	45.5%	370	23.1%	54.5%
	45 to 54	221	18.0%	45.9%	260	16.3%	54.1%
	55 to 64	136	11.1%	42.5%	184	11.5%	57.5%
	65 or older	178	14.5%	37.2%	301	18.8%	62.8%

7.

控制顯示格式

- 1.
- 2.
- 3. 直欄個數 % 列個數 % nnnn.n
- 4. 確定

		Gender					
		Male			Female		
		Count	Column N %	Row N %	Count	Column N %	Row N %
Age category	Less than 25	108	8.79	44.63	134	8.38	55.37
	25 to 34	276	22.48	44.02	351	21.94	55.98
	35 to 44	309	25.16	45.51	370	23.13	54.49
	45 to 54	221	18.00	45.95	260	16.25	54.05
	55 to 64	136	11.07	42.50	184	11.50	57.50
	65 or older	178	14.50	37.16	301	18.81	62.84

8.

邊際總和

邊際總和--

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

重設

種類與總計
 套用
 種類與總計
 套用
 隱藏

確定

		Gender		
		Male	Female	Total
Age category	Less than 25	108	134	242
	25 to 34	276	351	627
	35 to 44	309	370	679
	45 to 54	221	260	481
	55 to 64	136	184	320
	65 or older	178	301	479
	Total	1228	1600	2828

9.

排序與排除類別

1 2 3... 25 25 34 35 44 ...

-
-
-
-

- 1.
- 2.
- 3.
- 4.

種類與總計

遞減

5. 標記

25

6. 25

7.

8.

1. 25

2.

3. 65

4.

5. 套用 確定

		Gender		
		Male	Female	Total
Age category	55 to 64	136	184	320
	45 to 54	221	260	481
	35 to 44	309	370	679
	25 to 34	276	351	627
	Total	942	1165	2107

10.

28

類別變數的堆疊、巢狀與階層

survey_sample.sav

堆疊類別變數

1.

分析 > 表格 > 自訂表格...

2.

3.

4. 確定

		Count
Gender	Male	1232
	Female	1600
Age category	Less than 25	242
	25 to 34	627
	35 to 44	679
	45 to 54	481
	55 to 64	320
	65 or older	479

11.

以交叉表列堆疊

1.

2.

3.

4. 確定

		Get news from internet	
		No	Yes
		Count	Count
Gender	Male	873	359
	Female	1092	508
Age category	Less than 25	146	96
	25 to 34	368	259
	35 to 44	435	244
	45 to 54	346	135
	55 to 64	252	68
	65 or older	416	63

12.

...

-
-

巢狀類別變數

- 1.
2. **重設**
- 3.
- 4.
- 5.
- 6.
7. **確定**

				Count
Gender	Male	Age category	Less than 25	108
			25 to 34	276
			35 to 44	309
			45 to 54	221
			55 to 64	136
			65 or older	178
	Female	Age category	Less than 25	134
			25 to 34	351
			35 to 44	370
			45 to 54	260
			55 to 64	184
			65 or older	301

13.

不列出變數標籤

- 1.
2. **顯示變數標籤**
- 3.
4. **確定**

		Count
Male	Less than 25	108
	25 to 34	276
	35 to 44	309
	45 to 54	221
	55 to 64	136
	65 or older	178
Female	Less than 25	134
	25 to 34	351
	35 to 44	370
	45 to 54	260
	55 to 64	184
	65 or older	301

14.

5.

6. 標題

7.

8. 表格表示式 &[]

9. 確定

Gender > Age category

		Count
Male	Less than 25	108
	25 to 34	276
	35 to 44	309
	45 to 54	221
	55 to 64	136
	65 or older	178
Female	Less than 25	134
	25 to 34	351
	35 to 44	370
	45 to 54	260
	55 to 64	184
	65 or older	301

15.

(>)

巢狀交叉表列

1.

2.

3.

/ /

• 精簡

4. 確定

				Get news from internet	
				No	Yes
				Count	Count
Gender	Male	Age category	Less than 25	59	49
			25 to 34	159	117
			35 to 44	217	92
			45 to 54	169	52
			55 to 64	112	24
			65 or older	155	23
			65 or older	155	23
	Female	Age category	Less than 25	87	47
			25 to 34	209	142
			35 to 44	218	152
			45 to 54	177	83
			55 to 64	140	44
			65 or older	261	40
			65 or older	261	40

16.

將列和行對調：

1.

2.

交換列和欄變數

3. 隱藏

4.

顯示變數標籤

5. 確定

		Male						Female					
		Age category						Age category					
		Less than 25	25 to 34	35 to 44	45 to 54	55 to 64	65 or older	Less than 25	25 to 34	35 to 44	45 to 54	55 to 64	65 or older
Get news from internet	No	59	159	217	169	112	155	87	209	218	177	140	261
	Yes	49	117	92	52	24	23	47	142	152	83	44	40

17.

階層

1.

2. 重設
- 3.
4. 階層
- 5.

6. 確定

Gender Male

		Count
Age category	Less than 25	108
	25 to 34	276
	35 to 44	309
	45 to 54	221
	55 to 64	136
	65 or older	178

18.

- 7.
- 8.
- 9.

10.

Gender Female

		Count
Age category	Less than 25	134
	25 to 34	351
	35 to 44	370
	45 to 54	260
	55 to 64	184
	65 or older	301

19.

兩個堆疊類別層變數

- 1.
- 2.
- 3.

將各類別顯示為階層

4. 確定

- 5.
- 6.

兩個巢狀類別層變數

- 1.
- 2.
3. 將各類別組合顯示為階層
4. 確定
- 5.
- 6.

$$5 \times 2 = 10$$

列印階層表格：

- 1.
2. 格式 > 表格內容...
3. 列印
4. 列印所有階層

類別變數的總和與小計

survey_sample.sav

簡單的單一變數總和

1. 分析 > 表格 > 自訂表格...
- 2.
3. 摘要統計資料
4. 直欄個數 %

2. 種類與總計
3. 在所套用類別之上
4. 套用 確定

		Count	Percent
Age category	Total	2107	100.0%
	25 to 34	627	29.8%
	35 to 44	679	32.2%
	45 to 54	481	22.8%
	55 to 64	320	15.2%

22.

巢狀表格的總和

- 1.
- 2.
3. 種類與總計
4. 在所套用類別之下
5. 套用
6. 確定

				Count	Percent
Gender	Male	Age category	25 to 34	276	29.3%
			35 to 44	309	32.8%
			45 to 54	221	23.5%
			55 to 64	136	14.4%
			Total	942	100.0%
	Female	Age category	25 to 34	351	30.1%
			35 to 44	370	31.8%
			45 to 54	260	22.3%
			55 to 64	184	15.8%
			Total	1165	100.0%

23.

1. ()
2. 種類與總計

- 3. 總和
- 4. 套用 確定

				Count	Percent
Gender	Male	Age category	25 to 34	276	29.3%
			35 to 44	309	32.8%
			45 to 54	221	23.5%
			55 to 64	136	14.4%
			Total	942	100.0%
	Female	Age category	25 to 34	351	30.1%
			35 to 44	370	31.8%
			45 to 54	260	22.3%
			55 to 64	184	15.8%
			Total	1165	100.0%
Total	Age category	25 to 34	627	29.8%	
		35 to 44	679	32.2%	
		45 to 54	481	22.8%	
		55 to 64	320	15.2%	
		Total	2107	100.0%	

24.

2,107 2,828

階層變數總和

- 1.
- 2. 階層
- 3.
- 4. 確定
- 5.
- 6.

在所套用類別之上

小計

45 45

- 1.
- 2. 重設
- 3.
- 4. 種類與總計

- 5. **3.00**
- 6. 新增小計
- 7. < 45
- 8. 繼續

- 9. **6.00**
- 10. 新增小計
- 11. 45+
- 12. 繼續

在所套用種類之上 在所

套用種類之下

- 13. 套用 確定

		Count
Age category	Less than 25	242
	25 to 34	627
	35 to 44	679
	Subtotal < 45	1548
	45 to 54	481
	55 to 64	320
	65 or older	479
	Subtotal 45+	1280

25.

所見即所得小計

- 1.
- 2. 種類與總計
1.00...3.00 1 3
- 3. **1.00** 25
- 4. **2.00...3.00**

隱藏小計類別

- 1.
- 2. 重設

- 3.
4. 種類與總計
5. 3.00
6. 新增小計
7. 45
8. () 隱藏表格中小計的類別
9. 繼續
10. 6.00
11. 新增小計
12. 45
13. 隱藏小計類別
14. 繼續
15. 總和
16. 套用
17. 確定

		Count
Age category	Less than 45	1548
	45 or older	1280
Total		2828

26.

階層變數小計

類別變數的計算類別

survey_sample.sav

簡單的計算類別

1.

分析 > 表格 > 自訂表格...

- 2.
3. 種類與總計
4. 3.00
5. 新增類別
6. 45
7. 少於 25 (1.00)
8. [1] (+) (+)
9. 25 到 34 (2.00)
10. (+) (+)
11. 35 到 44 (3.00)
12. 繼續
13. 5.00
14. 新增小計
15. 65
16. 繼續
17. 套用 確定

		Count
Age category	Less than 25	242
	25 to 34	627
	35 to 44	679
Less than 45	45 to 54	1548
	55 to 64	481
	Less than 65	320
Less than 65		2349
65 or older		479

27.

(45) (65)

在計算類別中隱藏類別

1.

分析 > 表格 > 自訂表格...

2.

種類與總計

3.

45

4. 編輯
5. 隱藏表格中表示式使用的類別
6. 繼續
7. 65
8. 編輯
9. 隱藏表格中小計的類別
10. 繼續
11. 套用 確定

		Count
Age category	Less than 45	1548
	Less than 65	2349
	65 or older	479

28.

參照計算類別中的小計

1. 分析 > 表格 > 自訂表格...
2. 重設
- 3.
- 4.
5. 種類與總計
6. 2
7. 新增小計
- 8.
9. 隱藏表格中小計的類別
10. 繼續
11. 8
12. 新增小計
- 13.
14. 隱藏小計類別
15. 繼續
- 16.
17. 新增類別

18. /
 19. 工作 (工作編號 1)
 20. (/) (/)
 21. 未工作 (未工作編號 2)

22.
 23. 2
 24. 繼續
 25. 套用 確定

		Marital status				
		Married	Widowed	Divorced	Separated	Never married
		Count	Count	Count	Count	Count
Labor force status	Working	916	64	330	67	494
	Not Working	429	219	116	26	169
	Working / Not Working	2.14	.29	2.84	2.58	2.92

29.

使用計算類別顯示列舉式小計

1.
 分析 > 表格 > 自訂表格...
 2. 重設
 3.
 4. 和 類別與總
 5. 3
 6. 新增類別
 7.
 8. 極度不拘 (1)
 9. (+) (+)
 10. 不拘 (2)

11. (+) (+)
12. 稍微不拘 (3)
13. 繼續
14. 7
15. 新增類別
- 16.
17. 稍微保守 (5)
18. (+) (+)
19. 保守 (6)
20. (+) (+)
21. 極度保守 (7)
22. 繼續
23. 套用 確定

		Count
Think of self as liberal or conservative	Extremely liberal	64
	Liberal	357
	Slightly liberal	351
	Liberal Subtotal	772
	Moderate	986
	Slightly conservative	432
	Conservative	415
	Extremely conservative	86
	Conservative Subtotal	933

30.

包含共用類別變數的表格

1 = 2 = 3 =

--

	A great deal	Only some	Hardly any
Confidence in banks & financial institutions	490	1068	306
Confidence in education	511	1055	315
Confidence in major companies	500	1078	243
Confidence in medicine	844	864	167
Confidence in press	176	878	808
Confidence in television	196	936	744

31.

survey_sample.sav

個數表

1.

分析 > 表格 > 自訂表格...

2.

...

Shift

3.

x 3 = 18 --

6

4.

列標籤放入行

5.

隱藏

6.

確定

	A great deal	Only some	Hardly any
Confidence in banks & financial institutions	490	1068	306
Confidence in education	511	1055	315
Confidence in major companies	500	1078	243
Confidence in medicine	844	864	167
Confidence in press	176	878	808
Confidence in television	196	936	744

32.

百分比表格

- 1.
- 2.
- 3.
- 4.

摘要統計資料

列個數 %

5. 全部套用

套用到選擇

全部套用

6. 確定

	A great deal	Only some	Hardly any
Confidence in banks & financial institutions	26.3%	57.3%	16.4%
Confidence in education	27.2%	56.1%	16.7%
Confidence in major companies	27.5%	59.2%	13.3%
Confidence in medicine	45.0%	46.1%	8.9%
Confidence in press	9.5%	47.2%	43.4%
Confidence in television	10.4%	49.9%	39.7%

33.

總和與類別控制

- 1.
2. 種類與總計
3. 總和 套用
4. 選取所有列變數 Ctrl
5. 類別與總和
6. 總和 套用
7. 列標籤放入行
8. 確定

	A great deal	Only some	Hardly any	Total
Confidence in banks & financial institutions	26.3%	57.3%	16.4%	100.0%
Confidence in education	27.2%	56.1%	16.7%	100.0%
Confidence in major companies	27.5%	59.2%	13.3%	100.0%
Confidence in medicine	45.0%	46.1%	8.9%	100.0%
Confidence in press	9.5%	47.2%	43.4%	100.0%
Confidence in television	10.4%	49.9%	39.7%	100.0%

34.

嵌入包含共用類別表格的巢狀結構中

- 1.
- 2.
- 3.

摘要統計資料

摘要統計量

51

-
-
-
-
-

-
-
-
-
-
-
-
-

5

survey_sample.sav

摘要統計量來源變數

- 測量層級
- 變數選取順序
- 巢狀

類別變數的摘要統計量來源

- 1.
- 2.
3. 分析 > 表格 > 自訂表格...
摘要統計資料 (
4. %
5. 套用到選擇
- 6.
7. 摘要統計資料
8. 摘要統計量
- 9.
10. 摘要統計資料

尺度變數的摘要統計量來源

1. N %
- 2.
3. 摘要統計資料
4. 格式
nnnn
5. 2
6. 套用到選擇
7. 確定

		Hours per day watching TV	
		Get news from internet	
		No	Yes
		Mean	Mean
Age category	Less than 25	3.54	2.12
	25 to 34	3.42	2.14
	35 to 44	3.00	2.01
	45 to 54	2.83	2.06
	55 to 64	3.24	2.37
	65 or older	3.82	2.33

35.

堆疊變數

- 1.
2. **重設**
3. **Shift**
- 4.
- 5.
6. **摘要統計資料**
7. **%**
8. **套用到選擇**
9. **摘要統計資料**
10. **%**
11. **全部套用**

類別變數的自訂總和摘要統計量

- 1.
2. **重設**

- 3. Ctrl
- 4.
- 5. 選取所有列變數
- 6. 種類與總計
- 7. 總和 套用 /
- 8. 摘要統計資料
- 9.
- 10. N %
- 11. 自訂總和與小計摘要統計量
- 12.
- 13.
- 14. 格式 nnnn
- 15. 2
- 16. 全部套用
- 17. 列
- 18. 確定

Confidence in press	A great deal	Column N %	9.5%
	Only some	Column N %	47.2%
	Hardly any	Column N %	43.4%
	Total	Mean	2.34
Confidence in television	A great deal	Column N %	10.4%
	Only some	Column N %	49.9%
	Hardly any	Column N %	39.7%
	Total	Mean	2.29

36.

顯示類別數值

2.34

1.

編輯 > 選項...

2.

輸出標記

3.

標記中的變數值顯示為

數值與標記

4.

確定

5.

確定

Confidence in press	1 A great deal	Column N %	9.5%
	2 Only some	Column N %	47.2%
	3 Hardly any	Column N %	43.4%
	Total	Mean	2.34
Confidence in television	1 A great deal	Column N %	10.4%
	2 Only some	Column N %	49.9%
	3 Hardly any	Column N %	39.7%
	Total	Mean	2.29

37.

2.34

6.

編輯 > 選項...

7.

輸出標記

8.

標記中的變數值顯示為

標記

9.

確定

摘要尺度變數

摘要尺度變數

-
-
-
-
-
-
-
-

堆疊尺度變數

1.

分析 > 表格 > 自訂表格...

2.

Ctrl

Ctrl

3.

4.

確定

	Mean
Age of respondent	46
Highest year of school completed	13
Hours per day watching TV	3

38.

多重摘要統計

1.

2.

資料

摘要統計

3.

4.

格式

nnnn

5.

1

6.

7.

全部套用

8.

確定

	Mean	Median
Age of respondent	45.6	42.0
Highest year of school completed	13.3	13.0
Hours per day watching TV	2.9	2.0

39.

個數、有效的觀察個數以及遺漏值

1.

2.

計資料

摘要統

3.

個數

4.

有效的觀察值個數

5.

全部套用

6.

確定

	Mean	Median	Count	Valid N
Age of respondent	45.6	42.0	2832	2828
Highest year of school completed	13.3	13.0	2832	2820
Hours per day watching TV	2.9	2.0	2832	2337

40.

2,832

遺漏值 --

99

7.

8.

計資料

摘要統

9.

有效的觀察值個數

10.

個數

11.

遺漏值

12.

全部套用

13.

確定

	Mean	Median	Missing
Age of respondent	45.6	42.0	4
Highest year of school completed	13.3	13.0	12
Hours per day watching TV	2.9	2.0	495

41.

不同變數的不同摘要

1.

2.

Ctrl

3.

摘要統計資料

4.

遺漏值

5.

套用到選擇

6.

確定

	Mean	Median	Missing
Age of respondent	45.6	42.0	
Highest year of school completed	13.3	13.0	
Hours per day watching TV	2.9	2.0	495

42.

7.

8.

列

9.

確定

Age of respondent	Mean	45.6
	Median	42.0
Highest year of school completed	Mean	13.3
	Median	13.0
Hours per day watching TV	Mean	2.9
	Median	2.0
	Missing	495

43.

以類別分組摘要

- 1.
- 2.

摘要統計資料

3. 確定

		Gender	
		Male	Female
Age of respondent	Mean	44.6	46.3
	Median	42.0	43.0
Highest year of school completed	Mean	13.4	13.2
	Median	13.0	13.0
Hours per day watching TV	Mean	2.8	2.9
	Median	2.0	2.0
	Missing	213	282

44.

--

多重分組變數

/

- 1.
- 2.

3. 確定

				Gender	
				Male	Female
Get news from internet	No	Age of respondent	Mean	47.0	48.8
			Median	45.0	46.0
		Highest year of school completed	Mean	13.4	13.1
			Median	13.0	12.0
		Hours per day watching TV	Mean	3.2	3.4
			Median	2.0	3.0
	Yes	Age of respondent	Mean	38.7	41.1
			Median	35.0	38.0
		Highest year of school completed	Mean	13.2	13.3
			Median	13.0	13.0
		Hours per day watching TV	Mean	2.1	2.1
			Median	2.0	2.0
			Missing	0	0

45.

將類別變數嵌入尺度變數巢狀結構之中

- 1.
2. Ctrl
- 3.
4. 確定

				Gender	
				Male	Female
Age of respondent	Get news from internet	No	Mean	47.0	48.8
			Median	45.0	46.0
		Yes	Mean	38.7	41.1
			Median	35.0	38.0
Highest year of school completed	Get news from internet	No	Mean	13.4	13.1
			Median	13.0	12.0
		Yes	Mean	13.2	13.3
			Median	13.0	13.0
Hours per day watching TV	Get news from internet	No	Mean	3.2	3.4
			Median	2.0	3.0
			Missing	213	282
		Yes	Mean	2.1	2.1
			Median	2.0	2.0
Missing	0	0			

46.

信賴區間

1. 分析 > 表格 > 自訂表格...
- 2.
3. 摘要統計量...
4. 統計量
5. 顯示 統計量 計數 CL % CL
6. % 信賴區間 層次 (%) 99
7. 套用到選擇 關閉
8. 確定

		Count	Column N %	99.0% Lower CL for Column N %	99.0% Upper CL for Column N %	Standard Error of Column N %
Highest degree	LT High school	430	15.2%	13.6%	17.0%	0.7%
	High school	1500	53.2%	50.7%	55.6%	0.9%
	Junior college	209	7.4%	6.2%	8.7%	0.5%
	Bachelor	478	16.9%	15.2%	18.8%	0.7%
	Graduate	205	7.3%	6.1%	8.6%	0.5%

47.

9. 摘要統計量...
10. (&[Confidence Level]) "&[Confidence Level]"
11. 套用到選擇 關閉
12. 確定

		Count	Column N %	Lower Confidence Limit (99.0%)	99.0% Upper CL for Column N %	Standard Error of Column N %
Highest degree	LT High school	430	15.2%	13.6%	17.0%	0.7%
	High school	1500	53.2%	50.7%	55.6%	0.9%
	Junior college	209	7.4%	6.2%	8.7%	0.5%
	Bachelor	478	16.9%	15.2%	18.8%	0.7%
	Graduate	205	7.3%	6.1%	8.6%	0.5%

48.

檢定統計資料

檢定統計資料

22

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獨立性檢定 (卡方統計量)

1. 分析 > 表格 > 自訂表格...
- 2.
- 3.

4. 列
5. 摘要統計
6. 直欄個數 %
7. 套用到選擇
8. 檢定統計量
9. 獨立性檢定 (卡方統計量)
10. 確定

			Marital status				
			Married	Widowed	Divorced	Separated	Never married
Labor force status	Working full time	Count	778	44	295	58	392
		Column %	57.8%	15.5%	66.1%	62.4%	59.1%
	Working part-time	Count	138	20	35	9	102
		Column %	10.3%	7.1%	7.8%	9.7%	15.4%
	Temporarily not working	Count	23	2	9	1	11
		Column %	1.7%	.7%	2.0%	1.1%	1.7%
	Unemployed, laid off	Count	13	3	10	0	32
		Column %	1.0%	1.1%	2.2%	.0%	4.8%
	Retired	Count	168	150	53	6	17
		Column %	12.5%	53.0%	11.9%	6.5%	2.6%
	School	Count	9	1	7	2	60
		Column %	.7%	.4%	1.6%	2.2%	9.0%
	Keeping house	Count	200	55	25	13	35
		Column %	14.9%	19.4%	5.6%	14.0%	5.3%
	Other	Count	16	8	12	4	14
		Column %	1.2%	2.8%	2.7%	4.3%	2.1%

49.

100%

		Marital status
Labor force status	Chi-square	729.242
	df	28
	Sig.	.000*

*. The Chi-square statistic is significant at the 0.05 level.

50. (Pearson)

--

--

28 729.242 729.242
 alpha 0.05

獨立性檢定的巢狀和堆疊效應

1. ()
- 2.
3. 確定

		Gender	
		Male	Female
		Marital status	Marital status
Labor force status	Chi-square	246.637	542.589
	df	28	28
	Sig.	.000 ^{a,1,2}	.000 ^{a,1,2}

*. The Chi-square statistic is significant at the 0.05 level.

1. More than 20% of cells in this sub-table have expected cell counts less than 5.
2. The minimum expected cell count in this sub-table is less than one.

51. (Pearson)

--

20%

5

1

4. ()
- 5.
6. 確定

		Gender	
		Male	Female
		Marital status	Marital status
Labor force status	Chi-square	246.637	542.589
	df	28	28
	Sig.	.000 ^{a,1,2}	.000 ^{a,1,2}
Highest degree	Chi-square	43.844	105.506
	df	16	16
	Sig.	.000 ^a	.000 ^a

*. The Chi-square statistic is significant at the 0.05 level.

1. More than 20% of cells in this sub-table have expected cell counts less than 5.
2. The minimum expected cell count in this sub-table is less than one.

52. (Pearson)

比較直欄平均數

1. 分析 > 表格 > 自訂表格...
2. 重設
- 3.
- 4.
- 5.
6. nnnn
7. 2
8. 套用到選擇
- 9.
10. 比較直欄平均數 (t 檢定)
11. 確定

摘要統計

nnnn.nn

檢定統計量

	Get news from newspapers	
	No	Yes
	Mean	Mean
Hours per day watching TV	2.92	2.74

53.

0.18

	Get news from newspapers	
	No	Yes
	(A)	(B)
Hours per day watching TV		

54.

A

B

t

APA

APA

1. 在使用 **APA** 樣式下標的主表格中
2. 確定 APA

	Get news from newspapers	
	No	Yes
	Mean	Mean
Hours per day watching TV	2.92 _a	2.74 _a

55. APA

t

直欄平均數檢定的巢狀和堆疊效應

1. ()
- 2.
3. 確定

			Get news from newspapers	
			No	Yes
			(A)	(B)
Labor force status	Working full time	Hours per day watching TV	B	
	Working part-time	Hours per day watching TV		
	Temporarily not working	Hours per day watching TV		
	Unemployed, laid off	Hours per day watching TV		
	Retired	Hours per day watching TV		
	School	Hours per day watching TV		
	Keeping house	Hours per day watching TV		
	Other	Hours per day watching TV		

56.

B

A

Bonferroni 法調整。

alpha

Bonferroni

Bonferroni

- 4. ()
- 5.
- 6. 確定

			Get news from internet		Get news from newspapers	
			No	Yes	No	Yes
			(A)	(B)	(A)	(B)
Labor force status	Working full time	Hours per day watching TV	B		B	
	Working part-time	Hours per day watching TV	B			
	Temporarily not working	Hours per day watching TV				
	Unemployed, laid off	Hours per day watching TV	B			
	Retired	Hours per day watching TV	B			
	School	Hours per day watching TV	B			
	Keeping house	Hours per day watching TV	B			
	Other	Hours per day watching TV	B			

57.

14

--
Bonferroni

A

B

A

B

比較直欄比例

1.

分析 > 表格 > 自訂表格...

2. 重設

3.

4.

5.

摘要統計

'''

0 1

將顯著性結果合併至主要表格

1. 在主要表格中
2. 確定

		Marital status				
		Married	Widowed	Divorced	Separated	Never married
		(a)	(b)	(c)	(d)	(e)
		Column N %	Column N %	Column N %	Column N %	Column N %
Labor force status	Working full time	57.8% b	15.5%	66.1% a b	62.4% b	59.1% b
	Working part-time	10.3%	7.1%	7.8%	9.7%	15.4% a b c
	Temporarily not working	1.7%	0.7%	2.0%	1.1%	1.7%
	Unemployed, laid off	1.0%	1.1%	2.2%	0.0% ¹	4.8% a b
	Retired	12.5% e	53.0% a c d e	11.9% e	6.5%	2.6%
	School	0.7%	0.4%	1.6%	2.2%	9.0% a b c
	Keeping house	14.9% c e	19.4% c e	5.6%	14.0% c e	5.3%
	Other	1.2%	2.8%	2.7%	4.3%	2.1%

60.

- 3.
4. "(a)"

		Marital status				
		Married	Widowed	Divorced	Separated	Never married
		(a)	(b)	(c)	(d)	(e)
		Column N %	Column N %	Column N %	Column N %	Column N %
Labor force status	Working full time	57.8% b	15.5%	66.1% a b	62.4% b	59.1% b
	Working part-time	10.3%	7.1%	7.8%	9.7%	15.4% a b c
	Temporarily not working	1.7%	0.7%	2.0%	1.1%	1.7%
	Unemployed, laid off	1.0%	1.1%	2.2%	0.0% ¹	4.8% a b
	Retired	12.5% e	53.0% a c d e	11.9% e	6.5%	2.6%
	School	0.7%	0.4%	1.6%	2.2%	9.0% a b c
	Keeping house	14.9% c e	19.4% c e	5.6%	14.0% c e	5.3%
	Other	1.2%	2.8%	2.7%	4.3%	2.1%

61.

5. 的所有資料格

選取 > 選取含此顯著性索引鍵

		Marital status				
		Married	Widowed	Divorced	Separated	Never married
		(a)	(b)	(c)	(d)	(e)
		Column N %	Column N %	Column N %	Column N %	Column N %
Labor force status	Working full time	57.8% b	15.5%	66.1% a b	62.4% b	59.1% b
	Working part-time	10.3%	7.1%	7.8%	9.7%	15.4% a b c
	Temporarily not working	1.7%	0.7%	2.0%	1.1%	1.7%
	Unemployed, laid off	1.0%	1.1%	2.2%	0.0% ¹	4.8% a b
	Retired	12.5% e	53.0% a c d e	11.9% e	6.5%	2.6%
	School	0.7%	0.4%	1.6%	2.2%	9.0% a b c
	Keeping house	14.9% c e	19.4% c e	5.6%	14.0% c e	5.3%
	Other	1.2%	2.8%	2.7%	4.3%	2.1%

62.

直欄比例檢定的巢狀和堆疊效應

1. ()
- 2.
3. 確定

				Marital status				
				Married	Widowed	Divorced	Separated	Never married
				(A)	(B)	(C)	(D)	(E)
Gender	Male	Labor force status	Working full time	B		B	B	B
			Working part-time					A
			Temporarily not working					
			Unemployed, laid off					A
			Retired	E	A C D E	E		
			School					A C
			Keeping house					
	Female	Labor force status	Working full time	B		A B	B	B
			Working part-time	B				B
			Temporarily not working					
			Unemployed, laid off					A
			Retired	E	A C D E	E		
			School					A B C
			Keeping house	C E	C E		C	
		Other						

63.

14

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- 0
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4. ()
- 5.
6. 確定

				Marital status				
				Married	Widowed	Divorced	Separated	Never married
				(A)	(B)	(C)	(D)	(E)
Gender	Male	Labor force status	Working full time	B	.	B	B	B
			Working part-time		.			A
			Temporarily not working		.			
			Unemployed, laid off		.			A
			Retired	E	A C D E	E		
			School		.			A C
			Keeping house		.			
	Female	Labor force status	Other		.		A	
			Working full time	B		A B	B	B
			Working part-time	B				B
			Temporarily not working		.			
			Unemployed, laid off		.			A
			Retired	E	A C D E	E		
			School		.			A B C
Highest degree		Keeping house	C E	C E		C		
		Other		.				
		LT High school		A C E				
		High school		.				
		Junior college	B		B		B	
		Bachelor	B				B	
		Graduate	B					

64.

19

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14

- 14
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加權與多重回應集的注意事項

多重回應集

多重回應集

tistics

/

IBM SPSS Statistics

survey_sample.sav

個數、回應值、百分比與總和

1.

分析 > 表格 > 自訂表格...

2.

\$mltnews



65.

3.

種類與總計

4.

總和

套用

5.

摘要統計資料

6.

直欄個數 %

7.

套用到選擇

確定

		Count	Column N %
News sources	Get news from internet	867	41.7%
	Get news from radio	551	26.5%
	Get news from television	1077	51.8%
	Get news from news magazines	294	14.1%
	Get news from newspapers	805	38.7%
	Total	2081	100.0%

66.

		Count	Column N %	Responses	Column Responses %	Column Responses % (Base: Count)
News sources	Get news from internet	867	41.7%	867	24.1%	41.7%
	Get news from radio	551	26.5%	551	15.3%	26.5%
	Get news from television	1077	51.8%	1077	30.0%	51.8%
	Get news from news magazines	294	14.1%	294	8.2%	14.1%
	Get news from newspapers	805	38.7%	805	22.4%	38.7%
	Total	2081	100.0%	3594	100.0%	172.7%

68.

配合其他變數使用多重回應集

- 1.
- 2.
- 3.
- 4.

顯示變數標籤

5. **確定**

		Count	Column N %	Responses	Column Responses %	Column Responses % (Base: Count)
Male	Get news from internet	359	40.1%	359	23.3%	40.1%
	Get news from radio	233	26.0%	233	15.1%	26.0%
	Get news from television	451	50.3%	451	29.3%	50.3%
	Get news from news magazines	121	13.5%	121	7.9%	13.5%
	Get news from newspapers	375	41.9%	375	24.4%	41.9%
	Total	896	100.0%	1539	100.0%	171.8%
Female	Get news from internet	508	42.9%	508	24.7%	42.9%
	Get news from radio	318	26.8%	318	15.5%	26.8%
	Get news from television	626	52.8%	626	30.5%	52.8%
	Get news from news magazines	173	14.6%	173	8.4%	14.6%
	Get news from newspapers	430	36.3%	430	20.9%	36.3%
	Total	1185	100.0%	2055	100.0%	173.4%

69.

統計來源變數與可用摘要統計

- 1.
- 2.

多類別集合與重複回應值

- 1.
2. 重設
- 3.



70.

4. 與總計 種類
5. 總和 套用
6. 摘要統計資料
7. 回應值
8. 套用到選擇 確定

		Count	Responses
Car maker, most recent cars	American	1938	1938
	Japanese	1327	1327
	Korean	695	695
	German	693	693
	Swedish	360	360
	Other	343	343
	Total	2832	5356

71.

- 9.

- 10. 選項
- 11. 計算多類別集合的重複回應值
- 12. 確定

		Count	Responses
Car maker, most recent cars	American	1938	2797
	Japanese	1327	1717
	Korean	695	760
	German	693	754
	Swedish	360	383
	Other	343	359
	Total	2832	6770

72.

多重回應集的顯著性檢定

- z
- 「計算」多類別集合的重複回應值
t 14

多重回應集的獨立性檢定

- 1.
- 2. 重設
- 3. \$mltnews
- 4.
- 5. 檢定統計量
- 6. 獨立性檢定 (卡方統計量)
- 7. 在檢定中包括多重回應集變數
- 8. 確定

		News sources
Gender	Chi-square	10.266
	df	5
	Sig.	.068

73.

0.068
0.05

- 系統界定的遺漏值。

missing_values.sav

1 10

不含遺漏值的表格

1.

分析 > 表格 > 自訂表格...

2.

3.

種類與總計

4.

總和

套用

5.

摘要統計資

料

6.

直欄個數 %

7.

套用到選擇

8.

確定

		Count	Column N %
Variable with missing values	Low	2	28.6%
	Medium	3	42.9%
	High	2	28.6%
	Total	7	100.0%

75.

$3/7 = 0.429$ 42.9%

非遺漏

在表格中包括遺漏值

1.

2.

種類與總計

3.

遺漏值

套用

4. 料

5. 自訂總和與小計的摘要統計量

6. 有效個數

7. 總個數

8. 套用到選擇 確定

		Count	Column N %	Valid N	Total N
Variable with missing values	Low	2	22.2%		
	Medium	3	33.3%		
	High	2	22.2%		
	Don't know	1	11.1%		
	Not applicable	1	11.1%		
	Total	9	100.0%	7	10

76.

9 7

(7)

10

1

9.

10.

摘要統計資料

11.

直欄有效個數 N%

12. 直欄總個數 N%

13.

14.

套用到選擇 確定

		Count	Column N %	Column Valid N %	Column Total N %	Valid N	Total N
Variable with missing values	Low	2	22.2%	28.6%	20.0%		
	Medium	3	33.3%	42.9%	30.0%		
	High	2	22.2%	28.6%	20.0%		
	Don't know	1	11.1%	.0%	10.0%		
	Not applicable	1	11.1%	.0%	10.0%		
	Total	9	100.0%	100.0%	100.0%	7	10

77.

• N%

• %

- % 90% 10 (10%)

格式化和自訂表格

格式化和自訂表格

-
-
-

survey_sample.sav

摘要統計量顯示格式

1. 分析 > 表格 > 自訂表格...
- 2.
- 3.
4. 選取所有列變數
5. 種類與總計
6. 總和 套用
7. 摘要統計資料
8. 直欄 N%
9. 自訂總和與小計的摘要統計量
10. 直欄 %
11. 平均數
12. 全部套用

- nnnn –
- nnnn.n% –
-

agecat

contv

13. 摘要統計資料

14. nnnn

15. 1

16. 全部套用

1 6 –

顯示摘要統計量的標記

- 1.
2. 重設
- 3.
- 4.
5. 摘要統計量
6. 直欄 N%
7. %
8. N%
9. N% nnnn.n
10. 套用到選擇
11. 確定

		How get paid last week											
		Hourly wage		Daily wage		Weekly wage		Monthly salary		Annual salary		Other pay rate	
		N	%	N	%	N	%	N	%	N	%	N	%
Age category	Less than 25	91	14.0	None	None	12	9.7	3	2.0	7	3.1	14	7.7
	25 to 34	175	26.9	5	29.4	33	26.6	37	24.8	63	28.0	31	17.1
	35 to 44	185	28.5	5	29.4	42	33.9	45	30.2	66	29.3	61	33.7
	45 to 54	124	19.1	5	29.4	25	20.2	38	25.5	58	25.8	41	22.7
	55 to 64	52	8.0	None	None	10	8.1	23	15.4	29	12.9	19	10.5
	65 or older	23	3.5	2	11.8	2	1.6	3	2.0	2	.9	15	8.3

80.

0

顯示遺漏統計量的值

(.)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

有效個數

套用到選擇

選項

確定

摘要統計量

		Hours per day watching TV											
		How get paid last week											
		Hourly wage		Daily wage		Weekly wage		Monthly salary		Annual salary		Other pay rate	
		Mean	Valid N	Mean	Valid N	Mean	Valid N	Mean	Valid N	Mean	Valid N	Mean	Valid N
Age category	Less than 25	3	71	NA	None	3	10	2	3	2	6	2	8
	25 to 34	3	134	5	2	2	30	2	29	2	52	2	22
	35 to 44	3	136	2	5	3	30	2	34	2	47	3	46
	45 to 54	2	90	2	4	2	22	2	36	2	45	2	34
	55 to 64	3	40	NA	None	3	7	2	15	2	23	3	15
	65 or older	3	18	2	2	1	1	NA	0	1	2	3	11

81.

N

N

0

範例檔案

說明

- **accidents.sav** ◦
- **adl.sav** ◦
- **advert.sav** ◦
- **afatoxin.sav** ◦

8	16	(PPB)
---	----	-------
- **anorectic.sav** ◦

/	1	55	16
	220		47
71		76	
217			
- **bankloan.sav** ◦

700	150	850
-----	-----	-----
- **bankloan_binning.sav** ◦

500		
-----	--	--
- **behavior.sav** ◦

2	52	15	15
10	0 =	9 =	
- **behavior_ini.sav** ◦

<i>behavior.sav</i>

- **brakes.sav** ◦

16	322	8
----	-----	---
- **breakfast.sav** ◦

3	21	Wharton	MBA	15
1 =	15 =			
- **breakfast-overall.sav** ◦
- **broadband_1.sav** ◦

85

- **broadband_2.sav** ◦

<i>broadband_1.sav</i>

1. Van der Ham, T., J. J. Meulman, D. C. Van Strien, and H. Van Engeland. 1997. Empirically based subgrouping of eating disorders in adolescents: A longitudinal perspective. *British Journal of Psychiatry*, 170, 363-368.

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3. Green, P. E., and V. Rao. 1972. *Applied multidimensional scaling*. Hinsdale, Ill.: Dryden Press.

- **car_insurance_claims.sav** ◦ 4

- **car_sales.sav** ◦
 edmunds.com
- **car_sales_upprepared.sav** ◦ *car_sales.sav*
- **carpet.sav** ◦ 5

- K2R Glory Bissell
 22

- **carpet_prefs.sav** ◦ *carpet.sav* 10
 22
 ID *carpet_plan.sav* PREF1 PREF22
- **catalog.sav** ◦
- **catalog_seasfac.sav** ◦ *catalog.sav*

- **cellular.sav** ◦
 0 100 50
- **ceramics.sav** ◦

- **cereal.sav** ◦ 880

- **clothing_defects.sav** ◦

- **coffee.sav** ◦ 6 23
 AA BB CC DD EE FF
- **contacts.sav** ◦

- **creditpromo.sav** ◦
 500

- **customer_dbase.sav** ◦

- **customer_information.sav** ◦
- **customer_subset.sav** ◦ 80 *customer_dbase.sav*
- **debate.sav** ◦

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- **debate_aggregate.sav** ◦ *debate.sav*

- **demo.sav** ◦

- **demo_cs_1.sav** ◦

- **demo_cs_2.sav** ◦

- **demo_cs.sav** ◦

- **diabetes_costs.sav** ◦

- **dietstudy.sav** ◦ Stillman ⁷ /100

- **dmdata.sav** ◦ *dmdata2.sav*

- **dvdplayer.sav** ◦ *dmdata3.sav* DVD

- **german_credit.sav** ◦ ⁸ (Irvine)

- **grocery_1month.sav** ◦ *grocery_coupons.sav*

- **grocery_coupons.sav** ◦ -

- **guttman.sav** ◦ Bell⁹ Guttman ¹⁰ 5 7 7

- **health_funding.sav** ◦ 10,000 100 10,000

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- **hivassay.sav** ◦ HIV 2,000
- **hourlywagedata.sav** ◦
- **insurance_claims.sav** ◦
- **insure.sav** ◦ 10
- **judges.sav** ◦ 300
- **kinship_dat.sav** ◦ Rosenberg Kim ¹¹ 15 / / / / /
- 15 x 15
- **kinship_ini.sav** ◦ *kinship_dat.sav*
- **kinship_var.sav** ◦ *kinship_dat.sav*
- **marketvalues.sav** ◦ (Algonquin, Ill.) 1999–2000
- **nhis2000_subset.sav** ◦ (NHIS) 2000 2000
- (NHIS) ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/2000/ 2003
- **ozone.sav** ◦ 330
- ¹² ¹³
- **pain_medication.sav** ◦
- **patient_los.sav** ◦ MI
- **patlos_sample.sav** ◦ MI
- **poll_cs.sav** ◦
- **poll_cs_sample.sav** ◦ *poll_cs.sav* *poll.csplan*

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- (PPS) (*poll_jointprob.sav*)
- **property_assess.sav** °
- **property_assess_cs.sav** °
- **property_assess_cs_sample.sav** ° *property_assess_cs.sav*
property_assess.csplan
- **recidivism.sav** °
- **recidivism_cs_sample.sav** ° 2003 6
recidivism_cs.csplan 2006 6
(PPS) (*recidivism_cs_jointprob.sav*)
- **rfm_transactions.sav** °
- **salesperformance.sav** °
- **satisf.sav** ° 4 582
- **screws.sav** ° 14
- **shampoo_ph.sav** ° pH 4.5 – 5.5
- **ships.sav** ° 15 Pois-
son
- **site.sav** °
- **smokers.sav** ° 1998
<http://dx.doi.org/10.3886/ICPSR02934>
- **stocks.sav**
- **stroke_clean.sav** ° Statistics Base Edition

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- **stroke_invalid.sav** ◦
- **stroke_survival** ◦

- **stroke_valid.sav** ◦

- **survey_sample.sav** ◦

1998 NORC

- **tcm_kpi.sav** ◦

- **tcm_kpi_upd.sav** ◦ *tcm_kpi.sav*
- **telco.sav** ◦

- **telco_extra.sav** ◦ *telco.sav*

- **telco_missing.sav** ◦ *telco.sav*
- **testmarket.sav** ◦

- **testmarket_1month.sav** ◦ *testmarket.sav*

- **tree_car.sav** ◦
- **tree_credit.sav** ◦
- **tree_missing_data.sav**
- **tree_score_car.sav** ◦
- **tree_textdata.sav** ◦

- **tv-survey.sav** ◦
906

- **ulcer_recurrence.sav** ◦
16

- **ulcer_recurrence_recoded.sav** ◦ *ulcer_recurrence.sav*
17

- **verd1985.sav** ◦
18 15 8
1 age marital 2 pet news 3 music live Pet
age

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- **virus.sav** ◦

- **wheeze_steubenville.sav** ◦

19

Steubenville 7 8 9 10

- **workprog.sav** ◦

- **worldsales.sav**

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注意事項

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(ii)

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