Statistics/Data Analysis

```
      name:  CopingScale
       log:  c:\users\ry\stats\stata\data\research\chwk\phase2\scales\coping\CSscale.s
> mcl
  log type:  smcl
 opened on:  13 Jun 2011, 23:08:51

1 . ************************************************************
2 . *   R. A. Yaffee 1/13/2010   Mental Health Scale Construction
3 . *  Coping Scale construction
4 . * Configuration for master data set
5 . ************************************************************
6 . display "{hline}"
```

```
7 . *  Summary of alpha reliability results
8 . *  coping scales      CSprbslv   for all: 0.8477
9 . *                                for males: 0.8469
10. *                                for females: 0.8552
11. *                     CSSocSpt   for all: 0.9045
12. *                                for males: 0.9055
13. *                                for females: 0.8996
14. *                     CSAvoid    for all: 0.6364
15. *                                for males: 0.6710
16. *                                for females: 0.5859
17. display "{hline}"
```

```
18.
19. display "     "


20. set more off

21. set linesize 120

22. set more off

23. set mem 6G
```

Current memory allocation

settable	current value	description	memory usage (1M = 1024k)
set maxvar	**5000**	max. variables allowed	1.947M
set memory	**6144M**	max. data space	6,144.000M
set matsize	**4000**	max. RHS vars in models	122.406M
			6,268.353M

```
24. set matsize 4000
```

Current memory allocation

settable	current value	description	memory usage (1M = 1024k)
set maxvar	**5000**	max. variables allowed	1.947M
set memory	**6144M**	max. data space	6,144.000M
set matsize	**4000**	max. RHS vars in models	122.406M
			6,268.353M

```
25. loc usr "‘c(user_name)’"

26. loc mymem ‘c(memory)’

27. loc ver ‘c(stata_version)’

28.
29. loc date ‘c(current_date)’

30. loc time ‘c(current_time)’

31. loc os ‘c(os)’

32. loc osd ‘c(osdtl)’

33. use Master1june132011, clear

34. loc fh "‘c(filename)’"

35. loc cwd ‘c(pwd)’

36. display "R. Yaffee is using ",‘mymem’," bytes of memory"
  R. Yaffee is using  6.442e+09  bytes of memory

37. display "Date: ‘date’ at ‘time’"
  Date: 13 Jun 2011 at 23:08:51

38. display " to run Stata ‘ver’ MP on ‘os’ ‘osd’ system "
   to run Stata 11.2 MP on Windows 64-bit system

39. display _newline "Datafile: ‘fh’ "

  Datafile: Master1june132011.dta

40. display _newline "Current Working directory: ‘cwd’ "

  Current Working directory: c:\users\ry\stats\stata\data\research\chwk\phase2\scales\co
  > ping

41. datasignature set
    703:1626(97066):2668622110:1182585148       (data signature set)

42. datasignature report
    (data signature set on Monday 13jun2011 23:08)

    Data signature summary

     1. previous data signature     703:1626(97066):2668622110:1182585148
     2. same data signature today   (same as 1)
     3. full data signature today   (same as 1)

    Comparison of current data with previously set data signature

        variables                  number  notes
        ---------------------------------------------------------------
        original # of variables     1,626  (values unchanged)
        added variables                 0
        dropped variables               0
        ---------------------------------------------------------------
        resulting # of variables    1,626
```

```
43. // describe
44. cap drop cs1-cs33

45. ********  instructions ************************************************
46. //  reconstruction of CS1-CS33 for simple subscale construction below.
47. //  subscales are defined according to item number and hence the need to
48. //  construct cs1-cs33.
49. di "{hline}"
```

```
50.
51. numlabel, add

52. local cslist csflfrnd-csplnact

53. local count 0

54. foreach var of varlist `cslist' {
    2. local count = `count' + 1
    3. gen cs`count' =`var'
    4. tab `var', missing
    5. stem `var'
    6. sum `var' if `var' < .
    7. }
```

let your feelings out to a friend?	Freq.	Percent	Cum.
1. not at all	**127**	**18.07**	**18.07**
2. a little	**288**	**40.97**	**59.03**
3. a lot	**288**	**40.97**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csflfrnd
(let your feelings out to a friend?)

```
  0* | 11111111111111111111111111111111111111111111111111111111111111111111111 ... (127)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222222 ... (288)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333333 ... (288)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csflfrnd	**703**	**2.229018**	**.7339236**	**1**	**3**

rearranged things around you so that your problem had the best chance of being s	Freq.	Percent	Cum.
0. not answered	**1**	**0.14**	**0.14**
1. not at all	**141**	**20.06**	**20.20**
2. a little	**284**	**40.40**	**60.60**
3. a lot	**277**	**39.40**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csrearr
(rearranged things around you so that your problem had the best chance of being s)

```
  0* | 0
  0* | 11111111111111111111111111111111111111111111111111111111111111111111111 ... (141)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222222 ... (284)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333333 ... (277)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csrearr	703	2.190612	.7515019	0	3

brainstormed all possible solutions before deciding what to do?	Freq.	Percent	Cum.
0. not answered	2	0.28	0.28
1. not at all	204	29.02	29.30
2. a little	256	36.42	65.72
3. a lot	241	34.28	100.00
Total	703	100.00	

Stem-and-leaf plot for csbrstrm
(brainstormed all possible solutions before deciding what to do?)

```
  0* | 00
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (204)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (256)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333 ... (241)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csbrstrm	703	2.046942	.8019305	0	3

tried to distract yourself from the problem?	Freq.	Percent	Cum.
0. not answered	1	0.14	0.14
1. not at all	366	52.06	52.20
2. a little	236	33.57	85.78
3. a lot	100	14.22	100.00
Total	703	100.00	

Stem-and-leaf plot for csdist (tried to distract yourself from the problem?)

```
  0* | 0
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (366)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (236)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333 ... (100)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csdist	703	1.618777	.7238628	0	3

accepted sympathy and understanding from someone?	Freq.	Percent	Cum.
0. not answered	2	0.28	0.28
1. not at all	144	20.48	20.77
2. a little	284	40.40	61.17
3. a lot	273	38.83	100.00
Total	703	100.00	

Stem-and-leaf plot for csaccsy (accepted sympathy and understanding from someone?)

```
  0* | 00
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (144)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (284)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333 ... (273)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csaccsy	703	2.177809	.7574641	0	3

(4 missing values generated)

did all you could to keep others from seeing how bad things really were?	Freq.	Percent	Cum.
1. not at all	356	50.64	50.64
2. a little	243	34.57	85.21
3. a lot	100	14.22	99.43
.	4	0.57	100.00
Total	703	100.00	

Stem-and-leaf plot for cskpothe
(did all you could to keep others from seeing how bad things really were?)

```
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (356)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (243)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (100)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cskpothe	699	1.633763	.7203979	1	3

talked to people about the situation because talking about it helped you to feel	Freq.	Percent	Cum.
0. not answered	1	0.14	0.14
1. not at all	131	18.63	18.78
2. a little	293	41.68	60.46
3. a lot	278	39.54	100.00
Total	703	100.00	

Stem-and-leaf plot for cstkpeop
(talked to people about the situation because talking about it helped you to feel)

```
  0* | 0
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (131)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (293)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (278)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cstkpeop	703	2.206259	.7387258	0	3

set some goals for yourself to deal with the situation?	Freq.	Percent	Cum.
1. not at all	75	10.67	10.67
2. a little	267	37.98	48.65
3. a lot	361	51.35	100.00
Total	703	100.00	

Stem-and-leaf plot for cssetgoa
(set some goals for yourself to deal with the situation?)

```
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (75)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (267)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (361)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cssetgoa	703	2.406828	.6747873	1	3

(4 missing values generated)

weighed your options very carefully?	Freq.	Percent	Cum.
0. not answered	1	0.14	0.14
1. not at all	68	9.67	9.82
2. a little	245	34.85	44.67
3. a lot	385	54.77	99.43
.	4	0.57	100.00
Total	703	100.00	

Stem-and-leaf plot for cswghopt (weighed your options very carefully?)

```
  0* | 0
  0* | 11111111111111111111111111111111111111111111111111111111111111111
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (245)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (385)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cswghopt	699	2.450644	.6718311	0	3

daydreamed about a better time?	Freq.	Percent	Cum.
0. not answered	4	0.57	0.57
1. not at all	163	23.19	23.76
2. a little	223	31.72	55.48
3. a lot	313	44.52	100.00
Total	703	100.00	

Stem-and-leaf plot for csddream (daydreamed about a better time?)

```
  0* | 0000
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (163)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (223)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (313)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csddream	703	2.201991	.8124014	0	3

tried different ways to solve the problem until you found one that worked?	Freq.	Percent	Cum.
0. not answered	4	0.57	0.57
1. not at all	108	15.36	15.93
2. a little	311	44.24	60.17
3. a lot	280	39.83	100.00
Total	703	100.00	

Stem-and-leaf plot for csdifsov
(tried different ways to solve the problem until you found one that worked?)

```
  0* | 0000
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (108)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (311)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333 ... (280)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csdifsov	703	2.233286	.7218024	0	3

confided your fears and worries to a friend or a relative?	Freq.	Percent	Cum.
1. not at all	130	18.49	18.49
2. a little	318	45.23	63.73
3. a lot	255	36.27	100.00
Total	703	100.00	

Stem-and-leaf plot for cscofear
(confided your fears and worries to a friend or a relative?)

```
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (130)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (318)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333 ... (255)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cscofear	703	2.177809	.7188684	1	3

spent more time than usual alone?	Freq.	Percent	Cum.
0. not answered	5	0.71	0.71
1. not at all	408	58.04	58.75
2. a little	185	26.32	85.06
3. a lot	105	14.94	100.00
Total	703	100.00	

Stem-and-leaf plot for csalone (spent more time than usual alone?)

```
  0* | 00000
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (408)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (185)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333 ... (105)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csalone	703	1.554765	.7488277	0	3

told people about the situation because just talking about it helped you to come	Freq.	Percent	Cum.
0. not answered	3	0.43	0.43
1. not at all	145	20.63	21.05
2. a little	318	45.23	66.29
3. a lot	237	33.71	100.00
Total	703	100.00	

Stem-and-leaf plot for cstldpep
(told people about the situation because just talking about it helped you to come)

```
  0* | 000
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (145)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (318)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (237)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cstldpep	**703**	**2.122333**	**.7390987**	**0**	**3**

thought about what needed to be done to straighten things out?	Freq.	Percent	Cum.
0. not answered	**1**	**0.14**	**0.14**
1. not at all	**33**	**4.69**	**4.84**
2. a little	**206**	**29.30**	**34.14**
3. a lot	**463**	**65.86**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csstngs
(thought about what needed to be done to straighten things out?)

```
  0* | 0
  0* | 11111111111111111111111111111111
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (206)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (463)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csstngs	**703**	**2.608819**	**.5840049**	**0**	**3**

turned your full attention to solving the problem?	Freq.	Percent	Cum.
1. not at all	**190**	**27.03**	**27.03**
2. a little	**244**	**34.71**	**61.74**
3. a lot	**269**	**38.26**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csflatt
(turned your full attention to solving the problem?)

```
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (190)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (244)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (269)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csflatt	**703**	**2.112376**	**.8007496**	**1**	**3**

formed a plan of action in your mind?	Freq.	Percent	Cum.
0. not answered	**3**	**0.43**	**0.43**
1. not at all	**86**	**12.23**	**12.66**
2. a little	**265**	**37.70**	**50.36**
3. a lot	**349**	**49.64**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csactpl (formed a plan of action in your mind?)

```
  0* | 000
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (86)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (265)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (349)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csactpl	703	2.365576	.7091656	0	3

watched television more than usual?	Freq.	Percent	Cum.
0. not answered	3	0.43	0.43
1. not at all	443	63.02	63.44
2. a little	166	23.61	87.06
3. a lot	91	12.94	100.00
Total	703	100.00	

Stem-and-leaf plot for cstv (watched television more than usual?)

```
  0* | 000
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (443)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (166)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (91)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cstv	703	1.490754	.7197755	0	3

went to someone (friend or professional) in order to help you feel better?	Freq.	Percent	Cum.
1. not at all	204	29.02	29.02
2. a little	277	39.40	68.42
3. a lot	222	31.58	100.00
Total	703	100.00	

Stem-and-leaf plot for csfrndpr
(went to someone (friend or professional) in order to help you feel better?)

```
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (204)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (277)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (222)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csfrndpr	703	2.025605	.7785763	1	3

(4 missing values generated)

stood firm and fought for what you wanted in the situation?	Freq.	Percent	Cum.
0. not answered	1	0.14	0.14
1. not at all	321	45.66	45.80
2. a little	239	34.00	79.80
3. a lot	138	19.63	99.43
.	4	0.57	100.00
Total	703	100.00	

Stem-and-leaf plot for csstndfr
(stood firm and fought for what you wanted in the situation?)

```
  0* | 0
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (321)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (239)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333 ... (138)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csstndfr	699	1.735336	.7701795	0	3

avoided being with people in general?	Freq.	Percent	Cum.
0. not answered	1	0.14	0.14
1. not at all	488	69.42	69.56
2. a little	175	24.89	94.45
3. a lot	39	5.55	100.00
Total	703	100.00	

Stem-and-leaf plot for csavdppl (avoided being with people in general?)

```
  0* | 0
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (488)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (175)
  0* | 33333333333333333333333333333333333333
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csavdppl	703	1.358464	.5867326	0	3

(4 missing values generated)

buried yourself in a hobby or sports activity to avoid the problem?	Freq.	Percent	Cum.
0. not answered	12	1.71	1.71
1. not at all	290	41.25	42.96
2. a little	254	36.13	79.09
3. a lot	143	20.34	99.43
.	4	0.57	100.00
Total	703	100.00	

Stem-and-leaf plot for cshbspor
(buried yourself in a hobby or sports activity to avoid the problem?)

```
  0* | 000000000000
  0* | 11111111111111111111111111111111111111111111111111111111111111111111 ... (290)
  0* | 22222222222222222222222222222222222222222222222222222222222222222222 ... (254)
  0* | 33333333333333333333333333333333333333333333333333333333333333333333 ... (143)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cshbspor	699	1.755365	.7932084	0	3

went to a friend to help you feel better about the problem?	Freq.	Percent	Cum.
1. not at all	147	20.91	20.91
2. a little	290	41.25	62.16
3. a lot	266	37.84	100.00
Total	703	100.00	

Stem-and-leaf plot for csfriend
(went to a friend to help you feel better about the problem?)

```
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (147)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (290)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (266)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csfriend	**703**	**2.169275**	**.7480805**	**1**	**3**

went to a friend for advice on how to change the situation?

	Freq.	Percent	Cum.
1. not at all	**132**	**18.78**	**18.78**
2. a little	**301**	**42.82**	**61.59**
3. a lot	**270**	**38.41**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csadvice
(went to a friend for advice on how to change the situation?)

```
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (132)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (301)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (270)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csadvice	**703**	**2.196302**	**.7307943**	**1**	**3**

accepted sympathy and understanding from friends who had the same problem?

	Freq.	Percent	Cum.
0. not answered	**1**	**0.14**	**0.14**
1. not at all	**135**	**19.20**	**19.35**
2. a little	**301**	**42.82**	**62.16**
3. a lot	**266**	**37.84**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csacsymp
(accepted sympathy and understanding from friends who had the same problem?)

```
  0* | 0
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (135)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (301)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (266)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csacsymp	**703**	**2.183499**	**.7370231**	**0**	**3**

slept more than usual?

	Freq.	Percent	Cum.
0. not answered	**1**	**0.14**	**0.14**
1. not at all	**455**	**64.72**	**64.86**
2. a little	**172**	**24.47**	**89.33**
3. a lot	**75**	**10.67**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for cssleep (slept more than usual?)

```
  0* | 0
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (455)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (172)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (75)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cssleep	703	1.456615	.6819057	0	3

fantasized about how things could have been different?	Freq.	Percent	Cum.
0. not answered	2	0.28	0.28
1. not at all	176	25.04	25.32
2. a little	231	32.86	58.18
3. a lot	294	41.82	100.00
Total	703	100.00	

Stem-and-leaf plot for csfantsy
(fantasized about how things could have been different?)

```
  0* | 00
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (176)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (231)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (294)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csfantsy	703	2.162162	.8090597	0	3

identified with characters in novels or movies?	Freq.	Percent	Cum.
0. not answered	2	0.28	0.28
1. not at all	467	66.43	66.71
2. a little	146	20.77	87.48
3. a lot	88	12.52	100.00
Total	703	100.00	

Stem-and-leaf plot for csidnovl (identified with characters in novels or movies?)

```
  0* | 00
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (467)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (146)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (88)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csidnovl	703	1.455192	.7104617	0	3

tried to solve the problem?	Freq.	Percent	Cum.
0. not answered	6	0.85	0.85
1. not at all	58	8.25	9.10
2. a little	188	26.74	35.85
3. a lot	451	64.15	100.00
Total	703	100.00	

Stem-and-leaf plot for cssolvpr (tried to solve the problem?)

```
  0* | 000000
  0* | 11111111111111111111111111111111111111111111111111111111111111
  0* | 22222222222222222222222222222222222222222222222222222222222222 ... (188)
  0* | 33333333333333333333333333333333333333333333333333333333333333 ... (451)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cssolvpr	**703**	**2.541963**	**.6819948**	**0**	**3**

wished that people would just leave you alone?	Freq.	Percent	Cum.
0. not answered	**3**	**0.43**	**0.43**
1. not at all	**307**	**43.67**	**44.10**
2. a little	**266**	**37.84**	**81.93**
3. a lot	**127**	**18.07**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for cslvbe (wished that people would just leave you alone?)

```
  0* | 000
  0* | 11111111111111111111111111111111111111111111111111111111111111 ... (307)
  0* | 22222222222222222222222222222222222222222222222222222222222222 ... (266)
  0* | 33333333333333333333333333333333333333333333333333333333333333 ... (127)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
cslvbe	**703**	**1.73542**	**.7518146**	**0**	**3**

accepted help from a friend or relative?	Freq.	Percent	Cum.
0. not answered	**2**	**0.28**	**0.28**
1. not at all	**80**	**11.38**	**11.66**
2. a little	**262**	**37.27**	**48.93**
3. a lot	**359**	**51.07**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csachelp (accepted help from a friend or relative?)

```
  0* | 00
  0* | 11111111111111111111111111111111111111111111111111111111111111 ... (80)
  0* | 22222222222222222222222222222222222222222222222222222222222222 ... (262)
  0* | 33333333333333333333333333333333333333333333333333333333333333 ... (359)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csachelp	**703**	**2.391181**	**.6953502**	**0**	**3**

sought reassurance from those who know you best?	Freq.	Percent	Cum.
0. not answered	**2**	**0.28**	**0.28**
1. not at all	**76**	**10.81**	**11.10**
2. a little	**285**	**40.54**	**51.64**
3. a lot	**340**	**48.36**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csreasur (sought reassurance from those who know you best?)

```
  0* | 00
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (76)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (285)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (340)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csreasur	**703**	**2.369844**	**.6833809**	**0**	**3**

tried to carefully plan a course of action rather than acting on impulse?	Freq.	Percent	Cum.
0. not answered	**3**	**0.43**	**0.43**
1. not at all	**84**	**11.95**	**12.38**
2. a little	**296**	**42.11**	**54.48**
3. a lot	**320**	**45.52**	**100.00**
Total	**703**	**100.00**	

Stem-and-leaf plot for csplnact
(tried to carefully plan a course of action rather than acting on impulse?)

```
  0* | 000
  0* | 11111111111111111111111111111111111111111111111111111111111111111 ... (84)
  0* | 22222222222222222222222222222222222222222222222222222222222222222 ... (296)
  0* | 33333333333333333333333333333333333333333333333333333333333333333 ... (320)
```

Variable	Obs	Mean	Std. Dev.	Min	Max
csplnact	**703**	**2.327169**	**.6967068**	**0**	**3**

```
55.
56. //  construction of female binary indicator variable
57. cap gen female = 1 if gender==2

58. cap replace female = 0 if gender==1

59. cap label var female  "Is respondent female?"

60. cap label def sx 0 "male" 1 "female"

61. cap label values female sx

62. order age gender female, before(educ)

63.
64.
65. dis "{hline}"
```

```
66. display "{hline}"
```

```
67. //  Construction of Problem solving coping subscale
68. //  alpha reliability analysis
69.
```

```
70. gen CSprbslv=cs2+cs3+cs8+cs9+cs11+cs15+cs16+cs17+cs20+cs29+cs33
  (4 missing values generated)

71. label var CSprbslv "Coping Problem Solving Subscale"

72. * Alpha reliability for Problem solving Coping Subscale for all respondents
73. alpha cs2 cs3 cs8 cs9 cs11 cs15 cs16 cs17 cs20 cs29 cs33, item detail

  Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs2	**703**	**+**	**0.7032**	**0.6134**	**.1656369**	**0.8279**
cs3	**703**	**+**	**0.7103**	**0.6150**	**.1627882**	**0.8275**
cs8	**703**	**+**	**0.7151**	**0.6382**	**.1682751**	**0.8267**
cs9	**699**	**+**	**0.6494**	**0.5598**	**.1734156**	**0.8329**
cs11	**703**	**+**	**0.5674**	**0.4563**	**.1777889**	**0.8408**
cs15	**703**	**+**	**0.4969**	**0.4007**	**.1869721**	**0.8441**
cs16	**703**	**+**	**0.6435**	**0.5330**	**.168687**	**0.8349**
cs17	**703**	**+**	**0.7372**	**0.6607**	**.1648753**	**0.8244**
cs20	**699**	**+**	**0.5220**	**0.3948**	**.1803056**	**0.8465**
cs29	**703**	**+**	**0.5358**	**0.4271**	**.1814634**	**0.8428**
cs33	**703**	**+**	**0.6457**	**0.5521**	**.1725322**	**0.8332**
Test scale					**.1729771**	**0.8477**

```
  Interitem covariances (obs=pairwise, see below)

         cs2     cs3     cs8     cs9    cs11    cs15    cs16    cs17    cs20    cs29
>   cs33
 cs2  0.5648
 cs3  0.3514  0.6431
 cs8  0.2300  0.2373  0.4553
 cs9  0.1999  0.2014  0.2464  0.4514
cs11  0.1549  0.1913  0.1870  0.1512  0.5210
cs15  0.1117  0.1010  0.1152  0.1239  0.0871  0.3411
cs16  0.2250  0.2725  0.1935  0.1489  0.1547  0.1010  0.6412
cs17  0.2579  0.2820  0.2300  0.1835  0.1596  0.1503  0.2836  0.5029
cs20  0.1704  0.1869  0.1449  0.1008  0.1334  0.0709  0.2295  0.1741  0.5932
cs29  0.1316  0.1497  0.1709  0.1880  0.1597  0.1368  0.0957  0.1449  0.0420  0.4651
cs33  0.2267  0.2140  0.1858  0.1659  0.1344  0.1025  0.2182  0.2278  0.1456  0.1287
> 0.4854

  Pairwise number of observations

       cs2   cs3   cs8   cs9  cs11  cs15  cs16  cs17  cs20  cs29  cs33
 cs2   703
 cs3   703   703
 cs8   703   703   703
 cs9   699   699   699   699
cs11   703   703   703   699   703
cs15   703   703   703   699   703   703
cs16   703   703   703   699   703   703   703
cs17   703   703   703   699   703   703   703   703
cs20   699   699   699   699   699   699   699   699   699
cs29   703   703   703   699   703   703   703   703   699   703
cs33   703   703   703   699   703   703   703   703   699   703   703
```

```
74. // for male respondents
75. alpha cs2 cs3 cs8 cs9 cs11 cs15 cs16 cs17 cs20 cs29 cs33 if female==0 , item detail

  Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs2	**340**	**+**	**0.7056**	**0.6168**	**.1591552**	**0.8267**
cs3	**340**	**+**	**0.7155**	**0.6214**	**.1559595**	**0.8259**
cs8	**340**	**+**	**0.6864**	**0.6083**	**.1652907**	**0.8287**
cs9	**338**	**+**	**0.6288**	**0.5420**	**.1699857**	**0.8338**
cs11	**340**	**+**	**0.5421**	**0.4225**	**.1722011**	**0.8430**
cs15	**340**	**+**	**0.5438**	**0.4525**	**.1766958**	**0.8399**
cs16	**340**	**+**	**0.6871**	**0.5863**	**.1584192**	**0.8290**
cs17	**340**	**+**	**0.7500**	**0.6739**	**.1564321**	**0.8219**
cs20	**338**	**+**	**0.5778**	**0.4526**	**.1679471**	**0.8416**
cs29	**340**	**+**	**0.4553**	**0.3401**	**.180735**	**0.8481**
cs33	**340**	**+**	**0.6313**	**0.5344**	**.1667158**	**0.8336**
Test scale					**.1663221**	**0.8469**

```
  Interitem covariances (obs=pairwise, see below)

         cs2      cs3      cs8      cs9     cs11     cs15     cs16     cs17     cs20     cs29
>   cs33
 cs2  0.5391
 cs3  0.3591   0.6219
 cs8  0.2248   0.2061   0.3978
 cs9  0.1767   0.1677   0.2039   0.3800
cs11  0.1461   0.1818   0.1206   0.1357   0.5401
cs15  0.1187   0.1189   0.1247   0.1221   0.0788   0.3326
cs16  0.2142   0.2587   0.1938   0.1642   0.1771   0.1207   0.6158
cs17  0.2685   0.2915   0.2307   0.1628   0.1580   0.1589   0.2987   0.5148
cs20  0.1727   0.2395   0.1476   0.0964   0.1812   0.1124   0.2689   0.1814   0.6276
cs29  0.0839   0.1030   0.1082   0.1314   0.0917   0.1440   0.0996   0.1174   0.0387   0.4242
cs33  0.2204   0.2026   0.1491   0.1367   0.1282   0.0978   0.2227   0.2396   0.1510   0.0972
> 0.4743

  Pairwise number of observations

       cs2   cs3   cs8   cs9  cs11  cs15  cs16  cs17  cs20  cs29  cs33
 cs2   340
 cs3   340   340
 cs8   340   340   340
 cs9   338   338   338   338
cs11   340   340   340   338   340
cs15   340   340   340   338   340   340
cs16   340   340   340   338   340   340   340
cs17   340   340   340   338   340   340   340   340
cs20   338   338   338   338   338   338   338   338   338
cs29   340   340   340   338   340   340   340   340   338   340
cs33   340   340   340   338   340   340   340   340   338   340   340

76. // for female respondents
77. alpha cs2 cs3 cs8 cs9 cs11 cs15 cs16 cs17 cs20 cs29 cs33 if female==1, item detail

  Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs2	**363**	**+**	**0.6980**	**0.6058**	**.1675072**	**0.8255**
cs3	**363**	**+**	**0.7003**	**0.6024**	**.1653681**	**0.8256**
cs8	**363**	**+**	**0.7339**	**0.6575**	**.1672126**	**0.8217**
cs9	**361**	**+**	**0.6584**	**0.5655**	**.1730552**	**0.8292**
cs11	**363**	**+**	**0.5892**	**0.4845**	**.1785404**	**0.8356**
cs15	**363**	**+**	**0.4597**	**0.3590**	**.1914173**	**0.8440**
cs16	**363**	**+**	**0.6003**	**0.4805**	**.1742577**	**0.8368**
cs17	**363**	**+**	**0.7288**	**0.6519**	**.1679158**	**0.8223**
cs20	**361**	**+**	**0.4623**	**0.3330**	**.1878377**	**0.8480**
cs29	**363**	**+**	**0.5972**	**0.4944**	**.1780199**	**0.8348**
cs33	**363**	**+**	**0.6567**	**0.5650**	**.173505**	**0.8293**
Test scale					**.174968**	**0.8452**

Interitem covariances (obs=pairwise, see below)

	cs2	cs3	cs8	cs9	cs11	cs15	cs16	cs17	cs20	cs29	cs33
cs2	**0.5852**										
cs3	**0.3377**	**0.6541**									
cs8	**0.2285**	**0.2570**	**0.5009**								
cs9	**0.2134**	**0.2214**	**0.2752**	**0.5063**							
cs11	**0.1599**	**0.1955**	**0.2448**	**0.1601**	**0.5020**						
cs15	**0.1052**	**0.0841**	**0.1062**	**0.1252**	**0.0949**	**0.3499**					
cs16	**0.2298**	**0.2776**	**0.1857**	**0.1249**	**0.1299**	**0.0825**	**0.6599**				
cs17	**0.2467**	**0.2711**	**0.2274**	**0.1999**	**0.1602**	**0.1426**	**0.2681**	**0.4924**			
cs20	**0.1628**	**0.1300**	**0.1348**	**0.0964**	**0.0850**	**0.0318**	**0.1863**	**0.1653**	**0.5566**		
cs29	**0.1712**	**0.1862**	**0.2229**	**0.2324**	**0.2201**	**0.1302**	**0.0862**	**0.1691**	**0.0391**	**0.4992**	
cs33	**0.2296**	**0.2200**	**0.2157**	**0.1872**	**0.1381**	**0.1071**	**0.2104**	**0.2160**	**0.1365**	**0.1548**	**0.4946**

Pairwise number of observations

	cs2	cs3	cs8	cs9	cs11	cs15	cs16	cs17	cs20	cs29	cs33
cs2	**363**										
cs3	**363**	**363**									
cs8	**363**	**363**	**363**								
cs9	**361**	**361**	**361**	**361**							
cs11	**363**	**363**	**363**	**361**	**363**						
cs15	**363**	**363**	**363**	**361**	**363**	**363**					
cs16	**363**	**363**	**363**	**361**	**363**	**363**	**363**				
cs17	**363**	**363**	**363**	**361**	**363**	**363**	**363**	**363**			
cs20	**361**	**361**	**361**	**361**	**361**	**361**	**361**	**361**	**361**		
cs29	**363**	**363**	**363**	**361**	**363**	**363**	**363**	**363**	**361**	**363**	
cs33	**363**	**363**	**363**	**361**	**363**	**363**	**363**	**363**	**361**	**363**	**363**

```
78. display "{hline}"
```

```
79.
80. display "{hline}"
```

```
81. gen CSSocSpt = cs1+cs5+cs7+cs12+cs14+cs19+cs23+cs24+cs25+cs31+cs32
```

```
82. label var CSSocSpt "Coping social support subscale"

83. * Alpha reliability for Social Support Coping subscale
84. alpha cs1 cs5 cs7 cs12 cs14 cs19 cs23 cs24 cs25 cs31 cs32, item detail

  Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs1	**703**	**+**	**0.7421**	**0.6760**	**.2462441**	**0.8942**
cs5	**703**	**+**	**0.6829**	**0.6026**	**.2505392**	**0.8983**
cs7	**703**	**+**	**0.7032**	**0.6289**	**.2496306**	**0.8968**
cs12	**703**	**+**	**0.7831**	**0.7270**	**.2434167**	**0.8915**
cs14	**703**	**+**	**0.7048**	**0.6307**	**.2494629**	**0.8967**
cs19	**703**	**+**	**0.5041**	**0.3930**	**.2672575**	**0.9102**
cs23	**703**	**+**	**0.8141**	**0.7625**	**.2384655**	**0.8892**
cs24	**703**	**+**	**0.7871**	**0.7308**	**.2422256**	**0.8912**
cs25	**703**	**+**	**0.7300**	**0.6611**	**.2472012**	**0.8950**
cs31	**703**	**+**	**0.7200**	**0.6537**	**.2506656**	**0.8955**
cs32	**703**	**+**	**0.7151**	**0.6493**	**.2518268**	**0.8958**
Test scale					**.2488123**	**0.9045**

```
  Interitem covariances (obs=703 in all pairs)
```

	cs1	cs5	cs7	cs12	cs14	cs19	cs23	cs24	cs25	cs31	cs32
cs1	**0.5386**										
cs5	**0.2512**	**0.5738**									
cs7	**0.2604**	**0.2795**	**0.5457**								
cs12	**0.3310**	**0.2775**	**0.2866**	**0.5168**							
cs14	**0.2625**	**0.2403**	**0.2696**	**0.2660**	**0.5463**						
cs19	**0.1508**	**0.1194**	**0.1372**	**0.1678**	**0.1835**	**0.6062**					
cs23	**0.3202**	**0.2761**	**0.2699**	**0.3360**	**0.2741**	**0.2093**	**0.5596**				
cs24	**0.3083**	**0.2272**	**0.2429**	**0.2898**	**0.2765**	**0.2086**	**0.4254**	**0.5341**			
cs25	**0.2670**	**0.3049**	**0.2555**	**0.2779**	**0.2624**	**0.1406**	**0.2851**	**0.2716**	**0.5432**		
cs31	**0.2308**	**0.2281**	**0.2240**	**0.2623**	**0.2227**	**0.1481**	**0.2813**	**0.2707**	**0.2515**	**0.4835**	
cs32	**0.2214**	**0.2062**	**0.2256**	**0.2361**	**0.2011**	**0.1928**	**0.2763**	**0.2635**	**0.2440**	**0.2853**	**0.4670**

```
85. * Alpha reliability for Social Support Coping subscale for males
86. alpha cs1 cs5 cs7 cs12 cs14 cs19 cs23 cs24 cs25 cs31 cs32 if female==0, item detail

  Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs1	**340**	**+**	**0.7267**	**0.6560**	**.2435761**	**0.8965**
cs5	**340**	**+**	**0.6804**	**0.5980**	**.2467039**	**0.8998**
cs7	**340**	**+**	**0.6972**	**0.6209**	**.2464234**	**0.8984**
cs12	**340**	**+**	**0.8027**	**0.7521**	**.2394386**	**0.8914**
cs14	**340**	**+**	**0.6535**	**0.5720**	**.2516089**	**0.9010**
cs19	**340**	**+**	**0.5329**	**0.4268**	**.2610814**	**0.9093**
cs23	**340**	**+**	**0.8209**	**0.7731**	**.2366599**	**0.8901**
cs24	**340**	**+**	**0.8037**	**0.7541**	**.2399553**	**0.8914**
cs25	**340**	**+**	**0.7364**	**0.6667**	**.2420429**	**0.8959**
cs31	**340**	**+**	**0.7321**	**0.6668**	**.2454615**	**0.8960**
cs32	**340**	**+**	**0.7274**	**0.6624**	**.2466075**	**0.8962**
Test scale					**.2454145**	**0.9055**

```
  Interitem covariances (obs=340 in all pairs)
```

	cs1	cs5	cs7	cs12	cs14	cs19	cs23	cs24	cs25	cs31	cs32
cs1	**0.5504**										
cs5	**0.2410**	**0.5856**									
cs7	**0.2549**	**0.2773**	**0.5487**								
cs12	**0.3204**	**0.2787**	**0.2948**	**0.4880**							
cs14	**0.2177**	**0.1904**	**0.2303**	**0.2257**	**0.5179**						
cs19	**0.1608**	**0.1340**	**0.1500**	**0.1811**	**0.2079**	**0.5851**					
cs23	**0.3074**	**0.2959**	**0.2408**	**0.3429**	**0.2282**	**0.1894**	**0.5105**				
cs24	**0.3086**	**0.2417**	**0.2327**	**0.3002**	**0.2510**	**0.1877**	**0.3750**	**0.4762**			
cs25	**0.2779**	**0.3066**	**0.2798**	**0.2857**	**0.2301**	**0.1468**	**0.2936**	**0.2642**	**0.5655**		
cs31	**0.2310**	**0.2210**	**0.2148**	**0.2584**	**0.2071**	**0.1719**	**0.2989**	**0.2803**	**0.2631**	**0.4936**	
cs32	**0.2174**	**0.2096**	**0.2334**	**0.2353**	**0.1869**	**0.2196**	**0.2760**	**0.2585**	**0.2582**	**0.3056**	**0.4773**

87. * Alpha reliability for Social Support Coping subscale for females
88. alpha cs1 cs5 cs7 cs12 cs14 cs19 cs23 cs24 cs25 cs31 cs32 if female==1, item detail

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs1	**363**	**+**	**0.7426**	**0.6781**	**.2360137**	**0.8882**
cs5	**363**	**+**	**0.6661**	**0.5846**	**.2417268**	**0.8934**
cs7	**363**	**+**	**0.6919**	**0.6164**	**.2399378**	**0.8916**
cs12	**363**	**+**	**0.7520**	**0.6884**	**.2346321**	**0.8875**
cs14	**363**	**+**	**0.7429**	**0.6739**	**.2333998**	**0.8883**
cs19	**363**	**+**	**0.4997**	**0.3836**	**.2550548**	**0.9058**
cs23	**363**	**+**	**0.8003**	**0.7429**	**.227018**	**0.8840**
cs24	**363**	**+**	**0.7826**	**0.7207**	**.2285208**	**0.8854**
cs25	**363**	**+**	**0.7124**	**0.6414**	**.2384361**	**0.8902**
cs31	**363**	**+**	**0.7008**	**0.6311**	**.241131**	**0.8908**
cs32	**363**	**+**	**0.6980**	**0.6290**	**.2419775**	**0.8910**
Test scale					**.2379862**	**0.8996**

Interitem covariances (obs=363 in all pairs)

	cs1	cs5	cs7	cs12	cs14	cs19	cs23	cs24	cs25	cs31	cs32
cs1	**0.4988**										
cs5	**0.2288**	**0.5288**									
cs7	**0.2358**	**0.2494**	**0.5138**								
cs12	**0.3098**	**0.2424**	**0.2475**	**0.5112**							
cs14	**0.2848**	**0.2657**	**0.2866**	**0.2828**	**0.5605**						
cs19	**0.1463**	**0.1107**	**0.1299**	**0.1604**	**0.1641**	**0.6270**					
cs23	**0.3057**	**0.2288**	**0.2704**	**0.3014**	**0.2995**	**0.2325**	**0.5826**				
cs24	**0.3000**	**0.2046**	**0.2444**	**0.2716**	**0.2952**	**0.2301**	**0.4658**	**0.5872**			
cs25	**0.2339**	**0.2786**	**0.2096**	**0.2462**	**0.2774**	**0.1386**	**0.2566**	**0.2725**	**0.5052**		
cs31	**0.2133**	**0.2159**	**0.2153**	**0.2476**	**0.2258**	**0.1288**	**0.2493**	**0.2572**	**0.2272**	**0.4648**	
cs32	**0.2101**	**0.1866**	**0.2031**	**0.2210**	**0.2044**	**0.1704**	**0.2633**	**0.2643**	**0.2191**	**0.2578**	**0.4505**

89. display "{hline}"

---

90. display "{hline}"

```
91.
92. gen CSAvoid= cs4+cs6+cs10+cs13+cs18+cs21+cs22+cs26+cs27+cs28+cs30
  (4 missing values generated)

93. label var CSAvoid "Coping Avoidance subscale"

94. * Alpha reliability for Avoidance coping subscale for all respondents
95. alpha cs4 cs6 cs10 cs13 cs18 cs21 cs22 cs26 cs27 cs28 cs30, detail item

  Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs4	**703**	**+**	**0.3978**	**0.2181**	**.0783271**	**0.6281**
cs6	**699**	**+**	**0.4144**	**0.2367**	**.0773815**	**0.6246**
cs10	**703**	**+**	**0.4942**	**0.3048**	**.0717999**	**0.6113**
cs13	**703**	**+**	**0.5311**	**0.3643**	**.0699128**	**0.5988**
cs18	**703**	**+**	**0.4741**	**0.3057**	**.0737514**	**0.6113**
cs21	**703**	**+**	**0.4312**	**0.2912**	**.0771583**	**0.6151**
cs22	**699**	**+**	**0.4662**	**0.2760**	**.0739224**	**0.6176**
cs26	**703**	**+**	**0.4443**	**0.2814**	**.0757754**	**0.6161**
cs27	**703**	**+**	**0.4643**	**0.2708**	**.0738728**	**0.6188**
cs28	**703**	**+**	**0.4999**	**0.3379**	**.0723136**	**0.6052**
cs30	**703**	**+**	**0.5005**	**0.3280**	**.0718131**	**0.6064**
Test scale					**.0741847**	**0.6364**

Interitem covariances (obs=pairwise, see below)

	cs4	cs6	cs10	cs13	cs18	cs21	cs22	cs26	cs27	cs28	cs30
cs4	**0.5240**										
cs6	**0.0499**	**0.5190**									
cs10	**0.0315**	**0.0563**	**0.6600**								
cs13	**0.0608**	**0.1438**	**0.0488**	**0.5607**							
cs18	**0.0919**	**0.0084**	**0.1116**	**0.1020**	**0.5181**						
cs21	**0.0272**	**0.0724**	**0.0187**	**0.1385**	**0.0546**	**0.3443**					
cs22	**0.0794**	**0.0392**	**0.0749**	**0.0823**	**0.0894**	**0.0790**	**0.6292**				
cs26	**0.0988**	**0.0363**	**0.0187**	**0.0925**	**0.1018**	**0.0455**	**0.0603**	**0.4650**			
cs27	**0.0234**	**0.0545**	**0.2393**	**0.0267**	**0.0499**	**-0.0069**	**0.0837**	**0.0498**	**0.6546**		
cs28	**0.0698**	**-0.0095**	**0.1615**	**0.0505**	**0.1310**	**0.0289**	**0.0832**	**0.1181**	**0.1625**	**0.5048**	
cs30	**0.0229**	**0.1460**	**0.0877**	**0.1883**	**0.0203**	**0.1505**	**0.0824**	**0.0483**	**0.0729**	**0.0294**	**0.5652**

Pairwise number of observations

	cs4	cs6	cs10	cs13	cs18	cs21	cs22	cs26	cs27	cs28	cs30
cs4	**703**										
cs6	**699**	**699**									
cs10	**703**	**699**	**703**								
cs13	**703**	**699**	**703**	**703**							
cs18	**703**	**699**	**703**	**703**	**703**						
cs21	**703**	**699**	**703**	**703**	**703**	**703**					
cs22	**699**	**699**	**699**	**699**	**699**	**699**	**699**				
cs26	**703**	**699**	**703**	**703**	**703**	**703**	**699**	**703**			
cs27	**703**	**699**	**703**	**703**	**703**	**703**	**699**	**703**	**703**		
cs28	**703**	**699**	**703**	**703**	**703**	**703**	**699**	**703**	**703**	**703**	
cs30	**703**	**699**	**703**	**703**	**703**	**703**	**699**	**703**	**703**	**703**	**703**

```
96. * Alpha reliability for Avoidance coping subscale for male respondents
97. alpha cs4 cs6 cs10 cs13 cs18 cs21 cs22 cs26 cs27 cs28 cs30 if female==0, item detail

  Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs4	**340**	**+**	**0.3655**	**0.1952**	**.0875743**	**0.6707**
cs6	**338**	**+**	**0.4631**	**0.2956**	**.0818479**	**0.6543**
cs10	**340**	**+**	**0.5282**	**0.3410**	**.0762747**	**0.6462**
cs13	**340**	**+**	**0.5536**	**0.4068**	**.0763221**	**0.6345**
cs18	**340**	**+**	**0.4339**	**0.2723**	**.0835775**	**0.6580**
cs21	**340**	**+**	**0.4422**	**0.3090**	**.0838491**	**0.6517**
cs22	**338**	**+**	**0.5316**	**0.3612**	**.0771528**	**0.6427**
cs26	**340**	**+**	**0.4561**	**0.3088**	**.0827133**	**0.6521**
cs27	**340**	**+**	**0.5096**	**0.3197**	**.0776105**	**0.6505**
cs28	**340**	**+**	**0.4298**	**0.2845**	**.0843233**	**0.6560**
cs30	**340**	**+**	**0.5987**	**0.4429**	**.0722073**	**0.6254**
Test scale					**.0803137**	**0.6710**

```
  Interitem covariances (obs=pairwise, see below)

          cs4       cs6      cs10      cs13      cs18      cs21      cs22      cs26      cs27
>      cs28      cs30
 cs4   0.4727
 cs6   0.0324   0.5050
cs10   0.0401   0.0715   0.7078
cs13   0.0488   0.1622   0.0665   0.4867
cs18   0.0733   0.0373   0.0918   0.0941   0.4676
cs21  -0.0032   0.0613   0.0541   0.1412   0.0580   0.3285
cs22   0.0982   0.0773   0.1198   0.0893   0.1108   0.0611   0.5867
cs26   0.0704   0.0712   0.0346   0.0778   0.0681   0.0516   0.0688   0.4079
cs27   0.0360   0.0908   0.2692   0.0402   0.0286   0.0114   0.1107   0.0686   0.7019
cs28   0.0697  -0.0021   0.0904   0.0423   0.0434   0.0121   0.0801   0.1074   0.1226
>   0.3828
cs30   0.0112   0.1319   0.1466   0.2204   0.0510   0.1968   0.1299   0.0767   0.1466
>   0.0566   0.6000

  Pairwise number of observations

       cs4   cs6  cs10  cs13  cs18  cs21  cs22  cs26  cs27  cs28  cs30
 cs4   340
 cs6   338   338
cs10   340   338   340
cs13   340   338   340   340
cs18   340   338   340   340   340
cs21   340   338   340   340   340   340
cs22   338   338   338   338   338   338   338
cs26   340   338   340   340   340   340   338   340
cs27   340   338   340   340   340   340   338   340   340
cs28   340   338   340   340   340   340   338   340   340   340
cs30   340   338   340   340   340   340   338   340   340   340   340

98. * Alpha reliability for Avoidance coping subscale for female respondents
99. alpha cs4 cs6 cs10 cs13 cs18 cs21 cs22 cs26 cs27 cs28 cs30 if female==1, detail item
  >

  Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
cs4	363	+	0.4128	0.2195	.0651171	0.5701
cs6	361	+	0.3592	0.1675	.0682656	0.5814
cs10	363	+	0.4276	0.2340	.0642279	0.5670
cs13	363	+	0.5084	0.3182	.0590615	0.5460
cs18	363	+	0.4977	0.3187	.0600675	0.5473
cs21	363	+	0.4282	0.2784	.0649739	0.5594
cs22	361	+	0.4393	0.2316	.0635059	0.5683
cs26	363	+	0.4202	0.2380	.0647675	0.5659
cs27	363	+	0.4215	0.2207	.0646728	0.5705
cs28	363	+	0.5402	0.3621	.0573203	0.5362
cs30	363	+	0.3964	0.2077	.0661306	0.5727
Test scale					.063465	0.5859

Interitem covariances (obs=pairwise, see below)

	cs4	cs6	cs10	cs13	cs18	cs21	cs22	cs26	cs27	cs28	cs30
cs4	0.5641										
cs6	0.0592	0.5288									
cs10	0.0045	0.0283	0.5782								
cs13	0.0647	0.1216	0.0169	0.6256							
cs18	0.0996	-0.0259	0.1102	0.1017	0.5562						
cs21	0.0546	0.0826	-0.0168	0.1354	0.0504	0.3599					
cs22	0.0687	0.0080	0.0457	0.0808	0.0763	0.0965	0.6668				
cs26	0.1160	-0.0031	-0.0158	0.0987	0.1234	0.0387	0.0588	0.5097			
cs27	0.0094	0.0186	0.2071	0.0122	0.0676	-0.0244	0.0603	0.0298	0.6115		
cs28	0.0544	-0.0278	0.1967	0.0458	0.1968	0.0429	0.0966	0.1122	0.1964	0.5942	
cs30	0.0293	0.1562	0.0234	0.1551	-0.0132	0.1071	0.0411	0.0171	0.0029	-0.0037	0.5319

Pairwise number of observations

	cs4	cs6	cs10	cs13	cs18	cs21	cs22	cs26	cs27	cs28	cs30
cs4	363										
cs6	361	361									
cs10	363	361	363								
cs13	363	361	363	363							
cs18	363	361	363	363	363						
cs21	363	361	363	363	363	363					
cs22	361	361	361	361	361	361	361				
cs26	363	361	363	363	363	363	361	363			
cs27	363	361	363	363	363	363	361	363	363		
cs28	363	361	363	363	363	363	361	363	363	363	
cs30	363	361	363	363	363	363	361	363	363	363	363

```
100 display "{hline}"
```

```
101 display "{hline}"
```

```
102
103 ************** Coping Subscale Tabulations
```

```
104
105 foreach var of varlist CSprbslv-CSAvoid {
    2. display "{hline}"
    3. tab `var', missing
    4. sum `var', detail
    5. codebook `var'
    6. inspect `var'
    7. display "extremes:"
    8. extremes `var'
    9. display "normality tests:"
   10. stem `var'
   11. sktest `var'
   12. swilk `var'
   13. jb `var'
   14. display "{hline}"
   15. }
```

Coping Problem Solving Subscale	Freq.	Percent	Cum.
11	**2**	**0.28**	**0.28**
12	**2**	**0.28**	**0.57**
13	**4**	**0.57**	**1.14**
14	**9**	**1.28**	**2.42**
15	**9**	**1.28**	**3.70**
16	**11**	**1.56**	**5.26**
17	**17**	**2.42**	**7.68**
18	**18**	**2.56**	**10.24**
19	**30**	**4.27**	**14.51**
20	**33**	**4.69**	**19.20**
21	**42**	**5.97**	**25.18**
22	**54**	**7.68**	**32.86**
23	**46**	**6.54**	**39.40**
24	**32**	**4.55**	**43.95**
25	**45**	**6.40**	**50.36**
26	**43**	**6.12**	**56.47**
27	**35**	**4.98**	**61.45**
28	**54**	**7.68**	**69.13**
29	**65**	**9.25**	**78.38**
30	**44**	**6.26**	**84.64**
31	**46**	**6.54**	**91.18**
32	**32**	**4.55**	**95.73**
33	**26**	**3.70**	**99.43**
.	**4**	**0.57**	**100.00**
Total	**703**	**100.00**	

Coping Problem Solving Subscale

Percentiles		Smallest		
1%	**13**	**11**		
5%	**16**	**11**		
10%	**18**	**12**	Obs	**699**
25%	**21**	**12**	Sum of Wgt.	**699**
50%	**25**		Mean	**25.01717**
		Largest	Std. Dev.	**4.954202**
75%	**29**	**33**		
90%	**31**	**33**	Variance	**24.54412**
95%	**32**	**33**	Skewness	**-.3659592**
99%	**33**	**33**	Kurtosis	**2.365537**

CSprbslv **Coping Problem Solving Subscale**

---

type: numeric (**float**)

range:	[**11**,**33**]		units:	**1**
unique values:	**23**		missing .:	**4**/**703**
mean:	**25.0172**			
std. dev:	**4.9542**			

percentiles:	10%	25%	50%	75%	90%
	18	**21**	**25**	**29**	**31**

CSprbslv: Coping Problem Solving Subscale

```
                  #
          #       #
          #   #   #
          #   #   #
      #   #   #   #
  .   #   #   #   #
+-------------------
11                  33
```

Number of Observations	Total	Integers	Nonintegers
Negative	–	–	–
Zero	–	–	–
Positive	**699**	**699**	–
Total	**699**	**699**	–
Missing	**4**		
	703		

(23 unique values)

extremes:

obs:	CSprbslv
13.	11
31.	11
121.	12
164.	12
26.	13

576.	33
578.	33
641.	33
642.	33
647.	33

note: **4** values of **13**
note: **26** values of **33**
normality tests:

Stem-and-leaf plot for CSprbslv (Coping Problem Solving Subscale)

```
  1* | 11
  1* | 22
  1* | 3333
  1* | 444444444
  1* | 555555555
  1* | 66666666666
  1* | 77777777777777777
  1* | 888888888888888888
  1* | 99999999999999999999999999999
  2* | 00000000000000000000000000000000
  2* | 11111111111111111111111111111111111111
  2* | 22222222222222222222222222222222222222222222222222
  2* | 33333333333333333333333333333333333333333333333333
  2* | 44444444444444444444444444444444
  2* | 55555555555555555555555555555555555555555555555555
  2* | 66666666666666666666666666666666666666666666666666
  2* | 77777777777777777777777777777777
  2* | 88888888888888888888888888888888888888888888888888888888
  2* | 99999999999999999999999999999999999999999999999999999999999999999999
  3* | 00000000000000000000000000000000000000000000000000
  3* | 11111111111111111111111111111111111111111111111111
  3* | 22222222222222222222222222222222
  3* | 33333333333333333333333333
```

Skewness/Kurtosis tests for Normality

Variable	Obs	Pr(Skewness)	Pr(Kurtosis)	joint adj chi2(2)	joint Prob>chi2
CSprbslv	**699**	**0.0001**	**0.0000**	**33.20**	**0.0000**

Shapiro-Wilk W test for normal data

Variable	Obs	W	V	z	Prob>z
CSprbslv	**699**	**0.97912**	**9.510**	**5.495**	**0.00000**

Jarque-Bera normality test: **27.33** Chi(**2**) **1.2e-06**
Jarque-Bera test for Ho: normality:

Coping social support subscale	Freq.	Percent	Cum.
11	**19**	**2.70**	**2.70**
12	**8**	**1.14**	**3.84**
13	**11**	**1.56**	**5.41**
14	**10**	**1.42**	**6.83**
15	**10**	**1.42**	**8.25**
16	**14**	**1.99**	**10.24**
17	**17**	**2.42**	**12.66**
18	**24**	**3.41**	**16.07**
19	**26**	**3.70**	**19.77**
20	**23**	**3.27**	**23.04**
21	**39**	**5.55**	**28.59**
22	**82**	**11.66**	**40.26**
23	**46**	**6.54**	**46.80**
24	**40**	**5.69**	**52.49**
25	**33**	**4.69**	**57.18**
26	**32**	**4.55**	**61.74**
27	**45**	**6.40**	**68.14**
28	**32**	**4.55**	**72.69**
29	**28**	**3.98**	**76.67**
30	**37**	**5.26**	**81.93**
31	**38**	**5.41**	**87.34**
32	**36**	**5.12**	**92.46**
33	**53**	**7.54**	**100.00**
Total	**703**	**100.00**	

Coping social support subscale

Percentiles		Smallest		
1%	**11**	**11**		
5%	**13**	**11**		
10%	**16**	**11**	Obs	**703**
25%	**21**	**11**	Sum of Wgt.	**703**
50%	**24**		Mean	**24.24893**
		Largest	Std. Dev.	**5.769237**
75%	**29**	**33**		
90%	**32**	**33**	Variance	**33.2841**
95%	**33**	**33**	Skewness	**-.3301377**
99%	**33**	**33**	Kurtosis	**2.434975**

CSSocSpt **Coping social support subscale**

---

type: numeric (**float**)

range: [**11,33**] units: **1**
unique values: **23** missing .: **0/703**

mean:	**24.2489**
std. dev:	**5.76924**

percentiles:	10%	25%	50%	75%	90%
	16	**21**	**24**	**29**	**32**

CSSocSpt: Coping social support subscale

	Number of Observations		
	Total	Integers	Nonintegers
Negative	**–**	**–**	**–**
Zero	**–**	**–**	**–**
Positive	**703**	**703**	**–**
Total	**703**	**703**	**–**
Missing	**–**		

11 **33** **703**

(23 unique values)

extremes:

obs:	CSSocSpt
13.	**11**
41.	**11**
70.	**11**
140.	**11**
160.	**11**

617.	**33**
630.	**33**
642.	**33**
644.	**33**
703.	**33**

note: **19** values of **11**
note: **53** values of **33**

normality tests:

Stem-and-leaf plot for CSSocSpt (Coping social support subscale)

```
  1* | 1111111111111111111
  1* | 22222222
  1* | 33333333333
  1* | 4444444444
  1* | 5555555555
  1* | 66666666666666
  1* | 77777777777777777
  1* | 88888888888888888888888
  1* | 99999999999999999999999999
  2* | 000000000000000000000
  2* | 11111111111111111111111111111111111111111
  2* | 22222222222222222222222222222222222222222222222222222222222222222 ... (82)
  2* | 33333333333333333333333333333333333333333333333333
  2* | 44444444444444444444444444444444444444444444444444
  2* | 55555555555555555555555555555555555
  2* | 66666666666666666666666666666666666
  2* | 77777777777777777777777777777777777777777777777777
  2* | 88888888888888888888888888888888888
  2* | 99999999999999999999999999999
  3* | 000000000000000000000000000000000000000
  3* | 11111111111111111111111111111111111111111
  3* | 22222222222222222222222222222222222
  3* | 33333333333333333333333333333333333333333333333333333333333
```

Skewness/Kurtosis tests for Normality

Variable	Obs	Pr(Skewness)	Pr(Kurtosis)	joint adj chi2(2)	joint Prob>chi2
CSSocSpt	**703**	**0.0004**	**0.0000**	**25.50**	**0.0000**

Shapiro-Wilk W test for normal data

Variable	Obs	W	V	z	Prob>z
CSSocSpt	**703**	**0.98482**	**6.951**	**4.731**	**0.00000**

Jarque-Bera normality test: **22.12** Chi(**2**) **1.6e-05**
Jarque-Bera test for Ho: normality:

Coping Avoidance subscale	Freq.	Percent	Cum.
11	**22**	**3.13**	**3.13**
12	**22**	**3.13**	**6.26**
13	**27**	**3.84**	**10.10**
14	**40**	**5.69**	**15.79**
15	**52**	**7.40**	**23.19**
16	**58**	**8.25**	**31.44**
17	**64**	**9.10**	**40.54**
18	**69**	**9.82**	**50.36**
19	**73**	**10.38**	**60.74**
20	**76**	**10.81**	**71.55**
21	**53**	**7.54**	**79.09**
22	**53**	**7.54**	**86.63**
23	**29**	**4.13**	**90.75**
24	**18**	**2.56**	**93.31**
25	**17**	**2.42**	**95.73**
26	**11**	**1.56**	**97.30**
27	**11**	**1.56**	**98.86**
28	**3**	**0.43**	**99.29**
29	**1**	**0.14**	**99.43**
.	**4**	**0.57**	**100.00**
Total	**703**	**100.00**	

Coping Avoidance subscale

Percentiles		Smallest		
1%	**11**	**11**		
5%	**12**	**11**		
10%	**13**	**11**	Obs	**699**
25%	**16**	**11**	Sum of Wgt.	**699**
50%	**18**		Mean	**18.39914**
		Largest	Std. Dev.	**3.739673**
75%	**21**	**28**		
90%	**23**	**28**	Variance	**13.98516**
95%	**25**	**28**	Skewness	**.1351926**
99%	**27**	**29**	Kurtosis	**2.638726**

CSAvoid **Coping Avoidance subscale**

---

type: numeric (**float**)

range: [**11,29**] units: **1**
unique values: **19** missing .: **4/703**

mean: **18.3991**
std. dev: **3.73967**

percentiles:	10%	25%	50%	75%	90%
	13	**16**	**18**	**21**	**23**

CSAvoid: Coping Avoidance subscale

	Number of Observations		
	Total	Integers	Nonintegers
Negative	–	–	–
Zero	–	–	–
Positive	**699**	**699**	–
Total	**699**	**699**	–
Missing	**4**		

11 29 703

(19 unique values)

extremes:

obs:	CSAvoid
13.	11
27.	11
30.	11
121.	11
126.	11

512.	27
104.	28
293.	28
296.	28
221.	29

note: **22** values of **11**
note: **11** values of **27**
normality tests:

Stem-and-leaf plot for CSAvoid (Coping Avoidance subscale)

```
  1* | 11111111111111111111
  1* | 22222222222222222222
  1* | 33333333333333333333333333
  1* | 44444444444444444444444444444444444444
  1* | 55555555555555555555555555555555555555555555555555
  1* | 66666666666666666666666666666666666666666666666666666666
  1* | 77777777777777777777777777777777777777777777777777777777777777
  1* | 88888888888888888888888888888888888888888888888888888888888888888888
  1* | 99999999999999999999999999999999999999999999999999999999999999999 ... (73)
  2* | 00000000000000000000000000000000000000000000000000000000000000000 ... (76)
  2* | 11111111111111111111111111111111111111111111111111111111
  2* | 22222222222222222222222222222222222222222222222222222222
  2* | 33333333333333333333333333333333
  2* | 444444444444444444
  2* | 55555555555555555
  2* | 66666666666
  2* | 77777777777
  2* | 888
  2* | 9
```

Skewness/Kurtosis tests for Normality

Variable	Obs	Pr(Skewness)	Pr(Kurtosis)	joint adj chi2(2)	joint Prob>chi2
CSAvoid	**699**	**0.1421**	**0.0228**	**7.24**	**0.0268**

Shapiro-Wilk W test for normal data

Variable	Obs	W	V	z	Prob>z
CSAvoid	**699**	**0.99374**	**2.850**	**2.555**	**0.00532**

Jarque-Bera normality test: **5.931** Chi(**2**) **.0515**
Jarque-Bera test for Ho: normality:

```
106 datasignature report
    (data signature set on Monday 13jun2011 23:08)
```

Data signature summary

1. previous data signature **703:1626(97066):2668622110:1182585148**
2. same data signature today (same as 1)
3. full data signature today **703:1663(56600):1060060359:2258614672**

Comparison of current data with previously set data signature

variables	number	notes
original # of variables	**1,626**	(values unchanged)
added variables	**37**	(1)
dropped variables	**0**	
resulting # of variables	**1,663**	

(1) Added variables are **female cs1 cs2 cs3 cs4 cs5 cs6 cs7 cs8 cs9 cs10 cs11 cs12 cs13 cs14 cs15 cs16 cs17 cs18 cs19 cs20 cs21 cs22 cs23 cs24 cs25 cs26 cs27 cs28 cs29 cs30 cs31 cs32 cs33 CSprbslv CSSocSpt CSAvoid**

```
107
108 save Master2june132011, replace
  file Master2june132011.dta saved

109
110 log close _all
       name:  CopingScale
        log:  c:\users\ry\stats\stata\data\research\chwk\phase2\scales\coping\CSscale.s
  > mcl
    log type:  smcl
   closed on:  13 Jun 2011, 23:08:52
```
