```
      name:  <unnamed>
       log:  /Users/robertyaffee/Documents/data/research/chwk/phase2/reliabili
> ty/reliabilities/bsI14june2011rev.smcl
  log type:  smcl
 opened on:  15 Feb 2013, 14:21:09

 1 . set linesize 80

 2 . set more off

 3 . loc date c(current_date)

 4 . loc time c(current_time)

 5 . loc fn c(filename)

 6 . loc mem c(memory)

 7 . loc os c(os)

 8 . loc cwd c(pwd)

 9 . local user "Robert Yaffee"

10 . local fn c(filename)

11 . local time c(current_time)

12 . local mem c(memory)

13 . di c(filename)," is stored in ",`cwd'," and
    is stored in  /Users/robertyaffee/Documents/data/research/chwk/phase2/reliab
> ility/reliabilities  and

14 . di " called bsI Basic symptom invenstory scales."
    called bsI Basic symptom invenstory scales.
```

```
15 . di "Robert A. Yaffee ","on",`date'," at ",`time',"is using",`fn'," in ",`cwd
   > '
   Robert A. Yaffee  on 15 Feb 2013  at  14:21:09 is using   in  /Users/robertyaf
   > fee/Documents/data/research/chwk/phase2/reliability/reliabilities

16 . di "   to perform this BSI reliability analysis."
      to perform this BSI reliability analysis.

17 . di " the amount of memory used was ", %20.8f `mem'," bytes."
    the amount of memory used was     33554432.00000000  bytes.

18 .
19 .
20 . qui {
```

Reliability of Basic symptom inventory (BSI) scales

```
21 .
22 .
23 .
24 . //  Prior dataset is Master3June142011.dta
25 . use Master3june142011, clear

26 . drop if id==22
   (1 observation deleted)

27 . 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	**702:1626(97066):4287331027:3098670173**
3.	full data signature today	**702:1715(73614):764750417:2186277995**

Comparison of current data with previously set data signature

variables	number	notes
original # of variables	**1,626**	(values have changed)
added variables	**89**	(1)
dropped variables	**0**	
resulting # of variables	**1,715**	

```
      (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 WHP1el WHP2p WHP3er WHP4p WHP5s WHP6er WHP7er
            WHP8p WHP9si WHP10pa WHP11pa WHP12el WHP13s WHP14pa WHP15si
            WHP16er WHP17pa WHP18pa WHP19p WHP20er WHP21si WHP22s WHP23er
            WHP24p WHP25pa WHP26el WHP27pa WHP28ps WHP29s WHP30si WHP31er
            WHP32er WHP33s WHP34si WHP35pa WHP36p WHP37er WHP38p whp23er
            WHPel WHPpain WHPer WHPsleep WHPsociso WHPpa HP2work HP2hmcare
            HP2probsoc HP2pbfhm HP2sxlife HP2inthob HP2vacatn


28 .
29 .  display "{hline}"
   ------------------------------------------------------------------------------


30 .
31 . local fn c(filename)

32 . local time c(current_time)

33 . local mem c(memory)

34 . di   `fn'," is stored in ",`cwd'," and
   Master3june142011.dta  is stored in  /Users/robertyaffee/Documents/data/resear
   > ch/chwk/phase2/reliability/reliabilities  and

35 . di  " after the Basic symptom invenstory scales(BSI scales) are added,"
   >
    after the Basic symptom invenstory scales(BSI scales) are added,

36 . di  "Robert A. Yaffee ","on",`date'," at ",`time',"is using",`fn'," in ",`cw
   > d'
   Robert A. Yaffee  on 15 Feb 2013  at  14:21:09 is using Master3june142011.dta
   >  in  /Users/robertyaffee/Documents/data/research/chwk/phase2/reliability/rel
   > iabilities
```

```
37 . di  "   to perform this Mental Health Scale Analysis."
      to perform this Mental Health Scale Analysis.

38 . di " the amount of memory used was ", %20.8f `mem'," bytes."
    the amount of memory used was     33554432.00000000  bytes.

39 . di " The new dataset containing the CS, NHP, and BSI scales is called"
    The new dataset containing the CS, NHP, and BSI scales is called

40 . di "Master4june152011.dta  and is also located in ",`cwd'
   Master4june152011.dta  and is also located in  /Users/robertyaffee/Documents/d
   > ata/research/chwk/phase2/reliability/reliabilities

41 .
42 . di  "{hline}"
   ------------------------------------------------------------------------------


43 .
44 .
45 .
46 .
47 . //  Dataset with Basic Symptom inventory included is Master4June142011.dta
48 .
49 . di as result "Alpha reliability summary of Basic Symptom Inventory"
   Alpha reliability summary of Basic Symptom Inventory

50 .
51 . //  Reliabilities for.............................. sample     male    fe
   > males
52 . //
53 . //
54 . //     BSI total scale score.........................  .953      .948
   >     .953
55 . //     Positive symptom total.......................  .954      .948
   > .954
56 . //     Subscales:
57 . //         Somatization  S............................ .871      .882
   > .857
```

```
58 . //         ObsessiveCompulsive OC ..................... .789      .794
   > .782
59 . //         Interpersonal sensitivity ips .............. .661      .649
   > .643
60 . //         depression  D .............................. .726      .699
   > .730
61 . //         anxiety     A .............................. .779      .724
   > .795
62 . //         phobic anxiety phanx ....................... .639      .530
   > .655
63 . //         hostility   H .............................. .733      .784
   > .665
64 . //         paranoid ideation par ...................... .732      .740
   > .715
65 . //         psychoticism psy ........................... .633      .612
   > .626
66 .
67 .  display "{hline}"
   ------------------------------------------------------------------------------
```

```
68 . //  Definitions
69 . // Brief Symptom Inventory (bsI) 53 items   Scale and subscale construction
70 . //     Positive symptom total
71 . //     Unweighted Average subscale scores
72 . //         Somatization  S -    7  items: 2 7 23 29 30 33 37
73 . //         ObsessiveCompulsive OC -  6 items:  5 15 26 27 32 36
74 . //         Interpersonal sensitivity ips - 4 items: 20 21 22 42
75 . //         depression  D  - 6 items : 9 16 17 18 35 50
76 . //         anxiety     A -  6 items: 1 12 19 38 45 49
77 . //         phobic anxiety  phanx - 5 items: 8, 28, 31, 43, 47
78 . //         hostility   H - 5 items: 6 13 40 41 46
79 . //         paranoid ideation par - 5 items: 4 10 24 48 51
80 . //         psychoticism psy - 5 items: 3 14 34 44 53
81 .
82 .  display "{hline}"
   ------------------------------------------------------------------------------
```

```
 83 .
 84 .
 85 . gen bs1 = bsnerv

 86 . gen bs2  = bsfaint

 87 . gen  bs3 = bsidea

 88 . gen  bs4 = bsothers

 89 . gen  bs5 = bsnomem

 90 . gen  bs6 = bsannoy

 91 . gen  bs7 = bspain

 92 . gen  bs8 = bsafraid

 93 . gen  bs9 = bsendlif

 94 . gen  bs10 = bstrust

 95 . gen  bs11 = bseat

 96 . gen  bs12 = bsscared

 97 . gen  bs13 = bstemper

 98 . gen  bs14 = bslonely

 99 . gen  bs15 = bsblock

100 . gen  bs16 = bsalone

101 . gen  bs17 = bsblue

102 . gen  bs18 = bsnoint
```

```
103 . gen  bs19 = bsfear

104 . gen  bs20 = bshurt

105 . gen  bs21 = bsnofrd

106 . gen  bs22 = bsinf

107 . gen  bs23 = bsnausea

108 . gen  bs24 = bswatch

109 . gen  bs25 = bsnoslp

110 . gen  bs26 = bscheck

111 . gen  bs27 = bsnodec

112 . gen  bs28 = bsnotrav

113 . gen  bs29 = bsnobrth

114 . gen  bs30 = bshtcold

115 . gen  bs31 = bsavoid

116 . gen  bs32 = bsblank

117 . gen  bs33 = bsnumb

118 . gen  bs34 = bspunish

119 . gen  bs35 = bshoples

120 . gen  bs36 = bsnothk

121 . gen  bs37 = bsweak
```

```
122 . gen  bs38 = bstense

123 . gen  bs39 = bsdeath

124 . gen  bs40 = bsbeat

125 . gen  bs41 = bsbreak

126 . gen  bs42 = bsconsc

127 . gen  bs43 = bsuneasy

128 . gen  bs44 = bsnoclse

129 . gen  bs45 = bspanic

130 . gen  bs46 = bsargue

131 . gen  bs47 = bsnerv_a

132 . gen  bs48 = bscredit

133 . gen  bs49 = bsnosit

134 . gen  bs50 = bsworth

135 . gen  bs51 = bsadvan

136 . gen  bs52 = bsguilt

137 . gen  bs53 = bswrong

138 .
139 . display "{hline}"
```

```
140 . set more off
```

```
141 . //  BSI total scale construction
142 .
143 . cap drop BSItotal

144 . egen BSItotal= rowtotal(bs1-bs53)

145 . label var BSItotal "Basic symptom inventory total scale score"

146 . // distributional analysis
147 . summ BSItotal, detail

          Basic symptom inventory total scale score
-------------------------------------------------------------
      Percentiles      Smallest
 1%           53              52
 5%           54              52
10%           56              53       Obs                 702
25%           64              53       Sum of Wgt.         702

50%           79                       Mean            85.7037
                      Largest          Std. Dev.       27.8489
75%          101             193
90%          125             193       Variance       775.5612
95%          137             194       Skewness       1.158705
99%          169             200       Kurtosis       4.275167

148 . hist BSItotal, normal
    (bin=26, start=52, width=5.6923077)

149 . gen lBSItotal=ln(BSItotal)

150 . label var lBSItotal "Ln(bsItotal)"

151 . hist lBSItotal, normal
    (bin=26, start=3.9512436, width=.05181053)

152 .
```

```
153 . label def bsifmt3 0 "no answer " 1 "not at all" 2 "a little bit" 3 "moderate
    > ly" 4 "quite a bit" ///
    >      5 "extremely"

154 . local bsi "bs1-bs53"

155 . foreach var of varlist `bsi' {
      2.  label values `var' bsifmt3
      3.
156 .
157 .  cap drop bsp1-bsp53
      4.  //  BSI positive symptom subscale construction
158 .
159 .
160 . }

161 . numlabel, add

162 .
163 . forvalues j = 1/53{
      2. tab bs`j', missing
      3. }
```

bs1	Freq.	Percent	Cum.
0. no answer	4	0.57	0.57
1. not at all	191	27.21	27.78
2. a little bit	237	33.76	61.54
3. moderately	153	21.79	83.33
4. quite a bit	74	10.54	93.87
5. extremely	43	6.13	100.00
Total	702	100.00	

bs2	Freq.	Percent	Cum.
0. no answer	4	0.57	0.57
1. not at all	476	67.81	68.38
2. a little bit	140	19.94	88.32
3. moderately	40	5.70	94.02
4. quite a bit	18	2.56	96.58
5. extremely	24	3.42	100.00
Total	702	100.00	

bs3	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	602	85.75	86.18
2. a little bit	67	9.54	95.73
3. moderately	23	3.28	99.00
4. quite a bit	5	0.71	99.72
5. extremely	2	0.28	100.00
Total	702	100.00	

bs4	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	441	62.82	63.25
2. a little bit	142	20.23	83.48
3. moderately	75	10.68	94.16
4. quite a bit	25	3.56	97.72
5. extremely	16	2.28	100.00
Total	702	100.00	

bs5	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	343	48.86	49.29
2. a little bit	196	27.92	77.21
3. moderately	100	14.25	91.45
4. quite a bit	42	5.98	97.44
5. extremely	18	2.56	100.00
Total	702	100.00	

bs6	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	320	45.58	46.01
2. a little bit	226	32.19	78.21
3. moderately	98	13.96	92.17
4. quite a bit	38	5.41	97.58
5. extremely	17	2.42	100.00
Total	702	100.00	

bs7	Freq.	Percent	Cum.
0. no answer	5	0.71	0.71
1. not at all	292	41.60	42.31
2. a little bit	169	24.07	66.38
3. moderately	129	18.38	84.76
4. quite a bit	60	8.55	93.30
5. extremely	47	6.70	100.00
Total	702	100.00	

bs8	Freq.	Percent	Cum.
0. no answer	4	0.57	0.57
1. not at all	623	88.75	89.32
2. a little bit	45	6.41	95.73
3. moderately	15	2.14	97.86
4. quite a bit	11	1.57	99.43
5. extremely	4	0.57	100.00
Total	702	100.00	

bs9	Freq.	Percent	Cum.
0. no answer	5	0.71	0.71
1. not at all	663	94.44	95.16
2. a little bit	24	3.42	98.58
3. moderately	6	0.85	99.43
4. quite a bit	2	0.28	99.72
5. extremely	2	0.28	100.00
Total	702	100.00	

bs10	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	326	46.44	46.87
2. a little bit	163	23.22	70.09
3. moderately	107	15.24	85.33
4. quite a bit	62	8.83	94.16
5. extremely	41	5.84	100.00
Total	702	100.00	

bs11	Freq.	Percent	Cum.
0. no answer	4	0.57	0.57
1. not at all	504	71.79	72.36
2. a little bit	121	17.24	89.60
3. moderately	49	6.98	96.58
4. quite a bit	18	2.56	99.15
5. extremely	6	0.85	100.00
Total	702	100.00	

bs12	Freq.	Percent	Cum.
0. no answer	4	0.57	0.57
1. not at all	517	73.65	74.22
2. a little bit	90	12.82	87.04
3. moderately	58	8.26	95.30
4. quite a bit	23	3.28	98.58
5. extremely	10	1.42	100.00
Total	702	100.00	

bs13	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	438	62.39	62.82
2. a little bit	140	19.94	82.76
3. moderately	70	9.97	92.74
4. quite a bit	36	5.13	97.86
5. extremely	15	2.14	100.00
Total	702	100.00	

bs14	Freq.	Percent	Cum.
0. no answer	5	0.71	0.71
1. not at all	488	69.52	70.23
2. a little bit	121	17.24	87.46
3. moderately	55	7.83	95.30
4. quite a bit	16	2.28	97.58
5. extremely	17	2.42	100.00
Total	702	100.00	

bs15	Freq.	Percent	Cum.
1. not at all	416	59.26	59.26
2. a little bit	148	21.08	80.34
3. moderately	71	10.11	90.46
4. quite a bit	48	6.84	97.29
5. extremely	19	2.71	100.00
Total	702	100.00	

bs16	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	450	64.10	64.53
2. a little bit	119	16.95	81.48
3. moderately	62	8.83	90.31
4. quite a bit	37	5.27	95.58
5. extremely	31	4.42	100.00
Total	702	100.00	

bs17	Freq.	Percent	Cum.
0. no answer	2	0.28	0.28
1. not at all	312	44.44	44.73
2. a little bit	212	30.20	74.93
3. moderately	100	14.25	89.17
4. quite a bit	42	5.98	95.16
5. extremely	34	4.84	100.00
Total	702	100.00	

bs18	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	537	76.50	76.64
2. a little bit	99	14.10	90.74
3. moderately	47	6.70	97.44
4. quite a bit	13	1.85	99.29
5. extremely	5	0.71	100.00
Total	702	100.00	

bs19	Freq.	Percent	Cum.
0. no answer	2	0.28	0.28
1. not at all	457	65.10	65.38
2. a little bit	132	18.80	84.19
3. moderately	75	10.68	94.87
4. quite a bit	20	2.85	97.72
5. extremely	16	2.28	100.00
Total	702	100.00	

bs20	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	302	43.02	43.16
2. a little bit	173	24.64	67.81
3. moderately	134	19.09	86.89
4. quite a bit	59	8.40	95.30
5. extremely	33	4.70	100.00
Total	702	100.00	

bs21	Freq.	Percent	Cum.
1. not at all	470	66.95	66.95
2. a little bit	131	18.66	85.61
3. moderately	64	9.12	94.73
4. quite a bit	25	3.56	98.29
5. extremely	12	1.71	100.00
Total	702	100.00	

bs22	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	544	77.49	77.92
2. a little bit	91	12.96	90.88
3. moderately	43	6.13	97.01
4. quite a bit	14	1.99	99.00
5. extremely	7	1.00	100.00
Total	702	100.00	

bs23	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	454	64.67	64.81
2. a little bit	144	20.51	85.33
3. moderately	70	9.97	95.30
4. quite a bit	21	2.99	98.29
5. extremely	12	1.71	100.00
Total	702	100.00	

bs24	Freq.	Percent	Cum.
0. no answer	2	0.28	0.28
1. not at all	546	77.78	78.06
2. a little bit	76	10.83	88.89
3. moderately	53	7.55	96.44
4. quite a bit	16	2.28	98.72
5. extremely	9	1.28	100.00
Total	702	100.00	

bs25	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	430	61.25	61.40
2. a little bit	99	14.10	75.50
3. moderately	75	10.68	86.18
4. quite a bit	65	9.26	95.44
5. extremely	32	4.56	100.00
Total	702	100.00	

bs26	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	325	46.30	46.44
2. a little bit	160	22.79	69.23
3. moderately	111	15.81	85.04
4. quite a bit	66	9.40	94.44
5. extremely	39	5.56	100.00
Total	702	100.00	

bs27	Freq.	Percent	Cum.
0. no answer	2	0.28	0.28
1. not at all	322	45.87	46.15
2. a little bit	191	27.21	73.36
3. moderately	134	19.09	92.45
4. quite a bit	29	4.13	96.58
5. extremely	24	3.42	100.00
Total	702	100.00	

bs28	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	604	86.04	86.18
2. a little bit	62	8.83	95.01
3. moderately	18	2.56	97.58
4. quite a bit	9	1.28	98.86
5. extremely	8	1.14	100.00
Total	702	100.00	

bs29	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	448	63.82	64.25
2. a little bit	128	18.23	82.48
3. moderately	75	10.68	93.16
4. quite a bit	31	4.42	97.58
5. extremely	17	2.42	100.00
Total	702	100.00	

bs30	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	376	53.56	53.70
2. a little bit	182	25.93	79.63
3. moderately	87	12.39	92.02
4. quite a bit	34	4.84	96.87
5. extremely	22	3.13	100.00
Total	702	100.00	

bs31	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	487	69.37	69.80
2. a little bit	115	16.38	86.18
3. moderately	57	8.12	94.30
4. quite a bit	23	3.28	97.58
5. extremely	17	2.42	100.00
Total	702	100.00	

bs32	Freq.	Percent	Cum.
0. no answer	2	0.28	0.28
1. not at all	573	81.62	81.91
2. a little bit	66	9.40	91.31
3. moderately	30	4.27	95.58
4. quite a bit	18	2.56	98.15
5. extremely	13	1.85	100.00
Total	702	100.00	

bs33	Freq.	Percent	Cum.
0. no answer	5	0.71	0.71
1. not at all	357	50.85	51.57
2. a little bit	149	21.23	72.79
3. moderately	101	14.39	87.18
4. quite a bit	62	8.83	96.01
5. extremely	28	3.99	100.00
Total	702	100.00	

bs34	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	389	55.41	55.84
2. a little bit	155	22.08	77.92
3. moderately	88	12.54	90.46
4. quite a bit	40	5.70	96.15
5. extremely	27	3.85	100.00
Total	702	100.00	

bs35	Freq.	Percent	Cum.
0. no answer	2	0.28	0.28
1. not at all	455	64.81	65.10
2. a little bit	127	18.09	83.19
3. moderately	69	9.83	93.02
4. quite a bit	25	3.56	96.58
5. extremely	24	3.42	100.00
Total	702	100.00	

bs36	Freq.	Percent	Cum.
0. no answer	9	1.28	1.28
1. not at all	420	59.83	61.11
2. a little bit	160	22.79	83.90
3. moderately	77	10.97	94.87
4. quite a bit	28	3.99	98.86
5. extremely	8	1.14	100.00
Total	702	100.00	

bs37	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	243	34.62	34.76
2. a little bit	217	30.91	65.67
3. moderately	130	18.52	84.19
4. quite a bit	68	9.69	93.87
5. extremely	43	6.13	100.00
Total	702	100.00	

bs38	Freq.	Percent	Cum.
1. not at all	274	39.03	39.03
2. a little bit	247	35.19	74.22
3. moderately	113	16.10	90.31
4. quite a bit	43	6.13	96.44
5. extremely	25	3.56	100.00
Total	702	100.00	

bs39	Freq.	Percent	Cum.
1. not at all	521	74.22	74.22
2. a little bit	120	17.09	91.31
3. moderately	44	6.27	97.58
4. quite a bit	11	1.57	99.15
5. extremely	6	0.85	100.00
Total	702	100.00	

bs40	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	598	85.19	85.61
2. a little bit	56	7.98	93.59
3. moderately	10	1.42	95.01
4. quite a bit	22	3.13	98.15
5. extremely	13	1.85	100.00
Total	702	100.00	

bs41	Freq.	Percent	Cum.
1. not at all	576	82.05	82.05
2. a little bit	58	8.26	90.31
3. moderately	37	5.27	95.58
4. quite a bit	27	3.85	99.43
5. extremely	4	0.57	100.00
Total	702	100.00	

bs42	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	464	66.10	66.24
2. a little bit	118	16.81	83.05
3. moderately	71	10.11	93.16
4. quite a bit	27	3.85	97.01
5. extremely	21	2.99	100.00
Total	702	100.00	

bs43	Freq.	Percent	Cum.
1. not at all	513	73.08	73.08
2. a little bit	91	12.96	86.04
3. moderately	47	6.70	92.74
4. quite a bit	26	3.70	96.44
5. extremely	25	3.56	100.00
Total	702	100.00	

bs44	Freq.	Percent	Cum.
0. no answer	4	0.57	0.57
1. not at all	568	80.91	81.48
2. a little bit	70	9.97	91.45
3. moderately	38	5.41	96.87
4. quite a bit	16	2.28	99.15
5. extremely	6	0.85	100.00
Total	702	100.00	

bs45	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	529	75.36	75.78
2. a little bit	103	14.67	90.46
3. moderately	38	5.41	95.87
4. quite a bit	17	2.42	98.29
5. extremely	12	1.71	100.00
Total	702	100.00	

bs46	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	466	66.38	66.81
2. a little bit	142	20.23	87.04
3. moderately	58	8.26	95.30
4. quite a bit	16	2.28	97.58
5. extremely	17	2.42	100.00
Total	702	100.00	

bs47	Freq.	Percent	Cum.
1. not at all	480	68.38	68.38
2. a little bit	96	13.68	82.05
3. moderately	58	8.26	90.31
4. quite a bit	43	6.13	96.44
5. extremely	25	3.56	100.00
Total	702	100.00	

bs48	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	461	65.67	66.10
2. a little bit	100	14.25	80.34
3. moderately	73	10.40	90.74
4. quite a bit	35	4.99	95.73
5. extremely	30	4.27	100.00
Total	702	100.00	

bs49	Freq.	Percent	Cum.
1. not at all	439	62.54	62.54
2. a little bit	125	17.81	80.34
3. moderately	62	8.83	89.17
4. quite a bit	27	3.85	93.02
5. extremely	49	6.98	100.00
Total	702	100.00	

bs50	Freq.	Percent	Cum.
0. no answer	1	0.14	0.14
1. not at all	583	83.05	83.19
2. a little bit	83	11.82	95.01
3. moderately	22	3.13	98.15
4. quite a bit	9	1.28	99.43
5. extremely	4	0.57	100.00
Total	702	100.00	

bs51	Freq.	Percent	Cum.
1. not at all	395	56.27	56.27
2. a little bit	138	19.66	75.93
3. moderately	112	15.95	91.88
4. quite a bit	37	5.27	97.15
5. extremely	20	2.85	100.00
Total	702	100.00	

bs52	Freq.	Percent	Cum.
0. no answer	3	0.43	0.43
1. not at all	347	49.43	49.86
2. a little bit	220	31.34	81.20
3. moderately	71	10.11	91.31
4. quite a bit	27	3.85	95.16
5. extremely	34	4.84	100.00
Total	702	100.00	

bs53	Freq.	Percent	Cum.
0. no answer	2	0.28	0.28
1. not at all	594	84.62	84.90
2. a little bit	74	10.54	95.44
3. moderately	27	3.85	99.29
4. quite a bit	5	0.71	100.00
Total	702	100.00	

```
164 .
165 . display "{hline}"
```

```
166 . // BSI Scale construction
167 . // Reliability analysis for BSItotal
```

```
168 . display " Alpha reliability of BSItotal for whole sample"
     Alpha reliability of BSItotal for whole sample

169 . loc bsItot "bs1-bs53"

170 . alpha `bsItot', item detail

    Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
> a						
> —						
bs1	702	+	0.5873	0.5587	.2600267	0.952
> 1						
bs2	702	+	0.4907	0.4636	.2641892	0.952
> 5						
bs3	702	+	0.4271	0.4107	.2687503	0.952
> 8						
bs4	702	+	0.5281	0.5022	.2633861	0.952
> 3						
bs5	702	+	0.5794	0.5536	.2615681	0.952
> 1						
bs6	702	+	0.5588	0.5330	.2623503	0.952
> 2						
bs7	702	+	0.6336	0.6056	.2580336	0.951
> 8						
bs8	702	+	0.3969	0.3785	.268752	0.952
> 8						
bs9	702	+	0.2467	0.2339	.2716232	0.953
> 2						
bs10	702	+	0.5763	0.5456	.2597236	0.952
> 2						
bs11	702	+	0.4079	0.3833	.2670511	0.952
> 8						
bs12	702	+	0.6457	0.6265	.2620014	0.951
> 8						
bs13	702	+	0.5575	0.5319	.2624909	0.952
> 2						
bs14	702	+	0.5867	0.5643	.2627587	0.952
> 0						
bs15	702	+	0.6640	0.6417	.2594585	0.951
> 6						
bs16	702	+	0.5340	0.5043	.2618699	0.952
> 3						
bs17	702	+	0.6704	0.6472	.2585454	0.951
> 6						

bs18	702	+	0.5098	0.4894	.2658591	0.952
> 4						
bs19	702	+	0.6916	0.6731	.2603078	0.951
> 5						
bs20	702	+	0.6240	0.5972	.2591019	0.951
> 8						
bs21	702	+	0.5911	0.5689	.2626672	0.952
> 0						
bs22	702	+	0.5480	0.5281	.2650253	0.952
> 3						
bs23	702	+	0.4946	0.4692	.2646146	0.952
> 5						
bs24	702	+	0.5027	0.4800	.2652637	0.952
> 4						
bs25	702	+	0.6334	0.6062	.2584408	0.951
> 8						
bs26	702	+	0.6485	0.6219	.2579107	0.951
> 7						
bs27	702	+	0.6026	0.5775	.2608834	0.951
> 9						
bs28	702	+	0.4401	0.4206	.2676667	0.952
> 7						
bs29	702	+	0.5996	0.5757	.2615549	0.952
> 0						
bs30	702	+	0.6091	0.5847	.2609259	0.951
> 9						
bs31	702	+	0.5824	0.5591	.262497	0.952
> 0						
bs32	702	+	0.5368	0.5151	.2646387	0.952
> 3						
bs33	702	+	0.6601	0.6352	.2581869	0.951
> 6						
bs34	702	+	0.4951	0.4642	.2628726	0.952
> 5						
bs35	702	+	0.6166	0.5928	.2609202	0.951
> 9						
bs36	702	+	0.6204	0.5993	.2620237	0.951
> 9						
bs37	702	+	0.7054	0.6828	.256825	0.951
> 3						
bs38	702	+	0.6301	0.6064	.260322	0.951
> 8						
bs39	702	+	0.4481	0.4263	.2668666	0.952
> 6						
bs40	702	+	0.3865	0.3615	.2674357	0.952
> 9						
bs41	702	+	0.3545	0.3293	.2680586	0.953
> 0						
bs42	702	+	0.4153	0.3844	.2653786	0.952

```
> 9
bs43          |  702    +       0.4794        0.4505        .2640128      0.952
> 6
bs44          |  702    +       0.5184        0.4981        .2656735      0.952
> 4
bs45          |  702    +       0.6401        0.6218        .2627068      0.951
> 8
bs46          |  702    +       0.3891        0.3604        .2665757      0.952
> 9
bs47          |  702    +       0.4741        0.4428        .2634895      0.952
> 7
bs48          |  702    +       0.5396        0.5102        .2617349      0.952
> 3
bs49          |  702    +       0.4116        0.3749        .2642014      0.953
> 1
bs50          |  702    +       0.4664        0.4484        .2676216      0.952
> 6
bs51          |  702    +       0.5703        0.5435        .2615156      0.952
> 1
bs52          |  702    +       0.5252        0.4962        .2624173      0.952
> 4
bs53          |  702    +       0.4717        0.4565        .2683894      0.952
> 7
--------------+-------------------------------------------------------------
> —
Test scale    |                                             .2631541      0.953
> 1
--------------+-------------------------------------------------------------
> —
```

Interitem covariances (obs=702 in all pairs)

	bs1	bs2	bs3	bs4	bs5	bs6	bs7	bs8
bs1	1.3794							
bs2	0.3232	0.9403						
bs3	0.1858	0.1450	0.3050					
bs4	0.4025	0.2009	0.1611	0.9487				
bs5	0.4373	0.3622	0.1712	0.3276	1.0948			
bs6	0.6137	0.4018	0.1742	0.4174	0.3866	1.0278		
bs7	0.5593	0.5565	0.1417	0.3315	0.6133	0.4874	1.5592	
bs8	0.1049	0.0933	0.0945	0.1239	0.1540	0.1330	0.1939	0.3588
bs9	0.0645	0.0264	0.0449	0.0636	0.0444	0.0406	0.0704	0.0504
bs10	0.5489	0.2647	0.1396	0.4630	0.3801	0.3911	0.5638	0.0888
bs11	0.1977	0.2528	0.1120	0.0975	0.2002	0.1999	0.2643	0.1340
bs12	0.4032	0.3136	0.1870	0.3358	0.3398	0.3406	0.4094	0.1481
bs13	0.4616	0.3366	0.1379	0.3348	0.4285	0.4936	0.3798	0.0669
bs14	0.3559	0.0894	0.1615	0.2589	0.2854	0.2485	0.3112	0.1534
bs15	0.4011	0.3910	0.1731	0.3724	0.4360	0.3557	0.5179	0.1167
bs16	0.3719	0.1118	0.1555	0.3158	0.2840	0.3058	0.4215	0.1880

bs17	**0.4834**	**0.2192**	**0.1279**	**0.3927**	**0.3142**	**0.3533**	**0.4875**	**0.1956**
bs18	**0.2345**	**0.0858**	**0.0734**	**0.1883**	**0.1636**	**0.1728**	**0.2704**	**0.1257**
bs19	**0.4280**	**0.2445**	**0.1119**	**0.3063**	**0.3308**	**0.3183**	**0.4342**	**0.1440**
bs20	**0.4244**	**0.3145**	**0.1613**	**0.3158**	**0.3943**	**0.3962**	**0.5365**	**0.1797**
bs21	**0.3485**	**0.1353**	**0.1450**	**0.3282**	**0.2331**	**0.2510**	**0.2855**	**0.1551**
bs22	**0.2364**	**0.1152**	**0.1295**	**0.1901**	**0.2419**	**0.1927**	**0.2288**	**0.1502**
bs23	**0.2544**	**0.6185**	**0.0947**	**0.1566**	**0.4155**	**0.3376**	**0.4945**	**0.0665**
bs24	**0.2812**	**0.1061**	**0.1569**	**0.2911**	**0.1523**	**0.1983**	**0.1568**	**0.0726**
bs25	**0.5879**	**0.4270**	**0.1224**	**0.3208**	**0.4754**	**0.4481**	**0.7609**	**0.1204**
bs26	**0.4909**	**0.3292**	**0.1409**	**0.3836**	**0.4283**	**0.3734**	**0.6018**	**0.1389**
bs27	**0.4399**	**0.2259**	**0.1409**	**0.3521**	**0.3170**	**0.2983**	**0.3435**	**0.1364**
bs28	**0.1636**	**0.1165**	**0.0677**	**0.1439**	**0.1493**	**0.1690**	**0.1747**	**0.1460**
bs29	**0.3417**	**0.3177**	**0.1332**	**0.2841**	**0.4849**	**0.3135**	**0.7566**	**0.1704**
bs30	**0.3676**	**0.3022**	**0.1123**	**0.2706**	**0.4268**	**0.2488**	**0.6372**	**0.1396**
bs31	**0.3317**	**0.2379**	**0.1187**	**0.2292**	**0.2844**	**0.2371**	**0.4244**	**0.1155**
bs32	**0.2544**	**0.3411**	**0.1119**	**0.1438**	**0.3172**	**0.2483**	**0.3141**	**0.0752**
bs33	**0.4010**	**0.5324**	**0.1840**	**0.2901**	**0.5775**	**0.3618**	**0.9048**	**0.1853**
bs34	**0.3310**	**0.0872**	**0.1151**	**0.2154**	**0.2937**	**0.1084**	**0.3428**	**0.0599**
bs35	**0.3954**	**0.3791**	**0.1409**	**0.2630**	**0.4146**	**0.3858**	**0.4673**	**0.1238**
bs36	**0.3131**	**0.3345**	**0.1145**	**0.2216**	**0.4858**	**0.3517**	**0.4811**	**0.1099**
bs37	**0.5958**	**0.4833**	**0.1677**	**0.3232**	**0.6373**	**0.4245**	**0.8876**	**0.2159**
bs38	**0.4294**	**0.2653**	**0.1469**	**0.2739**	**0.3738**	**0.3894**	**0.4750**	**0.1755**
bs39	**0.2251**	**0.0682**	**0.0568**	**0.1533**	**0.1924**	**0.1685**	**0.2821**	**0.0852**
bs40	**0.1842**	**0.3701**	**0.0668**	**0.1049**	**0.1900**	**0.2489**	**0.3867**	**0.0262**
bs41	**0.1935**	**0.3589**	**0.0708**	**0.1261**	**0.1658**	**0.2681**	**0.2615**	**0.0326**
bs42	**0.2803**	**0.0199**	**0.0281**	**0.2846**	**0.1342**	**0.0185**	**0.1767**	**0.0521**
bs43	**0.3232**	**0.0795**	**0.0403**	**0.1622**	**0.3001**	**0.1273**	**0.4087**	**0.1939**
bs44	**0.2134**	**0.0933**	**0.1219**	**0.2304**	**0.1952**	**0.2008**	**0.2513**	**0.1062**
bs45	**0.3502**	**0.1678**	**0.1054**	**0.2915**	**0.3017**	**0.2947**	**0.3488**	**0.1626**
bs46	**0.3037**	**0.1406**	**0.0566**	**0.2365**	**0.1764**	**0.3044**	**0.2018**	**0.0479**
bs47	**0.3936**	**0.2013**	**0.1062**	**0.2127**	**0.2578**	**0.2446**	**0.3363**	**0.1307**
bs48	**0.3709**	**0.1184**	**0.1560**	**0.3861**	**0.2439**	**0.2958**	**0.2715**	**0.1441**
bs49	**0.3494**	**0.0924**	**0.0818**	**0.2943**	**0.1229**	**0.1679**	**0.2968**	**0.0657**
bs50	**0.1746**	**0.0526**	**0.0670**	**0.1583**	**0.0980**	**0.1631**	**0.1310**	**0.0886**
bs51	**0.4123**	**0.2635**	**0.1358**	**0.2794**	**0.3216**	**0.2847**	**0.3833**	**0.0962**
bs52	**0.3502**	**0.0638**	**0.0726**	**0.2679**	**0.1856**	**0.2266**	**0.2879**	**0.0864**
bs53	**0.1407**	**0.1334**	**0.0946**	**0.0971**	**0.1388**	**0.1673**	**0.1617**	**0.0969**

	bs9	bs10	bs11	bs12	bs13	bs14	bs15	bs16
bs9	0.1428							
bs10	0.0593	1.5140						
bs11	0.0246	0.2037	0.6515					
bs12	0.0728	0.3855	0.2285	0.7920				
bs13	0.0420	0.4480	0.1273	0.3892	1.0056			
bs14	0.0629	0.3984	0.1559	0.3416	0.2528	0.8493		
bs15	0.0575	0.5792	0.1828	0.4252	0.4404	0.3274	1.1376	
bs16	0.0735	0.4167	0.1694	0.2790	0.1767	0.6471	0.2367	1.2519
bs17	0.0655	0.5548	0.1776	0.3499	0.2768	0.5187	0.4419	0.7536
bs18	0.0427	0.2498	0.0945	0.1909	0.1325	0.2335	0.2648	0.3212
bs19	0.0472	0.4370	0.2003	0.4380	0.3437	0.3398	0.4615	0.4046
bs20	0.0727	0.5000	0.2416	0.3740	0.2813	0.3668	0.5390	0.5509
bs21	0.0635	0.4423	0.1791	0.2893	0.2451	0.3551	0.3744	0.3659
bs22	0.0647	0.2901	0.1643	0.2081	0.1717	0.3925	0.2493	0.4050
bs23	0.0039	0.2320	0.2590	0.2974	0.3399	0.1370	0.3534	0.1603
bs24	0.0429	0.4047	0.0882	0.2654	0.2520	0.2730	0.3084	0.2430
bs25	0.0819	0.5708	0.2977	0.4551	0.4494	0.3721	0.5281	0.4859
bs26	0.0597	0.6676	0.1601	0.3971	0.4438	0.3465	0.5992	0.4147
bs27	0.0599	0.3451	0.1510	0.3373	0.2772	0.3184	0.4637	0.3708
bs28	0.0185	0.1656	0.1425	0.1710	0.1143	0.1655	0.1935	0.1476
bs29	0.0486	0.3771	0.1783	0.3165	0.2491	0.2876	0.3969	0.3138
bs30	0.0543	0.3808	0.2133	0.3317	0.2761	0.2889	0.4623	0.2657
bs31	0.0153	0.2348	0.1348	0.2856	0.2780	0.3255	0.4398	0.2944
bs32	0.0589	0.2066	0.1869	0.2427	0.3284	0.1583	0.3508	0.1632
bs33	0.0224	0.4277	0.2300	0.3804	0.4005	0.3042	0.5594	0.3256
bs34	0.0462	0.3746	0.0884	0.2720	0.1962	0.3083	0.3353	0.2679
bs35	0.0830	0.3772	0.2266	0.3135	0.3650	0.2975	0.4989	0.4099
bs36	0.0300	0.3007	0.2358	0.2646	0.3197	0.2281	0.4239	0.2941
bs37	0.0433	0.5282	0.3372	0.4287	0.3594	0.3736	0.6006	0.4957
bs38	0.0456	0.3538	0.2767	0.3923	0.4251	0.3181	0.4650	0.3310
bs39	0.0742	0.1308	0.0833	0.1421	0.0842	0.2153	0.2033	0.2991
bs40	0.0253	0.2183	0.0732	0.1717	0.3280	0.0556	0.2628	0.0467
bs41	0.0190	0.2323	0.0833	0.1748	0.3379	0.0662	0.2534	0.0186
bs42	0.0454	0.3990	0.0742	0.2556	0.0816	0.2859	0.2796	0.3382
bs43	0.0510	0.2505	0.1890	0.2071	0.1882	0.3340	0.2615	0.3344
bs44	0.0632	0.2615	0.0894	0.2242	0.1631	0.3092	0.2133	0.3869
bs45	0.0348	0.3515	0.1501	0.3840	0.3034	0.2625	0.3198	0.2624
bs46	0.0174	0.3272	0.0302	0.1749	0.3221	0.1944	0.2460	0.1255
bs47	0.0324	0.2613	0.1682	0.3204	0.2346	0.1899	0.3276	0.2362
bs48	0.0414	0.5140	0.1151	0.3233	0.3157	0.2882	0.4437	0.2558
bs49	0.0361	0.3788	0.1547	0.3281	0.3617	0.2065	0.3821	0.1670
bs50	0.0573	0.1793	0.0663	0.1457	0.1653	0.1935	0.1458	0.2049
bs51	0.0279	0.4275	0.1657	0.2896	0.2745	0.3389	0.4597	0.2893
bs52	0.0301	0.3680	0.1506	0.3364	0.2167	0.3586	0.3217	0.3399
bs53	0.0299	0.1806	0.1086	0.1334	0.1450	0.1502	0.1406	0.1435

	bs17	bs18	bs19	bs20	bs21	bs22	bs23	bs24
bs17	**1.2735**							
bs18	**0.4090**	**0.5638**						
bs19	**0.5881**	**0.3417**	**0.9094**					
bs20	**0.7061**	**0.3227**	**0.5919**	**1.3835**				
bs21	**0.3885**	**0.2417**	**0.3697**	**0.4371**	**0.8504**			
bs22	**0.3530**	**0.1922**	**0.2676**	**0.3319**	**0.3755**	**0.5980**		
bs23	**0.2009**	**0.1100**	**0.2771**	**0.2805**	**0.1692**	**0.1399**	**0.8343**	
bs24	**0.3114**	**0.1692**	**0.2597**	**0.3257**	**0.3700**	**0.2243**	**0.1367**	**0.6829**
bs25	**0.5369**	**0.2309**	**0.4799**	**0.5617**	**0.3314**	**0.2861**	**0.3774**	**0.2857**
bs26	**0.5883**	**0.2856**	**0.5250**	**0.5874**	**0.4537**	**0.2618**	**0.2831**	**0.3090**
bs27	**0.5069**	**0.2570**	**0.4546**	**0.5009**	**0.3834**	**0.2747**	**0.2280**	**0.2772**
bs28	**0.2449**	**0.1387**	**0.2485**	**0.1748**	**0.1571**	**0.1309**	**0.1262**	**0.1203**
bs29	**0.3590**	**0.1599**	**0.3282**	**0.4220**	**0.2864**	**0.1804**	**0.3242**	**0.1884**
bs30	**0.4826**	**0.1899**	**0.4342**	**0.4786**	**0.2931**	**0.2205**	**0.3126**	**0.1941**
bs31	**0.4002**	**0.1729**	**0.3454**	**0.3277**	**0.3059**	**0.2751**	**0.2586**	**0.2304**
bs32	**0.2309**	**0.1366**	**0.2734**	**0.2833**	**0.1952**	**0.1584**	**0.2780**	**0.1348**
bs33	**0.4772**	**0.2407**	**0.4713**	**0.5291**	**0.3132**	**0.2370**	**0.4758**	**0.1666**
bs34	**0.4918**	**0.2185**	**0.3609**	**0.4248**	**0.3031**	**0.1994**	**0.1326**	**0.2709**
bs35	**0.3574**	**0.2166**	**0.3498**	**0.4921**	**0.3350**	**0.2984**	**0.3230**	**0.2451**
bs36	**0.3523**	**0.1890**	**0.3420**	**0.3692**	**0.2338**	**0.2292**	**0.3091**	**0.1436**
bs37	**0.5940**	**0.2844**	**0.5088**	**0.6105**	**0.3472**	**0.2980**	**0.4505**	**0.1948**
bs38	**0.4622**	**0.2225**	**0.4037**	**0.4494**	**0.3124**	**0.2126**	**0.2553**	**0.2282**
bs39	**0.3286**	**0.1616**	**0.2161**	**0.2857**	**0.1966**	**0.1582**	**0.1017**	**0.1346**
bs40	**0.0744**	**0.0752**	**0.1684**	**0.1273**	**0.1071**	**0.0351**	**0.2508**	**0.0830**
bs41	**0.0625**	**0.0273**	**0.1144**	**0.1293**	**0.0790**	**0.0576**	**0.2189**	**0.0926**
bs42	**0.4424**	**0.2217**	**0.3723**	**0.3076**	**0.2315**	**0.2192**	**0.0585**	**0.2290**
bs43	**0.4629**	**0.2000**	**0.3496**	**0.3091**	**0.2132**	**0.2166**	**0.1559**	**0.1248**
bs44	**0.3540**	**0.1890**	**0.2480**	**0.2763**	**0.2490**	**0.2733**	**0.0869**	**0.1662**
bs45	**0.4048**	**0.2164**	**0.4247**	**0.3289**	**0.2901**	**0.1846**	**0.1821**	**0.2105**
bs46	**0.2580**	**0.0918**	**0.2247**	**0.1671**	**0.2084**	**0.0785**	**0.1138**	**0.1947**
bs47	**0.3265**	**0.1831**	**0.3341**	**0.3445**	**0.2440**	**0.1922**	**0.1847**	**0.2171**
bs48	**0.4294**	**0.2349**	**0.4104**	**0.4603**	**0.4570**	**0.3043**	**0.1046**	**0.3381**
bs49	**0.4543**	**0.2367**	**0.3998**	**0.2764**	**0.2422**	**0.0602**	**0.1238**	**0.2214**
bs50	**0.2286**	**0.1549**	**0.1651**	**0.1978**	**0.2269**	**0.1801**	**0.0487**	**0.1190**
bs51	**0.4346**	**0.1701**	**0.2664**	**0.4080**	**0.3325**	**0.2836**	**0.2363**	**0.3324**
bs52	**0.6343**	**0.2897**	**0.4201**	**0.4115**	**0.3104**	**0.2294**	**0.0866**	**0.2302**
bs53	**0.1455**	**0.0707**	**0.1325**	**0.1706**	**0.1430**	**0.1526**	**0.1239**	**0.1141**

	bs25	bs26	bs27	bs28	bs29	bs30	bs31	bs32
bs25	**1.4730**							
bs26	**0.5951**	**1.5028**						
bs27	**0.4514**	**0.6618**	**1.1277**					
bs28	**0.1899**	**0.1821**	**0.1866**	**0.4413**				
bs29	**0.4927**	**0.4273**	**0.2746**	**0.1756**	**1.0146**			
bs30	**0.5288**	**0.4827**	**0.3796**	**0.2110**	**0.5471**	**1.0926**		
bs31	**0.3135**	**0.4279**	**0.3938**	**0.1816**	**0.3218**	**0.3911**	**0.9091**	
bs32	**0.4064**	**0.2998**	**0.2886**	**0.1083**	**0.2413**	**0.2474**	**0.2640**	**0.6885**
bs33	**0.6236**	**0.6572**	**0.4478**	**0.1568**	**0.7076**	**0.6905**	**0.4707**	**0.4037**
bs34	**0.3006**	**0.4805**	**0.3668**	**0.1333**	**0.3234**	**0.4342**	**0.3431**	**0.1567**
bs35	**0.5021**	**0.4488**	**0.3999**	**0.1506**	**0.3587**	**0.3967**	**0.3817**	**0.3892**
bs36	**0.4659**	**0.3897**	**0.3398**	**0.1590**	**0.3631**	**0.3811**	**0.3057**	**0.3624**
bs37	**0.7703**	**0.5934**	**0.5068**	**0.2235**	**0.6631**	**0.6384**	**0.4157**	**0.3892**
bs38	**0.5007**	**0.4722**	**0.3909**	**0.2097**	**0.4194**	**0.4722**	**0.4009**	**0.3195**
bs39	**0.2703**	**0.2176**	**0.2559**	**0.0843**	**0.2131**	**0.2229**	**0.1925**	**0.1743**
bs40	**0.2991**	**0.2268**	**0.0968**	**0.0350**	**0.2188**	**0.1579**	**0.1530**	**0.2545**
bs41	**0.2436**	**0.1658**	**0.1116**	**0.0044**	**0.1509**	**0.1130**	**0.0907**	**0.2439**
bs42	**0.2256**	**0.4466**	**0.3844**	**0.0995**	**0.0851**	**0.2836**	**0.2778**	**0.0472**
bs43	**0.4119**	**0.3366**	**0.3025**	**0.2530**	**0.2961**	**0.4111**	**0.3299**	**0.1770**
bs44	**0.2667**	**0.2424**	**0.2395**	**0.1490**	**0.2241**	**0.1453**	**0.2173**	**0.1796**
bs45	**0.3828**	**0.3995**	**0.3200**	**0.2438**	**0.2856**	**0.3331**	**0.2893**	**0.2324**
bs46	**0.2200**	**0.3389**	**0.2322**	**0.0835**	**0.1378**	**0.0784**	**0.1529**	**0.1419**
bs47	**0.3271**	**0.5467**	**0.4293**	**0.1484**	**0.2812**	**0.2748**	**0.3152**	**0.2318**
bs48	**0.2786**	**0.5064**	**0.4113**	**0.1327**	**0.3000**	**0.2877**	**0.2753**	**0.2164**
bs49	**0.2727**	**0.5382**	**0.2674**	**0.1300**	**0.1816**	**0.2591**	**0.2354**	**0.1193**
bs50	**0.1506**	**0.1969**	**0.2139**	**0.1019**	**0.1413**	**0.1238**	**0.1663**	**0.1050**
bs51	**0.3840**	**0.4665**	**0.3650**	**0.1171**	**0.3531**	**0.3077**	**0.4451**	**0.2037**
bs52	**0.3445**	**0.4435**	**0.3878**	**0.1612**	**0.2614**	**0.3321**	**0.3511**	**0.1973**
bs53	**0.1217**	**0.1760**	**0.1290**	**0.0980**	**0.1404**	**0.1234**	**0.1485**	**0.1224**

	bs33	bs34	bs35	bs36	bs37	bs38	bs39	bs40
bs33	**1.3883**							
bs34	**0.3708**	**1.2292**						
bs35	**0.5447**	**0.3456**	**1.0637**					
bs36	**0.5075**	**0.3004**	**0.5303**	**0.8624**				
bs37	**0.8793**	**0.4011**	**0.5952**	**0.5692**	**1.4322**			
bs38	**0.5421**	**0.3381**	**0.4165**	**0.3951**	**0.6719**	**1.1184**		
bs39	**0.2324**	**0.1813**	**0.2656**	**0.1556**	**0.3187**	**0.2439**	**0.5577**	
bs40	**0.3577**	**0.0595**	**0.2538**	**0.2360**	**0.2913**	**0.1755**	**0.0626**	**0.6463**
bs41	**0.2724**	**0.0237**	**0.2360**	**0.1950**	**0.2355**	**0.2140**	**0.0122**	**0.3648**
bs42	**0.1741**	**0.4439**	**0.1938**	**0.1865**	**0.2845**	**0.2026**	**0.1283**	**-0.0348**
bs43	**0.3566**	**0.3017**	**0.2077**	**0.2943**	**0.4657**	**0.3138**	**0.2054**	**0.0389**
bs44	**0.2207**	**0.1776**	**0.2749**	**0.2235**	**0.2657**	**0.2553**	**0.1529**	**0.0696**
bs45	**0.3505**	**0.3341**	**0.2810**	**0.3396**	**0.4354**	**0.4165**	**0.1600**	**0.1130**
bs46	**0.1707**	**0.2484**	**0.1350**	**0.1434**	**0.1394**	**0.1954**	**0.0912**	**0.1370**
bs47	**0.3872**	**0.2778**	**0.2359**	**0.2504**	**0.3649**	**0.3252**	**0.1192**	**0.1441**
bs48	**0.4047**	**0.3443**	**0.2791**	**0.3200**	**0.3524**	**0.3466**	**0.1388**	**0.1293**
bs49	**0.2432**	**0.3244**	**0.0168**	**0.1349**	**0.2334**	**0.3852**	**0.0434**	**0.0469**

bs50	**0.1683**	**0.2042**	**0.2133**	**0.1507**	**0.1539**	**0.1512**	**0.1215**	**0.0785**
bs51	**0.4546**	**0.3709**	**0.3982**	**0.3472**	**0.4919**	**0.4522**	**0.1501**	**0.2005**
bs52	**0.2876**	**0.5218**	**0.2438**	**0.2690**	**0.3537**	**0.3695**	**0.2105**	**0.0518**
bs53	**0.1892**	**0.1046**	**0.1923**	**0.1904**	**0.1824**	**0.1598**	**0.0895**	**0.1079**

	bs41	bs42	bs43	bs44	bs45	bs46	bs47	bs48
bs41	**0.6252**							
bs42	**-0.0218**	**1.0355**						
bs43	**-0.0177**	**0.2821**	**1.0347**					
bs44	**0.0687**	**0.1908**	**0.1645**	**0.5717**				
bs45	**0.1302**	**0.2338**	**0.3093**	**0.2271**	**0.7065**			
bs46	**0.1455**	**0.1582**	**0.1201**	**0.0755**	**0.2007**	**0.8515**		
bs47	**0.1072**	**0.2320**	**0.2410**	**0.1934**	**0.3099**	**0.1440**	**1.1954**	
bs48	**0.2045**	**0.2644**	**0.2183**	**0.2701**	**0.3077**	**0.4104**	**0.3951**	**1.2525**
bs49	**0.0976**	**0.2943**	**0.2511**	**0.1322**	**0.3451**	**0.3638**	**0.3703**	**0.5055**
bs50	**0.0412**	**0.1483**	**0.1521**	**0.1933**	**0.1752**	**0.1051**	**0.1296**	**0.2187**
bs51	**0.1849**	**0.2853**	**0.2140**	**0.2203**	**0.2602**	**0.2008**	**0.3803**	**0.4798**
bs52	**0.0344**	**0.3924**	**0.3126**	**0.2217**	**0.3600**	**0.2533**	**0.2884**	**0.3780**
bs53	**0.0842**	**0.0098**	**0.1128**	**0.1156**	**0.1680**	**0.0806**	**0.1090**	**0.1669**

	bs49	bs50	bs51	bs52	bs53
bs49	**1.4349**				
bs50	**0.1403**	**0.3942**			
bs51	**0.3119**	**0.2352**	**1.1460**		
bs52	**0.4742**	**0.2501**	**0.4925**	**1.1717**	
bs53	**0.0761**	**0.1171**	**0.1697**	**0.1417**	**0.2863**

```
171 . display "Alpha reliability of BSItotal for males"
```
Alpha reliability of BSItotal for males

```
172 . alpha `bsItot' if gender==1, item detail

    Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
> a						
> —						
bs1	**339**	**+**	**0.5820**	**0.5500**	**.196447**	**0.946**
> 5						
bs2	**339**	**+**	**0.5293**	**0.4978**	**.1983392**	**0.946**
> 8						
bs3	**339**	**+**	**0.3823**	**0.3655**	**.2044085**	**0.947**
> 5						
bs4	**339**	**+**	**0.5395**	**0.5129**	**.1993678**	**0.946**
> 7						
bs5	**339**	**+**	**0.5791**	**0.5523**	**.1981701**	**0.946**

```
> 5
bs6          |  339   +   0.6110   0.5847   .1972724   0.946
> 3
bs7          |  339   +   0.6318   0.6005   .1946527   0.946
> 2
bs8          |  339   +   0.2423   0.2303   .2062562   0.947
> 9
bs9          |  339   +   0.2574   0.2458   .2062132   0.947
> 8
bs10         |  339   +   0.5598   0.5270   .1970106   0.946
> 7
bs11         |  339   +   0.3621   0.3373   .2033744   0.947
> 5
bs12         |  339   +   0.6472   0.6278   .1986733   0.946
> 2
bs13         |  339   +   0.7034   0.6812   .1951368   0.945
> 7
bs14         |  339   +   0.4734   0.4486    .201382   0.947
> 0
bs15         |  339   +   0.7048   0.6824   .1950008   0.945
> 7
bs16         |  339   +   0.4638   0.4336   .2004113   0.947
> 1
bs17         |  339   +   0.5288   0.5006   .1992336   0.946
> 8
bs18         |  339   +   0.3834   0.3609   .2034098   0.947
> 4
bs19         |  339   +   0.6472   0.6267   .1982398   0.946
> 2
bs20         |  339   +   0.6574   0.6329   .1961839   0.946
> 0
bs21         |  339   +   0.5371   0.5123   .1999502   0.946
> 7
bs22         |  339   +   0.4896   0.4692   .2021348   0.947
> 0
bs23         |  339   +   0.5105   0.4819   .1996283   0.946
> 9
bs24         |  339   +   0.4459   0.4235   .2024455   0.947
> 2
bs25         |  339   +   0.6333   0.6050   .1956947   0.946
> 2
bs26         |  339   +   0.5986   0.5682   .1963139   0.946
> 4
bs27         |  339   +   0.5572   0.5289   .1983944   0.946
> 6
bs28         |  339   +   0.3148   0.3002   .2054196   0.947
> 7
bs29         |  339   +   0.5409   0.5136   .1991455   0.946
> 7
```

bs30	339	+	0.5060	0.4805	.2004945	0.946
> 9						
bs31	339	+	0.5911	0.5675	.1988543	0.946
> 4						
bs32	339	+	0.5848	0.5612	.1990301	0.946
> 5						
bs33	339	+	0.6455	0.6170	.1950994	0.946
> 1						
bs34	339	+	0.4009	0.3666	.2011235	0.947
> 6						
bs35	339	+	0.6590	0.6360	.1967089	0.946
> 0						
bs36	339	+	0.6404	0.6193	.1982258	0.946
> 2						
bs37	339	+	0.6419	0.6132	.1951517	0.946
> 1						
bs38	339	+	0.5571	0.5302	.1988113	0.946
> 6						
bs39	339	+	0.3636	0.3399	.20353	0.947
> 5						
bs40	339	+	0.5498	0.5218	.1987142	0.946
> 7						
bs41	339	+	0.5015	0.4741	.2001443	0.946
> 9						
bs42	339	+	0.3519	0.3192	.2024134	0.947
> 7						
bs43	339	+	0.3419	0.3133	.2031558	0.947
> 7						
bs44	339	+	0.4855	0.4628	.2016243	0.947
> 0						
bs45	339	+	0.5371	0.5175	.2013985	0.946
> 8						
bs46	339	+	0.4361	0.4036	.2006336	0.947
> 3						
bs47	339	+	0.5093	0.4779	.1989675	0.946
> 9						
bs48	339	+	0.5555	0.5256	.1980067	0.946
> 6						
bs49	339	+	0.3452	0.3035	.2013872	0.948
> 2						
bs50	339	+	0.4776	0.4587	.2026816	0.947
> 1						
bs51	339	+	0.6785	0.6563	.196309	0.945
> 9						
bs52	339	+	0.3940	0.3605	.2014092	0.947
> 6						
bs53	339	+	0.4869	0.4721	.2035743	0.947
> 2						

> -
Test scale | .1997313 0.947
> 8

> -

Interitem covariances (obs=339 in all pairs)

	bs1	bs2	bs3	bs4	bs5	bs6	bs7	bs8
bs1	**1.2802**							
bs2	**0.2879**	**1.0662**						
bs3	**0.1548**	**0.0685**	**0.2246**					
bs4	**0.3999**	**0.1303**	**0.1517**	**0.7886**				
bs5	**0.3553**	**0.3935**	**0.0825**	**0.2813**	**0.8985**			
bs6	**0.5425**	**0.5024**	**0.1788**	**0.3594**	**0.3757**	**0.9662**		
bs7	**0.4407**	**0.7333**	**0.0821**	**0.2159**	**0.5303**	**0.4839**	**1.4613**	
bs8	**0.0490**	**0.0466**	**0.0468**	**0.0575**	**0.0464**	**0.0714**	**0.0421**	**0.0964**
bs9	**0.0680**	**-0.0002**	**0.0152**	**0.0597**	**0.0235**	**0.0356**	**0.0406**	**0.0093**
bs10	**0.5288**	**0.2605**	**0.0539**	**0.3508**	**0.3312**	**0.3461**	**0.5077**	**0.0201**
bs11	**0.1241**	**0.2284**	**0.0274**	**0.0703**	**0.1690**	**0.1550**	**0.2222**	**0.0471**
bs12	**0.3519**	**0.2846**	**0.1191**	**0.2123**	**0.2666**	**0.3266**	**0.3287**	**0.0767**
bs13	**0.5699**	**0.5521**	**0.0664**	**0.3240**	**0.4545**	**0.5612**	**0.5751**	**0.0310**
bs14	**0.2333**	**-0.0061**	**0.1131**	**0.2192**	**0.1487**	**0.1599**	**0.0636**	**0.0576**
bs15	**0.4193**	**0.4552**	**0.1049**	**0.3704**	**0.4156**	**0.3789**	**0.6006**	**0.0501**
bs16	**0.2563**	**0.0336**	**0.1223**	**0.2571**	**0.1167**	**0.2199**	**0.1568**	**0.0672**
bs17	**0.2355**	**0.0487**	**0.0716**	**0.2825**	**0.0942**	**0.1842**	**0.1755**	**0.0613**
bs18	**0.1275**	**0.0222**	**0.0270**	**0.1310**	**0.0297**	**0.0614**	**0.1094**	**0.0155**
bs19	**0.2696**	**0.2093**	**0.0851**	**0.2529**	**0.2442**	**0.2474**	**0.3132**	**0.0441**
bs20	**0.3686**	**0.3241**	**0.1408**	**0.3541**	**0.3153**	**0.3453**	**0.4737**	**0.0433**
bs21	**0.3173**	**0.0478**	**0.0859**	**0.2994**	**0.1603**	**0.2143**	**0.1406**	**0.0329**
bs22	**0.2232**	**0.0281**	**0.0660**	**0.1276**	**0.1287**	**0.1398**	**0.0478**	**0.0450**
bs23	**0.1926**	**0.7125**	**0.0418**	**0.0878**	**0.4031**	**0.3582**	**0.5729**	**0.0261**
bs24	**0.2265**	**-0.0091**	**0.1052**	**0.2481**	**0.0684**	**0.1244**	**0.0409**	**0.0338**
bs25	**0.5161**	**0.5000**	**0.0386**	**0.2336**	**0.4146**	**0.4719**	**0.5810**	**0.0138**
bs26	**0.4390**	**0.3194**	**0.0612**	**0.2589**	**0.3100**	**0.3906**	**0.5492**	**0.0115**
bs27	**0.3483**	**0.1328**	**0.0990**	**0.2431**	**0.2588**	**0.2724**	**0.2042**	**0.0383**
bs28	**0.0446**	**0.0275**	**0.0459**	**0.0652**	**0.0992**	**0.0647**	**0.0921**	**0.0371**
bs29	**0.2445**	**0.3149**	**0.0938**	**0.2252**	**0.4206**	**0.2775**	**0.6148**	**0.0226**
bs30	**0.2070**	**0.3354**	**0.0562**	**0.1395**	**0.2472**	**0.2287**	**0.4873**	**0.0112**
bs31	**0.2395**	**0.2464**	**0.0935**	**0.2011**	**0.2333**	**0.2599**	**0.3843**	**0.0351**
bs32	**0.2224**	**0.4464**	**0.0518**	**0.0833**	**0.3540**	**0.3094**	**0.3799**	**0.0136**
bs33	**0.3162**	**0.6669**	**0.1242**	**0.1654**	**0.4731**	**0.4151**	**0.9519**	**0.0294**
bs34	**0.1995**	**0.0351**	**0.0941**	**0.1921**	**0.1757**	**0.0416**	**0.2702**	**-0.0092**
bs35	**0.3696**	**0.5068**	**0.0980**	**0.2406**	**0.3654**	**0.4537**	**0.5486**	**0.0471**
bs36	**0.2929**	**0.4366**	**0.0743**	**0.1805**	**0.4390**	**0.3749**	**0.4646**	**0.0396**
bs37	**0.4903**	**0.5359**	**0.1023**	**0.2301**	**0.5463**	**0.4569**	**0.7644**	**0.0376**
bs38	**0.2968**	**0.2508**	**0.0992**	**0.2031**	**0.2513**	**0.3006**	**0.3678**	**0.0068**
bs39	**0.1317**	**0.0440**	**0.0671**	**0.1450**	**0.0949**	**0.1363**	**0.1140**	**0.0431**
bs40	**0.2997**	**0.6754**	**0.0556**	**0.1238**	**0.2967**	**0.4449**	**0.6836**	**0.0084**

bs41	0.2710	0.5805	0.0121	0.0825	0.2890	0.3725	0.5531	-0.0031
bs42	0.2492	-0.0705	0.0622	0.2994	0.0508	0.0131	0.0104	0.0211
bs43	0.1456	-0.0150	0.0308	0.1360	0.1677	0.0282	0.1706	0.0279
bs44	0.1976	0.0492	0.1353	0.1924	0.1559	0.1810	0.1402	0.0531
bs45	0.1924	0.0838	0.0740	0.1847	0.1870	0.1667	0.1794	0.0403
bs46	0.3015	0.1341	0.0625	0.2880	0.1850	0.2939	0.2794	0.0264
bs47	0.3254	0.2350	0.1150	0.1745	0.2000	0.2227	0.2869	0.0255
bs48	0.4649	0.1331	0.1136	0.3897	0.2161	0.2944	0.2624	0.0284
bs49	0.2474	-0.0576	0.0328	0.2761	0.0559	0.0569	0.1734	-0.0072
bs50	0.1964	0.0335	0.0715	0.1340	0.0966	0.1830	0.0882	0.0372
bs51	0.4315	0.2816	0.1194	0.2890	0.2941	0.3385	0.3606	0.0362
bs52	0.1842	-0.1172	0.0345	0.1669	0.0138	0.0542	0.0780	0.0054
bs53	0.1330	0.1332	0.0547	0.0810	0.1292	0.1701	0.1820	0.0357

	bs9	bs10	bs11	bs12	bs13	bs14	bs15	bs16
bs9	0.0902							
bs10	0.0848	1.2531						
bs11	-0.0035	0.1829	0.4673					
bs12	0.0438	0.2243	0.1626	0.6212				
bs13	0.0409	0.5335	0.1721	0.3762	1.0488			
bs14	0.0490	0.2181	0.0701	0.2121	0.1663	0.5808		
bs15	0.0240	0.4569	0.1225	0.4065	0.5427	0.1764	1.0687	
bs16	0.0637	0.3170	0.1066	0.1746	0.1662	0.4351	0.0980	0.8363
bs17	0.0460	0.3873	0.0925	0.2168	0.2660	0.2950	0.2794	0.5272
bs18	0.0313	0.1517	0.0130	0.1136	0.0777	0.0667	0.2251	0.1315
bs19	0.0285	0.2330	0.0976	0.3461	0.3411	0.2103	0.3940	0.2572
bs20	0.0513	0.4023	0.1479	0.3697	0.4152	0.2597	0.5312	0.3334
bs21	0.0567	0.3529	0.1128	0.2400	0.2451	0.2544	0.2485	0.2334
bs22	0.0537	0.1964	0.1367	0.1722	0.1652	0.3038	0.1194	0.2745
bs23	-0.0106	0.2184	0.2595	0.2535	0.4696	0.0300	0.3470	0.0161
bs24	0.0405	0.2394	0.0336	0.1282	0.1638	0.1141	0.1987	0.1116
bs25	0.0518	0.4971	0.2040	0.3578	0.6485	0.1786	0.5052	0.3100
bs26	0.0601	0.4272	0.0748	0.2523	0.5127	0.1584	0.4647	0.2642
bs27	0.0328	0.2320	0.0870	0.2852	0.3711	0.2444	0.3912	0.2164
bs28	0.0105	0.0261	0.0378	0.0674	0.0302	0.0651	0.0799	0.0591
bs29	0.0245	0.3379	0.0791	0.2152	0.3036	0.0891	0.4090	0.0893
bs30	0.0040	0.2484	0.0958	0.1727	0.2486	0.0793	0.2888	0.0977
bs31	0.0136	0.1772	0.0996	0.2505	0.3094	0.2152	0.4009	0.1761
bs32	0.0078	0.1966	0.1637	0.2791	0.4190	0.1213	0.3964	0.1151
bs33	-0.0062	0.3798	0.1492	0.2735	0.5076	0.1243	0.5207	0.1895
bs34	0.0333	0.2415	-0.0028	0.1244	0.1408	0.1712	0.2153	0.1088
bs35	0.0824	0.4248	0.1663	0.2728	0.4966	0.1697	0.5139	0.1998
bs36	0.0211	0.2979	0.1729	0.2025	0.4136	0.1413	0.4038	0.1553
bs37	0.0190	0.3953	0.1909	0.3685	0.5466	0.1354	0.5578	0.2415
bs38	0.0371	0.2267	0.1220	0.3202	0.4394	0.1053	0.4236	0.1889
bs39	0.0834	0.0549	0.0242	0.1248	0.0864	0.1128	0.1694	0.1486
bs40	0.0330	0.3520	0.0813	0.2588	0.4502	0.0085	0.4372	0.0765
bs41	0.0126	0.2655	0.0714	0.2430	0.4632	0.0017	0.3909	0.0228
bs42	0.0390	0.3026	0.0211	0.1631	0.1031	0.2751	0.1686	0.2630

bs43	**0.0448**	**0.1207**	**0.0903**	**0.0489**	**0.1266**	**0.1966**	**0.1624**	**0.1550**
bs44	**0.0503**	**0.1861**	**0.0471**	**0.2424**	**0.1480**	**0.2376**	**0.1793**	**0.3139**
bs45	**0.0468**	**0.1406**	**0.1015**	**0.2642**	**0.2056**	**0.1586**	**0.2373**	**0.1538**
bs46	**0.0351**	**0.2710**	**0.0183**	**0.1189**	**0.3546**	**0.1697**	**0.2329**	**0.1702**
bs47	**0.0381**	**0.1725**	**0.1703**	**0.3182**	**0.2964**	**0.1428**	**0.4098**	**0.1879**
bs48	**0.0198**	**0.3143**	**0.0639**	**0.2621**	**0.3294**	**0.2297**	**0.3648**	**0.2025**
bs49	**0.0298**	**0.1812**	**0.0782**	**0.2025**	**0.3700**	**0.0833**	**0.3294**	**0.1559**
bs50	**0.0574**	**0.1734**	**0.0566**	**0.1395**	**0.1451**	**0.1945**	**0.1227**	**0.1903**
bs51	**0.0322**	**0.3695**	**0.1474**	**0.2865**	**0.4187**	**0.2499**	**0.5471**	**0.2680**
bs52	**0.0036**	**0.2448**	**0.1146**	**0.1530**	**0.1712**	**0.2057**	**0.2547**	**0.1964**
bs53	**0.0215**	**0.1382**	**0.0785**	**0.1140**	**0.1458**	**0.0817**	**0.1160**	**0.0918**

	bs17	bs18	bs19	bs20	bs21	bs22	bs23	bs24
bs17	**0.8557**							
bs18	**0.3025**	**0.4013**						
bs19	**0.3436**	**0.2285**	**0.6869**					
bs20	**0.4363**	**0.1830**	**0.4317**	**1.0138**				
bs21	**0.2377**	**0.1541**	**0.3054**	**0.3225**	**0.6800**			
bs22	**0.2011**	**0.0727**	**0.1906**	**0.1864**	**0.2717**	**0.4078**		
bs23	**0.0396**	**0.0055**	**0.2307**	**0.2519**	**0.0973**	**0.0901**	**0.8365**	
bs24	**0.2017**	**0.1225**	**0.1849**	**0.2339**	**0.2883**	**0.1516**	**0.0455**	**0.4443**
bs25	**0.3272**	**0.0798**	**0.3779**	**0.4429**	**0.1832**	**0.2005**	**0.4168**	**0.0915**
bs26	**0.2957**	**0.1502**	**0.3366**	**0.3539**	**0.3281**	**0.1541**	**0.2557**	**0.1723**
bs27	**0.3149**	**0.1304**	**0.3319**	**0.3655**	**0.3195**	**0.1934**	**0.1458**	**0.2430**
bs28	**0.0602**	**0.0237**	**0.0808**	**0.0555**	**0.0236**	**0.0465**	**0.0258**	**0.0366**
bs29	**0.0930**	**0.0445**	**0.2152**	**0.3045**	**0.1643**	**0.0231**	**0.2551**	**0.0610**
bs30	**0.1175**	**0.1082**	**0.2442**	**0.3030**	**0.1433**	**0.0451**	**0.2610**	**0.0743**
bs31	**0.1553**	**0.1094**	**0.2715**	**0.2727**	**0.1946**	**0.1811**	**0.2410**	**0.1959**
bs32	**0.1273**	**0.0564**	**0.2276**	**0.3114**	**0.1624**	**0.1542**	**0.3673**	**0.0890**
bs33	**0.1814**	**0.0945**	**0.3384**	**0.4630**	**0.1541**	**0.0787**	**0.5638**	**0.0689**
bs34	**0.2630**	**0.1774**	**0.2118**	**0.2776**	**0.1847**	**0.1062**	**0.0193**	**0.1472**
bs35	**0.1665**	**0.1011**	**0.2609**	**0.3927**	**0.1941**	**0.1787**	**0.3924**	**0.1563**
bs36	**0.1652**	**0.0503**	**0.2428**	**0.2838**	**0.1472**	**0.1595**	**0.3911**	**0.1083**
bs37	**0.2371**	**0.1151**	**0.3389**	**0.4621**	**0.1300**	**0.1195**	**0.4307**	**0.0438**
bs38	**0.2155**	**0.0720**	**0.2138**	**0.3375**	**0.1734**	**0.1048**	**0.1760**	**0.1146**
bs39	**0.2034**	**0.1065**	**0.1394**	**0.1846**	**0.0876**	**0.0929**	**0.0141**	**0.0736**
bs40	**0.0835**	**0.0737**	**0.2336**	**0.3146**	**0.1228**	**0.0044**	**0.4470**	**0.0267**
bs41	**0.0459**	**0.0427**	**0.1976**	**0.2687**	**0.0722**	**0.0116**	**0.3790**	**0.0105**
bs42	**0.3087**	**0.1896**	**0.2699**	**0.2338**	**0.1652**	**0.1888**	**-0.0211**	**0.1818**
bs43	**0.1937**	**0.0606**	**0.0955**	**0.1507**	**0.0968**	**0.1596**	**0.0437**	**0.0840**
bs44	**0.2496**	**0.1199**	**0.1917**	**0.2338**	**0.1835**	**0.1952**	**0.0723**	**0.1426**
bs45	**0.1779**	**0.1042**	**0.2714**	**0.2021**	**0.1710**	**0.1387**	**0.0855**	**0.0768**
bs46	**0.2523**	**0.1100**	**0.1603**	**0.1738**	**0.2355**	**0.1136**	**0.0699**	**0.1622**
bs47	**0.1514**	**0.0976**	**0.2542**	**0.3700**	**0.2404**	**0.1422**	**0.2095**	**0.2261**
bs48	**0.2871**	**0.1564**	**0.2489**	**0.3077**	**0.4182**	**0.2169**	**0.1334**	**0.3034**
bs49	**0.2889**	**0.1824**	**0.2412**	**0.1720**	**0.2313**	**0.0971**	**0.0325**	**0.1937**
bs50	**0.2274**	**0.1188**	**0.1654**	**0.1641**	**0.2086**	**0.1780**	**0.0429**	**0.1206**
bs51	**0.3237**	**0.1785**	**0.3090**	**0.3740**	**0.2809**	**0.2152**	**0.2616**	**0.2462**
bs52	**0.4209**	**0.2299**	**0.2993**	**0.2695**	**0.2514**	**0.2121**	**-0.0562**	**0.1672**

bs53	**0.0852**	**0.0213**	**0.1048**	**0.1229**	**0.1089**	**0.0952**	**0.1277**	**0.0727**

	bs25	bs26	bs27	bs28	bs29	bs30	bs31	bs32
bs25	**1.2098**							
bs26	**0.4619**	**1.2289**						
bs27	**0.3543**	**0.5475**	**0.9326**					
bs28	**0.0303**	**0.0199**	**0.0680**	**0.1531**				
bs29	**0.2690**	**0.2721**	**0.1427**	**0.1106**	**0.8304**			
bs30	**0.3172**	**0.2208**	**0.2030**	**0.0373**	**0.3541**	**0.6648**		
bs31	**0.2724**	**0.3549**	**0.2855**	**0.0982**	**0.2225**	**0.1806**	**0.7289**	
bs32	**0.4221**	**0.3112**	**0.2869**	**0.0510**	**0.2046**	**0.1977**	**0.2976**	**0.7150**
bs33	**0.5401**	**0.4661**	**0.2515**	**0.0814**	**0.6249**	**0.5349**	**0.3805**	**0.4484**
bs34	**0.0601**	**0.3247**	**0.2241**	**0.0661**	**0.1944**	**0.1240**	**0.2307**	**0.0830**
bs35	**0.5377**	**0.3903**	**0.2743**	**0.0715**	**0.3017**	**0.2961**	**0.3687**	**0.3919**
bs36	**0.4506**	**0.2446**	**0.2293**	**0.1063**	**0.3035**	**0.2771**	**0.2442**	**0.3692**
bs37	**0.6366**	**0.4528**	**0.3152**	**0.0658**	**0.5109**	**0.4634**	**0.3005**	**0.4251**
bs38	**0.3196**	**0.2702**	**0.2579**	**0.0456**	**0.2694**	**0.2121**	**0.2913**	**0.2905**
bs39	**0.1227**	**0.1376**	**0.1605**	**0.0411**	**0.0707**	**0.0754**	**0.1119**	**0.1323**
bs40	**0.4315**	**0.3885**	**0.1117**	**-0.0063**	**0.3164**	**0.2535**	**0.2384**	**0.3598**
bs41	**0.4058**	**0.2661**	**0.1395**	**-0.0115**	**0.2396**	**0.2151**	**0.1403**	**0.3530**
bs42	**0.1240**	**0.2482**	**0.2218**	**0.0324**	**0.0371**	**0.0309**	**0.1739**	**-0.0033**
bs43	**0.1957**	**0.1505**	**0.1505**	**0.1026**	**0.1416**	**0.1877**	**0.1745**	**0.0859**
bs44	**0.1780**	**0.1592**	**0.1823**	**0.1102**	**0.1856**	**0.0361**	**0.2147**	**0.0970**
bs45	**0.2038**	**0.1322**	**0.1959**	**0.1056**	**0.1573**	**0.1114**	**0.1789**	**0.1807**
bs46	**0.1915**	**0.3844**	**0.2536**	**0.0359**	**0.1715**	**0.0624**	**0.1557**	**0.1552**
bs47	**0.3245**	**0.4980**	**0.4482**	**0.0475**	**0.1698**	**0.1519**	**0.3268**	**0.3438**
bs48	**0.2559**	**0.3042**	**0.3322**	**0.0698**	**0.2675**	**0.1584**	**0.2590**	**0.2094**
bs49	**0.1718**	**0.3895**	**0.2406**	**-0.0095**	**0.1158**	**0.0099**	**0.1802**	**0.0100**
bs50	**0.1351**	**0.1421**	**0.1552**	**0.0721**	**0.0973**	**0.0541**	**0.1767**	**0.0655**
bs51	**0.3929**	**0.4098**	**0.3104**	**0.0865**	**0.2531**	**0.1858**	**0.4373**	**0.3098**
bs52	**0.1736**	**0.2542**	**0.2399**	**0.0688**	**0.0982**	**0.0722**	**0.1821**	**0.0732**
bs53	**0.1173**	**0.1153**	**0.0746**	**0.0413**	**0.1384**	**0.1066**	**0.1133**	**0.1091**

	bs33	bs34	bs35	bs36	bs37	bs38	bs39	bs40
bs33	**1.2869**							
bs34	**0.2790**	**0.9457**						
bs35	**0.5287**	**0.1928**	**0.9111**					
bs36	**0.5181**	**0.1401**	**0.4935**	**0.7056**				
bs37	**0.8211**	**0.2206**	**0.5238**	**0.4965**	**1.2918**			
bs38	**0.4030**	**0.1607**	**0.3172**	**0.2777**	**0.4641**	**0.8436**		
bs39	**0.1012**	**0.1332**	**0.1884**	**0.1027**	**0.1634**	**0.1310**	**0.4263**	
bs40	**0.5717**	**0.1063**	**0.4641**	**0.3653**	**0.4470**	**0.2087**	**0.1071**	**0.8910**
bs41	**0.4669**	**0.0270**	**0.3727**	**0.3152**	**0.4143**	**0.2667**	**0.0408**	**0.5678**
bs42	**0.0357**	**0.3533**	**0.0610**	**0.0673**	**0.1033**	**0.1112**	**0.0876**	**-0.0666**
bs43	**0.1824**	**0.1296**	**0.1171**	**0.1854**	**0.2020**	**0.0700**	**0.0784**	**-0.0193**
bs44	**0.1020**	**0.1376**	**0.1574**	**0.1385**	**0.1199**	**0.1781**	**0.1012**	**0.0444**
bs45	**0.1764**	**0.1762**	**0.1937**	**0.1839**	**0.2565**	**0.2017**	**0.1295**	**0.0803**
bs46	**0.2151**	**0.2964**	**0.1507**	**0.1236**	**0.1599**	**0.1693**	**0.0819**	**0.1830**
bs47	**0.3635**	**0.1380**	**0.2669**	**0.1554**	**0.3171**	**0.2726**	**0.1073**	**0.2323**

bs48	**0.3486**	**0.2757**	**0.2018**	**0.2135**	**0.2728**	**0.2491**	**0.0657**	**0.1598**
bs49	**0.0633**	**0.2653**	**-0.0520**	**0.0080**	**0.0672**	**0.2967**	**0.0194**	**0.0594**
bs50	**0.0984**	**0.1553**	**0.1500**	**0.1127**	**0.0953**	**0.1072**	**0.1010**	**0.0968**
bs51	**0.4483**	**0.2209**	**0.3807**	**0.3759**	**0.4168**	**0.4180**	**0.0949**	**0.3024**
bs52	**0.0636**	**0.3374**	**0.0551**	**0.0645**	**0.0994**	**0.1939**	**0.1116**	**-0.0161**
bs53	**0.1896**	**0.0686**	**0.1991**	**0.1605**	**0.1315**	**0.1058**	**0.0676**	**0.1547**

	bs41	bs42	bs43	bs44	bs45	bs46	bs47	bs48
bs41	**0.7534**							
bs42	**0.0101**	**0.7924**						
bs43	**-0.0265**	**0.1678**	**0.6003**					
bs44	**0.0103**	**0.1924**	**0.0762**	**0.5031**				
bs45	**0.1262**	**0.1473**	**0.1044**	**0.1447**	**0.4340**			
bs46	**0.1567**	**0.1556**	**0.0579**	**0.1071**	**0.1197**	**0.9052**		
bs47	**0.1523**	**0.0806**	**0.0661**	**0.1840**	**0.1770**	**0.1722**	**1.0014**	
bs48	**0.1424**	**0.1401**	**0.1393**	**0.2576**	**0.2108**	**0.4740**	**0.3723**	**1.0278**
bs49	**0.0866**	**0.2165**	**0.0720**	**0.1372**	**0.1873**	**0.3977**	**0.3175**	**0.4686**
bs50	**0.0211**	**0.1021**	**0.1176**	**0.1786**	**0.1164**	**0.1233**	**0.0707**	**0.1648**
bs51	**0.2321**	**0.2424**	**0.1948**	**0.2758**	**0.2310**	**0.2032**	**0.3904**	**0.4543**
bs52	**-0.0392**	**0.2721**	**0.1643**	**0.1932**	**0.2021**	**0.1793**	**0.1396**	**0.3214**
bs53	**0.0904**	**-0.0035**	**0.0550**	**0.0788**	**0.1005**	**0.0335**	**0.0999**	**0.1232**

	bs49	bs50	bs51	bs52	bs53
bs49	**1.2681**				
bs50	**0.0783**	**0.3443**			
bs51	**0.2856**	**0.2174**	**0.9214**		
bs52	**0.4410**	**0.2198**	**0.3404**	**0.8918**	
bs53	**0.0193**	**0.1035**	**0.1534**	**0.0978**	**0.2161**

```
173 . display "Alpha reliability of BSItotal for females"
```
Alpha reliability of BSItotal for females

```
174 . alpha `bsItot' if gender==2, item detail

Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
> a						
> —						
bs1	**363**	**+**	**0.5737**	**0.5457**	**.2938921**	**0.952**
> 3						
bs2	**363**	**+**	**0.4707**	**0.4464**	**.2991862**	**0.952**
> 7						
bs3	**363**	**+**	**0.4450**	**0.4281**	**.3022616**	**0.952**
> 9						
bs4	**363**	**+**	**0.5147**	**0.4880**	**.2969238**	**0.952**

> 6					
bs5	**363**	**+**	**0.5620**	**0.5354**	**.2950416**	**0.952**
> 3					
bs6	**363**	**+**	**0.5181**	**0.4917**	**.2969135**	**0.952**
> 5					
bs7	**363**	**+**	**0.6213**	**0.5940**	**.2917803**	**0.952**
> 0					
bs8	**363**	**+**	**0.4368**	**0.4155**	**.3010664**	**0.952**
> 9					
bs9	**363**	**+**	**0.2299**	**0.2158**	**.3059724**	**0.953**
> 4					
bs10	**363**	**+**	**0.5721**	**0.5411**	**.2926572**	**0.952**
> 4					
bs11	**363**	**+**	**0.4142**	**0.3885**	**.3003762**	**0.953**
> 0					
bs12	**363**	**+**	**0.6319**	**0.6118**	**.2952058**	**0.952**
> 0					
bs13	**363**	**+**	**0.5050**	**0.4797**	**.2977692**	**0.952**
> 6					
bs14	**363**	**+**	**0.6318**	**0.6102**	**.2943421**	**0.952**
> 0					
bs15	**363**	**+**	**0.6526**	**0.6305**	**.293028**	**0.951**
> 9					
bs16	**363**	**+**	**0.5369**	**0.5062**	**.2944365**	**0.952**
> 5					
bs17	**363**	**+**	**0.7216**	**0.7009**	**.2895292**	**0.951**
> 4					
bs18	**363**	**+**	**0.5664**	**0.5467**	**.2980278**	**0.952**
> 4					
bs19	**363**	**+**	**0.7020**	**0.6836**	**.2926771**	**0.951**
> 6					
bs20	**363**	**+**	**0.5655**	**0.5359**	**.2935761**	**0.952**
> 4					
bs21	**363**	**+**	**0.6177**	**0.5962**	**.2950836**	**0.952**
> 1					
bs22	**363**	**+**	**0.5573**	**0.5367**	**.2978957**	**0.952**
> 4					
bs23	**363**	**+**	**0.4877**	**0.4637**	**.2987941**	**0.952**
> 7					
bs24	**363**	**+**	**0.5128**	**0.4888**	**.2980087**	**0.952**
> 6					
bs25	**363**	**+**	**0.6205**	**0.5925**	**.2914293**	**0.952**
> 1					
bs26	**363**	**+**	**0.6588**	**0.6329**	**.2903436**	**0.951**
> 8					
bs27	**363**	**+**	**0.6014**	**0.5768**	**.2941848**	**0.952**
> 1					
bs28	**363**	**+**	**0.4759**	**0.4537**	**.2997808**	**0.952**
> 7					

bs29	363	+	0.6303	0.6074	.2937586	0.952
> 0						
bs30	363	+	0.6323	0.6077	.2926219	0.952
> 0						
bs31	363	+	0.5681	0.5438	.2958233	0.952
> 3						
bs32	363	+	0.5345	0.5143	.2988512	0.952
> 5						
bs33	363	+	0.6644	0.6407	.291326	0.951
> 8						
bs34	363	+	0.5225	0.4921	.2952316	0.952
> 6						
bs35	363	+	0.5926	0.5678	.2945015	0.952
> 2						
bs36	363	+	0.6089	0.5869	.2952404	0.952
> 1						
bs37	363	+	0.7306	0.7107	.2895075	0.951
> 4						
bs38	363	+	0.6515	0.6284	.2924392	0.951
> 9						
bs39	363	+	0.4821	0.4605	.2997847	0.952
> 7						
bs40	363	+	0.3274	0.3081	.3037465	0.953
> 2						
bs41	363	+	0.2710	0.2485	.3041585	0.953
> 4						
bs42	363	+	0.4241	0.3927	.2985417	0.953
> 0						
bs43	363	+	0.5147	0.4848	.295732	0.952
> 6						
bs44	363	+	0.5314	0.5118	.2991614	0.952
> 5						
bs45	363	+	0.6779	0.6597	.2942422	0.951
> 8						
bs46	363	+	0.3841	0.3578	.3010027	0.953
> 1						
bs47	363	+	0.4259	0.3931	.2981062	0.953
> 1						
bs48	363	+	0.5224	0.4918	.2951566	0.952
> 6						
bs49	363	+	0.4371	0.4020	.2970775	0.953
> 1						
bs50	363	+	0.4573	0.4393	.3016468	0.952
> 8						
bs51	363	+	0.4796	0.4489	.2968176	0.952
> 8						
bs52	363	+	0.5717	0.5443	.2942941	0.952
> 3						
bs53	363	+	0.4424	0.4262	.3025426	0.952

```
> 9
-------------+----------------------------------------------------------------
> —
Test scale   |                                              .2964433       0.953
> 3
-------------+----------------------------------------------------------------
> —
```

Interitem covariances (obs=363 in all pairs)

	bs1	bs2	bs3	bs4	bs5	bs6	bs7	bs8
bs1	1.4219							
bs2	0.3398	0.8199						
bs3	0.2011	0.2123	0.3772					
bs4	0.3796	0.2590	0.1634	1.0879				
bs5	0.4694	0.3193	0.2427	0.3495	1.2426			
bs6	0.6541	0.3000	0.1632	0.4590	0.3744	1.0737		
bs7	0.6147	0.3748	0.1830	0.4125	0.6446	0.4627	1.5952	
bs8	0.1242	0.1266	0.1307	0.1699	0.2270	0.1739	0.3014	0.5844
bs9	0.0533	0.0488	0.0707	0.0634	0.0572	0.0413	0.0900	0.0839
bs10	0.5197	0.2535	0.2071	0.5448	0.3852	0.4087	0.5659	0.1228
bs11	0.2369	0.2668	0.1835	0.1085	0.2046	0.2269	0.2728	0.1970
bs12	0.4142	0.3294	0.2410	0.4334	0.3769	0.3349	0.4460	0.1919
bs13	0.3839	0.1435	0.2109	0.3567	0.4241	0.4433	0.2218	0.1143
bs14	0.4259	0.1644	0.1953	0.2745	0.3756	0.3086	0.4955	0.2154
bs15	0.3720	0.3279	0.2339	0.3689	0.4451	0.3283	0.4283	0.1711
bs16	0.4011	0.1596	0.1662	0.3325	0.3738	0.3456	0.5860	0.2524
bs17	0.6198	0.3481	0.1558	0.4495	0.4391	0.4624	0.6789	0.2624
bs18	0.3054	0.1358	0.1092	0.2277	0.2640	0.2619	0.3902	0.2107
bs19	0.5264	0.2617	0.1241	0.3320	0.3697	0.3591	0.4950	0.2064
bs20	0.3765	0.2741	0.1547	0.2313	0.3838	0.3926	0.4903	0.2454
bs21	0.3487	0.2078	0.1928	0.3414	0.2764	0.2706	0.3901	0.2511
bs22	0.2089	0.1839	0.1786	0.2291	0.3142	0.2218	0.3560	0.2240
bs23	0.2960	0.5271	0.1399	0.2130	0.4141	0.3106	0.4049	0.0941
bs24	0.2948	0.2017	0.1956	0.3133	0.1987	0.2480	0.2252	0.0855
bs25	0.6060	0.3438	0.1879	0.3783	0.4909	0.4011	0.8780	0.1893
bs26	0.4707	0.3169	0.1975	0.4667	0.4808	0.3222	0.5790	0.2152
bs27	0.4556	0.2906	0.1618	0.4199	0.3121	0.2865	0.3998	0.1847
bs28	0.2407	0.1889	0.0793	0.2009	0.1674	0.2490	0.2161	0.2269
bs29	0.4006	0.3106	0.1619	0.3239	0.5187	0.3310	0.8565	0.2888
bs30	0.4353	0.2454	0.1434	0.3530	0.5254	0.2253	0.6916	0.2088
bs31	0.3871	0.2204	0.1343	0.2406	0.3063	0.2002	0.4297	0.1715
bs32	0.2876	0.2446	0.1689	0.2020	0.2861	0.1935	0.2564	0.1345
bs33	0.4369	0.3942	0.2288	0.3856	0.6392	0.2903	0.8168	0.3043
bs34	0.3934	0.1165	0.1190	0.2077	0.3530	0.1394	0.3471	0.0868
bs35	0.3989	0.2539	0.1757	0.2740	0.4433	0.3122	0.3699	0.1824
bs36	0.3103	0.2330	0.1464	0.2495	0.5120	0.3195	0.4742	0.1621
bs37	0.6189	0.4109	0.2092	0.3733	0.6590	0.3557	0.9242	0.3357
bs38	0.4935	0.2602	0.1760	0.3109	0.4377	0.4420	0.5126	0.2961

bs39	0.2862	0.0825	0.0403	0.1483	0.2615	0.1853	0.4118	0.1082
bs40	0.1081	0.0960	0.0855	0.1029	0.1172	0.0827	0.1432	0.0620
bs41	0.1340	0.1570	0.1290	0.1732	0.0616	0.1778	0.0029	0.0736
bs42	0.2614	0.0888	-0.0164	0.2477	0.1713	-0.0014	0.2813	0.0513
bs43	0.4213	0.1461	0.0314	0.1535	0.3668	0.1847	0.5601	0.3074
bs44	0.2053	0.1273	0.1037	0.2551	0.2127	0.2079	0.3312	0.1417
bs45	0.4526	0.2320	0.1231	0.3695	0.3708	0.3913	0.4597	0.2491
bs46	0.3129	0.1492	0.0530	0.1922	0.1742	0.3183	0.1367	0.0720
bs47	0.4094	0.1547	0.0856	0.2251	0.2713	0.2404	0.3320	0.1993
bs48	0.2519	0.0947	0.1876	0.3680	0.2434	0.2812	0.2468	0.2326
bs49	0.4021	0.2188	0.1165	0.2909	0.1493	0.2495	0.3673	0.1074
bs50	0.1422	0.0666	0.0597	0.1753	0.0890	0.1385	0.1581	0.1291
bs51	0.3447	0.2310	0.1384	0.2463	0.3053	0.2090	0.3522	0.1214
bs52	0.4367	0.2107	0.0903	0.3290	0.2879	0.3525	0.4117	0.1196
bs53	0.1269	0.1270	0.1265	0.1019	0.1302	0.1542	0.1207	0.1411

	bs9	bs10	bs11	bs12	bs13	bs14	bs15	bs16
bs9	0.1911							
bs10	0.0284	1.7165						
bs11	0.0464	0.1963	0.8087					
bs12	0.0945	0.5023	0.2696	0.9271				
bs13	0.0465	0.3898	0.0983	0.4181	0.9588			
bs14	0.0693	0.5263	0.2112	0.4316	0.3529	1.0644		
bs15	0.0870	0.6829	0.2323	0.4345	0.3515	0.4583	1.2019	
bs16	0.0711	0.4380	0.1843	0.3211	0.2199	0.7798	0.3474	1.5258
bs17	0.0695	0.6245	0.2041	0.4074	0.3273	0.6480	0.5714	0.8249
bs18	0.0489	0.3149	0.1544	0.2427	0.1963	0.3650	0.2954	0.4553
bs19	0.0573	0.5821	0.2685	0.4892	0.3679	0.4189	0.5133	0.4684
bs20	0.0779	0.5000	0.2737	0.3078	0.1988	0.3828	0.5231	0.6062
bs21	0.0655	0.4995	0.2249	0.3149	0.2582	0.4249	0.4858	0.4465
bs22	0.0691	0.3413	0.1680	0.2138	0.1948	0.4424	0.3613	0.4683
bs23	0.0150	0.2300	0.2499	0.3272	0.2266	0.2232	0.3563	0.2706
bs24	0.0395	0.5252	0.1182	0.3673	0.3508	0.3900	0.4024	0.3099
bs25	0.1026	0.5948	0.3580	0.5117	0.2856	0.5113	0.5386	0.5770
bs26	0.0492	0.8297	0.2013	0.4841	0.4095	0.4644	0.7093	0.4529
bs27	0.0747	0.3866	0.1718	0.3369	0.2195	0.3287	0.5153	0.4112
bs28	0.0210	0.2648	0.2215	0.2440	0.2073	0.2308	0.2918	0.1798
bs29	0.0663	0.3847	0.2533	0.3888	0.2124	0.4461	0.3788	0.4759
bs30	0.0890	0.4292	0.2775	0.4226	0.3367	0.4155	0.6053	0.3005
bs31	0.0122	0.2604	0.1505	0.2969	0.2625	0.4027	0.4696	0.3590
bs32	0.1071	0.2189	0.2105	0.2112	0.2436	0.1955	0.3098	0.2124
bs33	0.0426	0.4331	0.2814	0.4502	0.3198	0.4359	0.5862	0.3882
bs34	0.0492	0.4437	0.1397	0.3674	0.2738	0.3856	0.4334	0.3266
bs35	0.0805	0.3138	0.2715	0.3370	0.2521	0.3994	0.4809	0.5751
bs36	0.0350	0.2836	0.2827	0.3076	0.2422	0.2910	0.4383	0.3913
bs37	0.0547	0.5833	0.4320	0.4321	0.2172	0.5325	0.6235	0.6209
bs38	0.0447	0.4176	0.3882	0.4179	0.4380	0.4666	0.4902	0.3747
bs39	0.0618	0.1776	0.1239	0.1398	0.0934	0.2891	0.2289	0.4010
bs40	0.0228	0.1225	0.0830	0.1128	0.2020	0.1258	0.1083	0.0651

bs41	**0.0269**	**0.2133**	**0.1016**	**0.1204**	**0.2166**	**0.1371**	**0.1287**	**0.0331**
bs42	**0.0443**	**0.4456**	**0.0970**	**0.3084**	**0.0819**	**0.2560**	**0.3721**	**0.3376**
bs43	**0.0467**	**0.3096**	**0.2436**	**0.3072**	**0.2744**	**0.4058**	**0.3380**	**0.4016**
bs44	**0.0719**	**0.3112**	**0.1162**	**0.1915**	**0.1874**	**0.3573**	**0.2399**	**0.4216**
bs45	**0.0168**	**0.5072**	**0.1704**	**0.4645**	**0.4145**	**0.3217**	**0.3866**	**0.2967**
bs46	**0.0019**	**0.3864**	**0.0448**	**0.2322**	**0.2901**	**0.2233**	**0.2606**	**0.0934**
bs47	**0.0200**	**0.3002**	**0.1397**	**0.2890**	**0.1976**	**0.1935**	**0.2398**	**0.2099**
bs48	**0.0569**	**0.6724**	**0.1453**	**0.3587**	**0.3171**	**0.3164**	**0.5107**	**0.2587**
bs49	**0.0356**	**0.5245**	**0.2025**	**0.4157**	**0.3728**	**0.2856**	**0.4218**	**0.1139**
bs50	**0.0555**	**0.1738**	**0.0685**	**0.1431**	**0.1897**	**0.1826**	**0.1648**	**0.2006**
bs51	**0.0164**	**0.4363**	**0.1551**	**0.2576**	**0.1616**	**0.3804**	**0.3670**	**0.2351**
bs52	**0.0445**	**0.4205**	**0.1462**	**0.4598**	**0.2882**	**0.4441**	**0.3683**	**0.3725**
bs53	**0.0346**	**0.2011**	**0.1252**	**0.1370**	**0.1534**	**0.1968**	**0.1588**	**0.1608**

	bs17	bs18	bs19	bs20	bs21	bs22	bs23	bs24
bs17	**1.4950**							
bs18	**0.4566**	**0.7008**						
bs19	**0.7273**	**0.4204**	**1.0718**					
bs20	**0.7794**	**0.3983**	**0.6479**	**1.5429**				
bs21	**0.4768**	**0.3076**	**0.4026**	**0.4892**	**0.9952**			
bs22	**0.4235**	**0.2821**	**0.3021**	**0.3929**	**0.4511**	**0.7469**		
bs23	**0.3220**	**0.1987**	**0.3054**	**0.2764**	**0.2275**	**0.1741**	**0.8294**	
bs24	**0.3463**	**0.1922**	**0.2943**	**0.3406**	**0.4260**	**0.2642**	**0.2103**	**0.8804**
bs25	**0.6442**	**0.3448**	**0.5289**	**0.5796**	**0.4426**	**0.3290**	**0.3258**	**0.4320**
bs26	**0.7381**	**0.3743**	**0.6364**	**0.6759**	**0.5334**	**0.3106**	**0.2876**	**0.3878**
bs27	**0.5607**	**0.3368**	**0.5035**	**0.4955**	**0.4047**	**0.2981**	**0.2831**	**0.2595**
bs28	**0.3565**	**0.2275**	**0.3734**	**0.2222**	**0.2631**	**0.1844**	**0.2095**	**0.1744**
bs29	**0.5497**	**0.2501**	**0.4038**	**0.4714**	**0.3830**	**0.3032**	**0.3795**	**0.2846**
bs30	**0.6762**	**0.2209**	**0.5344**	**0.4881**	**0.3876**	**0.3226**	**0.3356**	**0.2475**
bs31	**0.5734**	**0.2153**	**0.3855**	**0.3206**	**0.3932**	**0.3399**	**0.2658**	**0.2407**
bs32	**0.3330**	**0.2133**	**0.3194**	**0.2629**	**0.2279**	**0.1648**	**0.1963**	**0.1799**
bs33	**0.6757**	**0.3535**	**0.5550**	**0.5093**	**0.4381**	**0.3524**	**0.3812**	**0.2270**
bs34	**0.5973**	**0.2238**	**0.4435**	**0.4484**	**0.3804**	**0.2409**	**0.2196**	**0.3437**
bs35	**0.4978**	**0.3130**	**0.4134**	**0.5454**	**0.4554**	**0.3946**	**0.2523**	**0.3132**
bs36	**0.4880**	**0.3066**	**0.4144**	**0.4079**	**0.3029**	**0.2781**	**0.2265**	**0.1611**
bs37	**0.7915**	**0.4010**	**0.5964**	**0.6065**	**0.5083**	**0.4077**	**0.4462**	**0.2819**
bs38	**0.5851**	**0.3302**	**0.5249**	**0.4410**	**0.4093**	**0.2682**	**0.3112**	**0.2918**
bs39	**0.3986**	**0.1987**	**0.2632**	**0.3307**	**0.2840**	**0.1996**	**0.1754**	**0.1729**
bs40	**0.1217**	**0.0939**	**0.1374**	**0.0111**	**0.1100**	**0.0872**	**0.0780**	**0.1578**
bs41	**0.1002**	**0.0197**	**0.0487**	**0.0228**	**0.0925**	**0.1100**	**0.0740**	**0.1782**
bs42	**0.4815**	**0.2254**	**0.4232**	**0.2862**	**0.2670**	**0.2116**	**0.1178**	**0.2393**
bs43	**0.5933**	**0.2930**	**0.5234**	**0.3295**	**0.2845**	**0.2191**	**0.2397**	**0.1147**
bs44	**0.4107**	**0.2412**	**0.2793**	**0.2729**	**0.2979**	**0.3296**	**0.0934**	**0.1721**
bs45	**0.5357**	**0.2964**	**0.5259**	**0.3622**	**0.3766**	**0.1936**	**0.2585**	**0.3035**
bs46	**0.2753**	**0.0786**	**0.2913**	**0.1732**	**0.1872**	**0.0507**	**0.1571**	**0.2301**
bs47	**0.4036**	**0.2365**	**0.3636**	**0.2300**	**0.2209**	**0.2028**	**0.1468**	**0.1746**
bs48	**0.5058**	**0.2911**	**0.5319**	**0.5435**	**0.4765**	**0.3626**	**0.0679**	**0.3485**
bs49	**0.5326**	**0.2642**	**0.5083**	**0.2935**	**0.2289**	**-0.0066**	**0.1959**	**0.2171**
bs50	**0.2078**	**0.1821**	**0.1534**	**0.2064**	**0.2376**	**0.1732**	**0.0504**	**0.1090**

bs51	**0.4486**	**0.1349**	**0.1796**	**0.3456**	**0.3534**	**0.3102**	**0.1974**	**0.3779**
bs52	**0.7115**	**0.3081**	**0.4689**	**0.4152**	**0.3278**	**0.1942**	**0.1986**	**0.2406**
bs53	**0.1643**	**0.1054**	**0.1386**	**0.1756**	**0.1635**	**0.1907**	**0.1141**	**0.1379**

	bs25	bs26	bs27	bs28	bs29	bs30	bs31	bs32
bs25	**1.6755**							
bs26	**0.6556**	**1.6718**						
bs27	**0.4768**	**0.6781**	**1.2194**					
bs28	**0.3073**	**0.2894**	**0.2524**	**0.6896**				
bs29	**0.6722**	**0.5308**	**0.3554**	**0.2159**	**1.1694**			
bs30	**0.6501**	**0.6207**	**0.4361**	**0.3206**	**0.6783**	**1.3668**		
bs31	**0.3231**	**0.4561**	**0.4544**	**0.2399**	**0.3961**	**0.5400**	**1.0614**	
bs32	**0.3955**	**0.2936**	**0.2945**	**0.1638**	**0.2779**	**0.2987**	**0.2350**	**0.6656**
bs33	**0.6620**	**0.7801**	**0.5739**	**0.1993**	**0.7598**	**0.7695**	**0.5304**	**0.3653**
bs34	**0.4687**	**0.5478**	**0.4202**	**0.1573**	**0.4074**	**0.6305**	**0.4130**	**0.2289**
bs35	**0.4499**	**0.4764**	**0.4897**	**0.2110**	**0.3997**	**0.4582**	**0.3821**	**0.3888**
bs36	**0.4604**	**0.4972**	**0.4144**	**0.1943**	**0.4061**	**0.4448**	**0.3508**	**0.3582**
bs37	**0.8253**	**0.6264**	**0.5857**	**0.3223**	**0.7603**	**0.6851**	**0.4794**	**0.3606**
bs38	**0.6143**	**0.5831**	**0.4360**	**0.3247**	**0.5236**	**0.6226**	**0.4686**	**0.3506**
bs39	**0.3838**	**0.2582**	**0.3106**	**0.1078**	**0.3305**	**0.3201**	**0.2527**	**0.2153**
bs40	**0.2053**	**0.1170**	**0.1241**	**0.0936**	**0.1471**	**0.1171**	**0.0918**	**0.1553**
bs41	**0.1043**	**0.0887**	**0.1022**	**0.0273**	**0.0760**	**0.0370**	**0.0519**	**0.1421**
bs42	**0.2755**	**0.5699**	**0.4732**	**0.1314**	**0.1006**	**0.4455**	**0.3471**	**0.0969**
bs43	**0.5508**	**0.4223**	**0.3550**	**0.3504**	**0.3995**	**0.5152**	**0.4358**	**0.2660**
bs44	**0.3284**	**0.2905**	**0.2628**	**0.1707**	**0.2464**	**0.2117**	**0.2067**	**0.2584**
bs45	**0.5079**	**0.5906**	**0.3762**	**0.3442**	**0.3783**	**0.4703**	**0.3662**	**0.2835**
bs46	**0.2531**	**0.3055**	**0.2212**	**0.1322**	**0.1105**	**0.1034**	**0.1543**	**0.1295**
bs47	**0.2847**	**0.5304**	**0.3485**	**0.2118**	**0.3562**	**0.3150**	**0.2767**	**0.1304**
bs48	**0.2705**	**0.6548**	**0.4438**	**0.1711**	**0.3117**	**0.3595**	**0.2724**	**0.2251**
bs49	**0.3271**	**0.6223**	**0.2361**	**0.2329**	**0.2172**	**0.4257**	**0.2622**	**0.2239**
bs50	**0.1536**	**0.2324**	**0.2527**	**0.1220**	**0.1751**	**0.1699**	**0.1498**	**0.1429**
bs51	**0.3293**	**0.4548**	**0.3501**	**0.1137**	**0.4166**	**0.3440**	**0.4239**	**0.1078**
bs52	**0.4402**	**0.5316**	**0.4358**	**0.2037**	**0.3724**	**0.4689**	**0.4693**	**0.3171**
bs53	**0.1062**	**0.2055**	**0.1522**	**0.1376**	**0.1298**	**0.1067**	**0.1693**	**0.1362**

	bs33	bs34	bs35	bs36	bs37	bs38	bs39	bs40
bs33	**1.4506**							
bs34	**0.4073**	**1.4276**						
bs35	**0.5434**	**0.4645**	**1.2005**					
bs36	**0.4807**	**0.4254**	**0.5571**	**1.0018**				
bs37	**0.8730**	**0.4834**	**0.6326**	**0.6068**	**1.4574**			
bs38	**0.6236**	**0.4355**	**0.4859**	**0.4807**	**0.7810**	**1.3094**		
bs39	**0.3336**	**0.1965**	**0.3276**	**0.1943**	**0.4264**	**0.3199**	**0.6688**	
bs40	**0.1845**	**0.0514**	**0.0707**	**0.1289**	**0.1911**	**0.1801**	**0.0367**	**0.4015**
bs41	**0.1016**	**0.0348**	**0.1140**	**0.0884**	**0.0868**	**0.1793**	**-0.0083**	**0.1691**
bs42	**0.2638**	**0.4744**	**0.2988**	**0.2781**	**0.3850**	**0.2336**	**0.1426**	**0.0229**
bs43	**0.4641**	**0.3853**	**0.2652**	**0.3683**	**0.6155**	**0.4651**	**0.2906**	**0.1328**
bs44	**0.3129**	**0.1889**	**0.3759**	**0.2937**	**0.3693**	**0.3019**	**0.1901**	**0.1068**
bs45	**0.4765**	**0.4303**	**0.3448**	**0.4669**	**0.5382**	**0.5665**	**0.1663**	**0.1702**

```
    bs46   0.1349   0.2116   0.1232   0.1648   0.1297   0.2275   0.1033   0.0908
    bs47   0.3703   0.3535   0.1879   0.3195   0.3408   0.3202   0.1063   0.0903
    bs48   0.4317   0.3726   0.3391   0.4070   0.3816   0.4023   0.1915   0.1199
    bs49   0.3762   0.3312   0.0637   0.2357   0.3274   0.4199   0.0445   0.0604
    bs50   0.2237   0.2362   0.2679   0.1814   0.1912   0.1786   0.1348   0.0688
    bs51   0.4201   0.4543   0.3951   0.3002   0.4910   0.4282   0.1770   0.1352
    bs52   0.4406   0.6167   0.3927   0.4319   0.4933   0.4563   0.2691   0.1553
    bs53   0.1719   0.1143   0.1779   0.2099   0.2001   0.1866   0.0997   0.0768

             bs41     bs42     bs43     bs44     bs45     bs46     bs47     bs48
    bs41   0.5045
    bs42  -0.0405   1.2215
    bs43   0.0061   0.3278   1.3561
    bs44   0.1289   0.1688   0.2178   0.6272
    bs45   0.1449   0.2738   0.4432   0.2847   0.9239
    bs46   0.1339   0.1668   0.1864   0.0489   0.2822   0.8031
    bs47   0.0766   0.3300   0.3431   0.1816   0.3933   0.1237   1.3356
    bs48   0.2704   0.3520   0.2516   0.2686   0.3715   0.3559   0.3883   1.4465
    bs49   0.1180   0.3286   0.3640   0.1091   0.4566   0.3382   0.3814   0.5154
    bs50   0.0629   0.1804   0.1688   0.2021   0.2198   0.0899   0.1735   0.2622
    bs51   0.1529   0.2803   0.1682   0.1471   0.2449   0.2050   0.3261   0.4746
    bs52   0.1191   0.4434   0.3640   0.2189   0.4495   0.3312   0.3654   0.3905
    bs53   0.0835   0.0029   0.1401   0.1410   0.2133   0.1273   0.0986   0.1954

             bs49     bs50     bs51     bs52     bs53
    bs49   1.5599
    bs50   0.1885   0.4389
    bs51   0.2965   0.2407   1.3112
    bs52   0.4509   0.2630   0.5707   1.3473
    bs53   0.1123   0.1251   0.1652   0.1557   0.3442

175 . display "{hline}"
------------------------------------------------------------------------------

176 .
177 .
178 . cap drop bsp1-bsp53
```

```
179 . gen  bsp1 =  bs1 if bs1 > 0
    (4 missing values generated)

180 . gen  bsp2 =  bs2 if bs2 > 0
    (4 missing values generated)

181 . gen  bsp3 =  bs3 if bs3 > 0
    (3 missing values generated)

182 . gen  bsp4 =  bs4 if bs4 > 0
    (3 missing values generated)

183 . gen  bsp5 =  bs5 if bs5 > 0
    (3 missing values generated)

184 . gen  bsp6 =  bs6 if bs6 > 0
    (3 missing values generated)

185 . gen  bsp7 =  bs7 if bs7 > 0
    (5 missing values generated)

186 . gen  bsp8 =  bs8 if bs8 > 0
    (4 missing values generated)

187 . gen  bsp9 =  bs9 if bs9 > 0
    (5 missing values generated)

188 . gen  bsp10 = bs10 if bs10 > 0
    (3 missing values generated)

189 . gen  bsp11 = bs11 if bs11 > 0
    (4 missing values generated)

190 . gen  bsp12 = bs12 if bs12 > 0
    (4 missing values generated)

191 . gen  bsp13 = bs13 if bs13 > 0
    (3 missing values generated)
```

```
192 . gen  bsp14 = bs14 if bs14 > 0
    (5 missing values generated)

193 . gen  bsp15 = bs15 if bs15 > 0

194 . gen  bsp16 = bs16 if bs16 > 0
    (3 missing values generated)

195 . gen  bsp17 = bs17 if bs17 > 0
    (2 missing values generated)

196 . gen  bsp18 = bs18 if bs18 > 0
    (1 missing value generated)

197 . gen  bsp19 = bs19 if bs19 > 0
    (2 missing values generated)

198 . gen  bsp20 = bs20 if bs20 > 0
    (1 missing value generated)

199 . gen  bsp21 = bs21 if bs21 > 0

200 . gen  bsp22 = bs22 if bs22 > 0
    (3 missing values generated)

201 . gen  bsp23 = bs23 if bs23 > 0
    (1 missing value generated)

202 . gen  bsp24 = bs24 if bs24 > 0
    (2 missing values generated)

203 . gen  bsp25 = bs25 if bs25 > 0
    (1 missing value generated)

204 . gen  bsp26 = bs26 if bs26 > 0
    (1 missing value generated)
```

```
205 . gen  bsp27 = bs27 if bs27 > 0
    (2 missing values generated)

206 . gen  bsp28 = bs28 if bs28 > 0
    (1 missing value generated)

207 . gen  bsp29 = bs29 if bs29 > 0
    (3 missing values generated)

208 . gen  bsp30 = bs30 if bs30 > 0
    (1 missing value generated)

209 . gen  bsp31 = bs31 if bs31 > 0
    (3 missing values generated)

210 . gen  bsp32 = bs32 if bs32 > 0
    (2 missing values generated)

211 . gen  bsp33 = bs33 if bs33 > 0
    (5 missing values generated)

212 . gen  bsp34 = bs34 if bs34 > 0
    (3 missing values generated)

213 . gen  bsp35 = bs35 if bs35 > 0
    (2 missing values generated)

214 . gen  bsp36 = bs36 if bs36 > 0
    (9 missing values generated)

215 . gen  bsp37 = bs37 if bs37 > 0
    (1 missing value generated)

216 . gen  bsp38 = bs38 if bs38 > 0

217 . gen  bsp39 = bs39 if bs39 > 0
```

```
218 . gen  bsp40 = bs40 if bs40 > 0
    (3 missing values generated)

219 . gen  bsp41 = bs41 if bs41 > 0

220 . gen  bsp42 = bs42 if bs42 > 0
    (1 missing value generated)

221 . gen  bsp43 = bs43 if bs43 > 0

222 . gen  bsp44 = bs44 if bs44 > 0
    (4 missing values generated)

223 . gen  bsp45 = bs45 if bs45 > 0
    (3 missing values generated)

224 . gen  bsp46 = bs46 if bs46 > 0
    (3 missing values generated)

225 . gen  bsp47 = bs47 if bs47 > 0

226 . gen  bsp48 = bs48 if bs48 > 0
    (3 missing values generated)

227 . gen  bsp49 = bs49 if bs49 > 0

228 . gen  bsp50 = bs50 if bs50 > 0
    (1 missing value generated)

229 . gen  bsp51 = bs51 if bs51 > 0

230 . gen  bsp52 = bs52 if bs52 > 0
    (3 missing values generated)

231 . gen  bsp53 = bs53 if bs53 > 0
    (2 missing values generated)
```

```
232 .
233 . cap drop BSIposymp

234 . egen BSIposymp= rowtotal(bsp1-bsp50)

235 . label var BSIposymp "Brief Symptom inventory positive symptom total subscale
    > "

236 . tab BSIposymp,missing
```

Brief Symptom inventory positive symptom total subscale	Freq.	Percent	Cum.
49	2	0.28	0.28
50	28	3.99	4.27
51	13	1.85	6.13
52	18	2.56	8.69
53	16	2.28	10.97
54	11	1.57	12.54
55	18	2.56	15.10
56	19	2.71	17.81
57	14	1.99	19.80
58	19	2.71	22.51
59	11	1.57	24.07
60	9	1.28	25.36
61	16	2.28	27.64
62	14	1.99	29.63
63	12	1.71	31.34
64	14	1.99	33.33
65	25	3.56	36.89
66	10	1.42	38.32
67	7	1.00	39.32
68	14	1.99	41.31
69	10	1.42	42.74
70	10	1.42	44.16
71	6	0.85	45.01
72	18	2.56	47.58
73	13	1.85	49.43
74	10	1.42	50.85
75	11	1.57	52.42
76	14	1.99	54.42
77	3	0.43	54.84
78	9	1.28	56.13
79	8	1.14	57.26

80	8	1.14	58.40
81	6	0.85	59.26
82	12	1.71	60.97
83	5	0.71	61.68
84	8	1.14	62.82
85	11	1.57	64.39
86	8	1.14	65.53
87	9	1.28	66.81
88	8	1.14	67.95
89	8	1.14	69.09
90	3	0.43	69.52
91	9	1.28	70.80
92	10	1.42	72.22
93	7	1.00	73.22
94	6	0.85	74.07
95	9	1.28	75.36
96	8	1.14	76.50
97	3	0.43	76.92
98	6	0.85	77.78
99	7	1.00	78.77
100	1	0.14	78.92
101	5	0.71	79.63
102	6	0.85	80.48
103	6	0.85	81.34
104	7	1.00	82.34
105	6	0.85	83.19
106	1	0.14	83.33
107	3	0.43	83.76
108	2	0.28	84.05
109	7	1.00	85.04
110	4	0.57	85.61
111	3	0.43	86.04
112	3	0.43	86.47
113	6	0.85	87.32
114	6	0.85	88.18
115	2	0.28	88.46
116	6	0.85	89.32
117	2	0.28	89.60
118	4	0.57	90.17
119	3	0.43	90.60
120	6	0.85	91.45
121	2	0.28	91.74
122	2	0.28	92.02
123	2	0.28	92.31
124	5	0.71	93.02
125	3	0.43	93.45
126	1	0.14	93.59
127	4	0.57	94.16
129	2	0.28	94.44

130	**2**	**0.28**	**94.73**
131	**5**	**0.71**	**95.44**
132	**1**	**0.14**	**95.58**
134	**1**	**0.14**	**95.73**
135	**3**	**0.43**	**96.15**
136	**1**	**0.14**	**96.30**
139	**1**	**0.14**	**96.44**
140	**2**	**0.28**	**96.72**
141	**1**	**0.14**	**96.87**
142	**1**	**0.14**	**97.01**
146	**2**	**0.28**	**97.29**
147	**1**	**0.14**	**97.44**
148	**2**	**0.28**	**97.72**
149	**1**	**0.14**	**97.86**
151	**1**	**0.14**	**98.01**
153	**1**	**0.14**	**98.15**
154	**1**	**0.14**	**98.29**
155	**2**	**0.28**	**98.58**
160	**1**	**0.14**	**98.72**
161	**2**	**0.28**	**99.00**
163	**1**	**0.14**	**99.15**
172	**1**	**0.14**	**99.29**
180	**1**	**0.14**	**99.43**
181	**1**	**0.14**	**99.57**
183	**1**	**0.14**	**99.72**
185	**1**	**0.14**	**99.86**
191	**1**	**0.14**	**100.00**
Total	**702**	**100.00**	

```
237 . summarize BSIposymp
```

Variable	Obs	Mean	Std. Dev.	Min	Max
BSIposymp	**702**	**80.89459**	**26.45838**	**49**	**191**

```
238 .
```

```
239 . // Reliability analysis for BSIposymp
240 . // alpha reliability of BSItotal for whole sample
241 . loc bsIps "bsp1-bsp53"

242 . alpha `bsIps', item detail

    Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bsp1	698	+	0.5898	0.5614	.2599076	0.952
bsp2	698	+	0.4885	0.4613	.2641019	0.952
bsp3	699	+	0.4321	0.4158	.2685678	0.953
bsp4	699	+	0.5294	0.5035	.2632279	0.952
bsp5	699	+	0.5809	0.5552	.2614336	0.952
bsp6	699	+	0.5612	0.5355	.2621797	0.952
bsp7	697	+	0.6331	0.6052	.2579901	0.952
bsp8	698	+	0.3960	0.3778	.2686209	0.953
bsp9	697	+	0.2516	0.2391	.2714417	0.953
bsp10	699	+	0.5790	0.5485	.259543	0.952
bsp11	698	+	0.4077	0.3832	.2669241	0.953
bsp12	698	+	0.6454	0.6263	.2618943	0.952
bsp13	699	+	0.5569	0.5312	.262393	0.952
bsp14	697	+	0.5843	0.5619	.2626871	0.952
bsp15	702	+	0.6613	0.6388	.2593347	0.952
bsp16	699	+	0.5400	0.5105	.2616237	0.952
bsp17	700	+	0.6685	0.6451	.2584609	0.951
bsp18	701	+	0.5113	0.4909	.2656844	0.952

> 8					
bsp19	**700**	**+**	**0.6990**	**0.6807**	**.2600395**	**0.951**
> 8					
bsp20	**701**	**+**	**0.6282**	**0.6015**	**.2588476**	**0.952**
> 2					
bsp21	**702**	**+**	**0.5901**	**0.5678**	**.2625198**	**0.952**
> 4					
bsp22	**699**	**+**	**0.5470**	**0.5271**	**.2649091**	**0.952**
> 6					
bsp23	**701**	**+**	**0.4915**	**0.4660**	**.2645221**	**0.952**
> 8					
bsp24	**700**	**+**	**0.5073**	**0.4847**	**.265038**	**0.952**
> 8					
bsp25	**701**	**+**	**0.6353**	**0.6081**	**.2582357**	**0.952**
> 1					
bsp26	**701**	**+**	**0.6498**	**0.6231**	**.257719**	**0.952**
> 0					
bsp27	**700**	**+**	**0.6027**	**0.5775**	**.2607564**	**0.952**
> 3					
bsp28	**701**	**+**	**0.4388**	**0.4192**	**.2675314**	**0.953**
> 0					
bsp29	**699**	**+**	**0.5980**	**0.5741**	**.2614737**	**0.952**
> 3					
bsp30	**701**	**+**	**0.6151**	**0.5908**	**.2606616**	**0.952**
> 2					
bsp31	**699**	**+**	**0.5878**	**0.5645**	**.2622887**	**0.952**
> 4					
bsp32	**700**	**+**	**0.5349**	**0.5131**	**.264527**	**0.952**
> 6					
bsp33	**697**	**+**	**0.6629**	**0.6383**	**.2580457**	**0.952**
> 0					
bsp34	**699**	**+**	**0.4961**	**0.4652**	**.2627209**	**0.952**
> 9					
bsp35	**700**	**+**	**0.6161**	**0.5923**	**.2607776**	**0.952**
> 2					
bsp36	**693**	**+**	**0.6251**	**0.6044**	**.2619043**	**0.952**
> 2					
bsp37	**701**	**+**	**0.7059**	**0.6833**	**.2566579**	**0.951**
> 7					
bsp38	**702**	**+**	**0.6342**	**0.6105**	**.2600647**	**0.952**
> 1					
bsp39	**702**	**+**	**0.4459**	**0.4239**	**.2667511**	**0.953**
> 0					
bsp40	**699**	**+**	**0.3886**	**0.3637**	**.2672613**	**0.953**
> 2					
bsp41	**702**	**+**	**0.3566**	**0.3313**	**.2678758**	**0.953**
> 3					
bsp42	**701**	**+**	**0.4161**	**0.3851**	**.2652201**	**0.953**
> 2					

```
bsp43          |  702    +       0.4814        0.4525        .2638351      0.952
> 9
bsp44          |  698    +       0.5225        0.5025        .2654616      0.952
> 7
bsp45          |  699    +       0.6485        0.6305        .2624342      0.952
> 2
bsp46          |  699    +       0.3826        0.3538        .2665516      0.953
> 3
bsp47          |  702    +       0.4736        0.4422        .2633532      0.953
> 0
bsp48          |  699    +       0.5470        0.5177        .2614259      0.952
> 6
bsp49          |  702    +       0.4105        0.3737        .2640662      0.953
> 5
bsp50          |  701    +       0.4633        0.4453        .2675136      0.953
> 0
bsp51          |  702    +       0.5703        0.5434        .2613575      0.952
> 5
bsp52          |  699    +       0.5227        0.4936        .2623568      0.952
> 7
bsp53          |  700    +       0.4751        0.4601        .2682068      0.953
> 0
---------------+-------------------------------------------------------------
> —
Test scale     |                                             .2629987      0.953
> 5
---------------+-------------------------------------------------------------
> —
```

Interitem covariances (obs=pairwise, see below)

	bsp1	bsp2	bsp3	bsp4	bsp5	bsp6	bsp7	bsp8
bsp1	1.3560							
bsp2	0.3055	0.9324						
bsp3	0.1742	0.1376	0.3002					
bsp4	0.3899	0.1901	0.1535	0.9416				
bsp5	0.4251	0.3525	0.1625	0.3162	1.0849			
bsp6	0.5957	0.3900	0.1654	0.4063	0.3735	1.0173		
bsp7	0.5462	0.5415	0.1336	0.3152	0.5955	0.4777	1.5377	
bsp8	0.0943	0.0850	0.0904	0.1171	0.1442	0.1246	0.1897	0.3529
bsp9	0.0499	0.0194	0.0422	0.0578	0.0382	0.0297	0.0651	0.0447
bsp10	0.5348	0.2505	0.1297	0.4509	0.3656	0.3765	0.5428	0.0773
bsp11	0.1827	0.2454	0.1049	0.0870	0.1883	0.1879	0.2486	0.1267
bsp12	0.3893	0.3043	0.1802	0.3264	0.3285	0.3312	0.3945	0.1407
bsp13	0.4640	0.3351	0.1379	0.3335	0.4264	0.4967	0.3755	0.0655
bsp14	0.3415	0.0957	0.1609	0.2540	0.2799	0.2446	0.3044	0.1519
bsp15	0.3970	0.3891	0.1719	0.3713	0.4348	0.3541	0.5136	0.1159
bsp16	0.3747	0.1101	0.1537	0.3117	0.2897	0.3018	0.4186	0.1857
bsp17	0.4868	0.2162	0.1308	0.3952	0.3120	0.3542	0.4864	0.1949

bsp18	**0.2380**	**0.0864**	**0.0733**	**0.1880**	**0.1685**	**0.1719**	**0.2759**	**0.1255**
bsp19	**0.4460**	**0.2501**	**0.1197**	**0.3155**	**0.3425**	**0.3277**	**0.4467**	**0.1513**
bsp20	**0.4327**	**0.3198**	**0.1648**	**0.3229**	**0.4018**	**0.4008**	**0.5397**	**0.1851**
bsp21	**0.3465**	**0.1335**	**0.1445**	**0.3282**	**0.2324**	**0.2504**	**0.2822**	**0.1540**
bsp22	**0.2321**	**0.1141**	**0.1277**	**0.1857**	**0.2382**	**0.1904**	**0.2245**	**0.1500**
bsp23	**0.2457**	**0.6168**	**0.0919**	**0.1522**	**0.4116**	**0.3331**	**0.4898**	**0.0651**
bsp24	**0.2806**	**0.1038**	**0.1570**	**0.2924**	**0.1516**	**0.2019**	**0.1531**	**0.0733**
bsp25	**0.5862**	**0.4237**	**0.1254**	**0.3229**	**0.4747**	**0.4524**	**0.7643**	**0.1170**
bsp26	**0.5059**	**0.3318**	**0.1502**	**0.3941**	**0.4361**	**0.3868**	**0.6029**	**0.1407**
bsp27	**0.4458**	**0.2235**	**0.1468**	**0.3573**	**0.3180**	**0.3074**	**0.3389**	**0.1372**
bsp28	**0.1629**	**0.1144**	**0.0701**	**0.1456**	**0.1487**	**0.1719**	**0.1707**	**0.1452**
bsp29	**0.3401**	**0.3162**	**0.1362**	**0.2849**	**0.4832**	**0.3148**	**0.7507**	**0.1684**
bsp30	**0.3850**	**0.3116**	**0.1256**	**0.2865**	**0.4420**	**0.2682**	**0.6494**	**0.1467**
bsp31	**0.3473**	**0.2477**	**0.1322**	**0.2442**	**0.2980**	**0.2547**	**0.4354**	**0.1255**
bsp32	**0.2508**	**0.3391**	**0.1141**	**0.1440**	**0.3155**	**0.2499**	**0.3109**	**0.0729**
bsp33	**0.3991**	**0.5305**	**0.1894**	**0.3022**	**0.5814**	**0.3742**	**0.8970**	**0.1858**
bsp34	**0.3413**	**0.0836**	**0.1208**	**0.2217**	**0.3043**	**0.1224**	**0.3458**	**0.0588**
bsp35	**0.3969**	**0.3766**	**0.1465**	**0.2671**	**0.4137**	**0.3916**	**0.4626**	**0.1201**
bsp36	**0.3183**	**0.3448**	**0.1249**	**0.2317**	**0.4873**	**0.3553**	**0.4776**	**0.1174**
bsp37	**0.6028**	**0.4864**	**0.1719**	**0.3271**	**0.6423**	**0.4283**	**0.8915**	**0.2155**
bsp38	**0.4386**	**0.2691**	**0.1510**	**0.2797**	**0.3807**	**0.3965**	**0.4877**	**0.1798**
bsp39	**0.2213**	**0.0653**	**0.0551**	**0.1513**	**0.1903**	**0.1662**	**0.2784**	**0.0831**
bsp40	**0.1839**	**0.3762**	**0.0666**	**0.1065**	**0.1893**	**0.2486**	**0.3911**	**0.0253**
bsp41	**0.1902**	**0.3581**	**0.0694**	**0.1244**	**0.1639**	**0.2667**	**0.2676**	**0.0306**
bsp42	**0.2936**	**0.0223**	**0.0315**	**0.2899**	**0.1388**	**0.0248**	**0.1809**	**0.0547**
bsp43	**0.3282**	**0.0820**	**0.0429**	**0.1662**	**0.3053**	**0.1317**	**0.4129**	**0.1966**
bsp44	**0.2178**	**0.0921**	**0.1254**	**0.2306**	**0.2088**	**0.2068**	**0.2512**	**0.1074**
bsp45	**0.3599**	**0.1670**	**0.1129**	**0.2919**	**0.3088**	**0.2956**	**0.3531**	**0.1683**
bsp46	**0.2907**	**0.1339**	**0.0531**	**0.2308**	**0.1681**	**0.2970**	**0.1884**	**0.0436**
bsp47	**0.3907**	**0.1991**	**0.1051**	**0.2116**	**0.2566**	**0.2433**	**0.3321**	**0.1323**
bsp48	**0.3824**	**0.1257**	**0.1611**	**0.4040**	**0.2527**	**0.3122**	**0.2819**	**0.1482**
bsp49	**0.3514**	**0.0929**	**0.0834**	**0.2973**	**0.1254**	**0.1706**	**0.2966**	**0.0678**
bsp50	**0.1720**	**0.0499**	**0.0658**	**0.1564**	**0.0952**	**0.1623**	**0.1281**	**0.0873**
bsp51	**0.4074**	**0.2602**	**0.1341**	**0.2774**	**0.3194**	**0.2823**	**0.3770**	**0.0949**
bsp52	**0.3534**	**0.0618**	**0.0743**	**0.2690**	**0.1846**	**0.2285**	**0.2876**	**0.0887**
bsp53	**0.1432**	**0.1326**	**0.0953**	**0.0942**	**0.1422**	**0.1656**	**0.1667**	**0.0957**

	bsp9	bsp10	bsp11	bsp12	bsp13	bsp14	bsp15	bsp16
bsp9	**0.1357**							
bsp10	**0.0534**	**1.5027**						
bsp11	**0.0230**	**0.1903**	**0.6437**					
bsp12	**0.0699**	**0.3729**	**0.2195**	**0.7846**				
bsp13	**0.0418**	**0.4448**	**0.1245**	**0.3909**	**0.9984**			
bsp14	**0.0609**	**0.3874**	**0.1709**	**0.3414**	**0.2453**	**0.8394**		
bsp15	**0.0585**	**0.5782**	**0.1799**	**0.4257**	**0.4372**	**0.3241**	**1.1376**	
bsp16	**0.0748**	**0.4194**	**0.1763**	**0.2749**	**0.1785**	**0.6506**	**0.2445**	**1.2452**
bsp17	**0.0661**	**0.5562**	**0.1771**	**0.3507**	**0.2712**	**0.5151**	**0.4391**	**0.7535**
bsp18	**0.0417**	**0.2490**	**0.0935**	**0.1944**	**0.1295**	**0.2329**	**0.2638**	**0.3191**
bsp19	**0.0537**	**0.4496**	**0.2056**	**0.4499**	**0.3391**	**0.3370**	**0.4618**	**0.4143**

bsp20	**0.0757**	**0.5081**	**0.2486**	**0.3769**	**0.2735**	**0.3720**	**0.5376**	**0.5545**
bsp21	**0.0644**	**0.4423**	**0.1777**	**0.2885**	**0.2424**	**0.3518**	**0.3744**	**0.3708**
bsp22	**0.0670**	**0.2874**	**0.1606**	**0.2047**	**0.1669**	**0.3903**	**0.2461**	**0.4117**
bsp23	**0.0025**	**0.2261**	**0.2553**	**0.2938**	**0.3364**	**0.1418**	**0.3523**	**0.1678**
bsp24	**0.0432**	**0.4091**	**0.0862**	**0.2648**	**0.2486**	**0.2780**	**0.3064**	**0.2530**
bsp25	**0.0823**	**0.5775**	**0.2967**	**0.4525**	**0.4498**	**0.3781**	**0.5269**	**0.4931**
bsp26	**0.0643**	**0.6855**	**0.1646**	**0.4003**	**0.4429**	**0.3368**	**0.5979**	**0.4171**
bsp27	**0.0592**	**0.3537**	**0.1514**	**0.3385**	**0.2747**	**0.3090**	**0.4610**	**0.3825**
bsp28	**0.0169**	**0.1698**	**0.1427**	**0.1696**	**0.1158**	**0.1658**	**0.1925**	**0.1456**
bsp29	**0.0500**	**0.3799**	**0.1764**	**0.3134**	**0.2470**	**0.2828**	**0.3936**	**0.3096**
bsp30	**0.0625**	**0.4042**	**0.2263**	**0.3411**	**0.2756**	**0.2903**	**0.4611**	**0.2647**
bsp31	**0.0249**	**0.2591**	**0.1457**	**0.2958**	**0.2769**	**0.3203**	**0.4369**	**0.2960**
bsp32	**0.0582**	**0.2088**	**0.1861**	**0.2403**	**0.3298**	**0.1544**	**0.3490**	**0.1714**
bsp33	**0.0255**	**0.4579**	**0.2284**	**0.3777**	**0.4064**	**0.3016**	**0.5533**	**0.3396**
bsp34	**0.0493**	**0.3845**	**0.0882**	**0.2709**	**0.1977**	**0.2994**	**0.3312**	**0.2615**
bsp35	**0.0849**	**0.3819**	**0.2259**	**0.3110**	**0.3650**	**0.2960**	**0.4992**	**0.4149**
bsp36	**0.0353**	**0.3029**	**0.2437**	**0.2700**	**0.3216**	**0.2202**	**0.4164**	**0.2973**
bsp37	**0.0465**	**0.5290**	**0.3365**	**0.4286**	**0.3579**	**0.3762**	**0.5992**	**0.4924**
bsp38	**0.0491**	**0.3611**	**0.2804**	**0.3987**	**0.4246**	**0.3118**	**0.4650**	**0.3300**
bsp39	**0.0734**	**0.1281**	**0.0827**	**0.1398**	**0.0819**	**0.2149**	**0.2033**	**0.2977**
bsp40	**0.0247**	**0.2223**	**0.0750**	**0.1745**	**0.3272**	**0.0505**	**0.2618**	**0.0414**
bsp41	**0.0166**	**0.2304**	**0.0811**	**0.1731**	**0.3370**	**0.0632**	**0.2534**	**0.0187**
bsp42	**0.0471**	**0.4053**	**0.0770**	**0.2597**	**0.0764**	**0.2807**	**0.2806**	**0.3366**
bsp43	**0.0520**	**0.2558**	**0.1920**	**0.2102**	**0.1853**	**0.3330**	**0.2615**	**0.3417**
bsp44	**0.0692**	**0.2651**	**0.0888**	**0.2251**	**0.1710**	**0.3080**	**0.2128**	**0.3834**
bsp45	**0.0348**	**0.3558**	**0.1539**	**0.3860**	**0.3014**	**0.2704**	**0.3249**	**0.2657**
bsp46	**0.0146**	**0.3251**	**0.0233**	**0.1714**	**0.3214**	**0.1876**	**0.2489**	**0.1206**
bsp47	**0.0324**	**0.2598**	**0.1661**	**0.3191**	**0.2312**	**0.1889**	**0.3276**	**0.2496**
bsp48	**0.0485**	**0.5222**	**0.1272**	**0.3282**	**0.3115**	**0.2828**	**0.4403**	**0.2676**
bsp49	**0.0352**	**0.3826**	**0.1556**	**0.3300**	**0.3580**	**0.2042**	**0.3821**	**0.1647**
bsp50	**0.0558**	**0.1764**	**0.0640**	**0.1439**	**0.1634**	**0.1917**	**0.1447**	**0.2080**
bsp51	**0.0282**	**0.4253**	**0.1623**	**0.2868**	**0.2702**	**0.3350**	**0.4597**	**0.2945**
bsp52	**0.0312**	**0.3675**	**0.1523**	**0.3377**	**0.2076**	**0.3521**	**0.3174**	**0.3387**
bsp53	**0.0284**	**0.1800**	**0.1064**	**0.1348**	**0.1458**	**0.1513**	**0.1385**	**0.1473**

	bsp17	bsp18	bsp19	bsp20	bsp21	bsp22	bsp23	bsp24
bsp17	**1.2661**							
bsp18	**0.4069**	**0.5620**						
bsp19	**0.5907**	**0.3427**	**0.9049**					
bsp20	**0.7089**	**0.3205**	**0.6000**	**1.3794**				
bsp21	**0.3865**	**0.2410**	**0.3706**	**0.4361**	**0.8504**			
bsp22	**0.3499**	**0.1906**	**0.2691**	**0.3412**	**0.3778**	**0.5927**		
bsp23	**0.1987**	**0.1123**	**0.2745**	**0.2824**	**0.1682**	**0.1444**	**0.8320**	
bsp24	**0.3152**	**0.1678**	**0.2618**	**0.3218**	**0.3728**	**0.2223**	**0.1342**	**0.6794**
bsp25	**0.5322**	**0.2368**	**0.4835**	**0.5607**	**0.3304**	**0.2885**	**0.3751**	**0.2905**
bsp26	**0.5821**	**0.2833**	**0.5253**	**0.5888**	**0.4528**	**0.2611**	**0.2800**	**0.3178**
bsp27	**0.4994**	**0.2583**	**0.4544**	**0.5002**	**0.3815**	**0.2760**	**0.2238**	**0.2833**
bsp28	**0.2430**	**0.1380**	**0.2476**	**0.1745**	**0.1564**	**0.1335**	**0.1273**	**0.1245**
bsp29	**0.3513**	**0.1649**	**0.3282**	**0.4204**	**0.2838**	**0.1782**	**0.3230**	**0.1916**

bsp30	**0.4778**	**0.1958**	**0.4333**	**0.4805**	**0.2921**	**0.2208**	**0.3103**	**0.2005**
bsp31	**0.3938**	**0.1705**	**0.3439**	**0.3305**	**0.3059**	**0.2727**	**0.2552**	**0.2340**
bsp32	**0.2267**	**0.1410**	**0.2712**	**0.2814**	**0.1937**	**0.1582**	**0.2764**	**0.1386**
bsp33	**0.4849**	**0.2419**	**0.4706**	**0.5411**	**0.3079**	**0.2342**	**0.4745**	**0.1845**
bsp34	**0.4834**	**0.2155**	**0.3629**	**0.4221**	**0.3002**	**0.1963**	**0.1298**	**0.2785**
bsp35	**0.3515**	**0.2146**	**0.3509**	**0.4973**	**0.3334**	**0.2999**	**0.3204**	**0.2516**
bsp36	**0.3436**	**0.1829**	**0.3394**	**0.3719**	**0.2371**	**0.2245**	**0.3051**	**0.1516**
bsp37	**0.5895**	**0.2876**	**0.5114**	**0.6082**	**0.3491**	**0.2934**	**0.4518**	**0.1917**
bsp38	**0.4607**	**0.2267**	**0.4049**	**0.4500**	**0.3124**	**0.2077**	**0.2557**	**0.2269**
bsp39	**0.3274**	**0.1649**	**0.2173**	**0.2850**	**0.1966**	**0.1567**	**0.1010**	**0.1335**
bsp40	**0.0699**	**0.0731**	**0.1689**	**0.1316**	**0.1082**	**0.0319**	**0.2540**	**0.0822**
bsp41	**0.0608**	**0.0267**	**0.1133**	**0.1286**	**0.0790**	**0.0560**	**0.2185**	**0.0915**
bsp42	**0.4438**	**0.2203**	**0.3698**	**0.3095**	**0.2329**	**0.2161**	**0.0583**	**0.2291**
bsp43	**0.4613**	**0.1993**	**0.3483**	**0.3110**	**0.2132**	**0.2145**	**0.1549**	**0.1271**
bsp44	**0.3499**	**0.1889**	**0.2527**	**0.2806**	**0.2463**	**0.2716**	**0.0826**	**0.1694**
bsp45	**0.4057**	**0.2207**	**0.4265**	**0.3353**	**0.2941**	**0.1919**	**0.1789**	**0.2162**
bsp46	**0.2505**	**0.0889**	**0.2200**	**0.1639**	**0.2079**	**0.0725**	**0.1095**	**0.1915**
bsp47	**0.3267**	**0.1840**	**0.3390**	**0.3461**	**0.2440**	**0.1894**	**0.1836**	**0.2152**
bsp48	**0.4314**	**0.2348**	**0.4130**	**0.4682**	**0.4622**	**0.3073**	**0.1045**	**0.3351**
bsp49	**0.4514**	**0.2375**	**0.3976**	**0.2746**	**0.2422**	**0.0580**	**0.1223**	**0.2191**
bsp50	**0.2265**	**0.1542**	**0.1637**	**0.1958**	**0.2262**	**0.1791**	**0.0473**	**0.1179**
bsp51	**0.4314**	**0.1747**	**0.2681**	**0.4092**	**0.3325**	**0.2802**	**0.2349**	**0.3342**
bsp52	**0.6266**	**0.2927**	**0.4194**	**0.4059**	**0.3074**	**0.2257**	**0.0808**	**0.2276**
bsp53	**0.1436**	**0.0680**	**0.1320**	**0.1717**	**0.1416**	**0.1513**	**0.1255**	**0.1161**

	bsp25	bsp26	bsp27	bsp28	bsp29	bsp30	bsp31	bsp32
bsp25	**1.4704**							
bsp26	**0.5906**	**1.4989**						
bsp27	**0.4455**	**0.6552**	**1.1204**					
bsp28	**0.1870**	**0.1788**	**0.1831**	**0.4398**				
bsp29	**0.4868**	**0.4194**	**0.2681**	**0.1725**	**1.0076**			
bsp30	**0.5250**	**0.4782**	**0.3737**	**0.2082**	**0.5417**	**1.0896**		
bsp31	**0.3073**	**0.4207**	**0.3865**	**0.1788**	**0.3153**	**0.3855**	**0.9031**	
bsp32	**0.4026**	**0.2948**	**0.2836**	**0.1058**	**0.2369**	**0.2433**	**0.2602**	**0.6854**
bsp33	**0.6224**	**0.6447**	**0.4336**	**0.1520**	**0.7036**	**0.6819**	**0.4614**	**0.4009**
bsp34	**0.3008**	**0.4719**	**0.3622**	**0.1347**	**0.3197**	**0.4274**	**0.3354**	**0.1509**
bsp35	**0.4975**	**0.4429**	**0.3957**	**0.1477**	**0.3526**	**0.3919**	**0.3788**	**0.3858**
bsp36	**0.4712**	**0.3774**	**0.3401**	**0.1540**	**0.3552**	**0.3744**	**0.2946**	**0.3572**
bsp37	**0.7668**	**0.5913**	**0.4994**	**0.2245**	**0.6619**	**0.6379**	**0.4117**	**0.3852**
bsp38	**0.5040**	**0.4758**	**0.3947**	**0.2117**	**0.4212**	**0.4754**	**0.4004**	**0.3205**
bsp39	**0.2697**	**0.2168**	**0.2546**	**0.0838**	**0.2114**	**0.2223**	**0.1909**	**0.1733**
bsp40	**0.3029**	**0.2289**	**0.0965**	**0.0335**	**0.2171**	**0.1594**	**0.1551**	**0.2535**
bsp41	**0.2508**	**0.1739**	**0.1183**	**0.0091**	**0.1563**	**0.1200**	**0.0955**	**0.2491**
bsp42	**0.2297**	**0.4460**	**0.3806**	**0.1006**	**0.0823**	**0.2811**	**0.2742**	**0.0443**
bsp43	**0.4111**	**0.3355**	**0.3005**	**0.2524**	**0.2937**	**0.4104**	**0.3280**	**0.1755**
bsp44	**0.2616**	**0.2486**	**0.2349**	**0.1478**	**0.2195**	**0.1510**	**0.2192**	**0.1775**
bsp45	**0.3971**	**0.4004**	**0.3246**	**0.2431**	**0.2896**	**0.3373**	**0.2881**	**0.2306**
bsp46	**0.2171**	**0.3353**	**0.2276**	**0.0834**	**0.1334**	**0.0771**	**0.1526**	**0.1406**
bsp47	**0.3259**	**0.5457**	**0.4271**	**0.1475**	**0.2780**	**0.2736**	**0.3125**	**0.2301**

bsp48	0.2974	0.5212	0.4222	0.1377	0.3052	0.2946	0.2805	0.2206
bsp49	0.2711	0.5368	0.2668	0.1288	0.1772	0.2576	0.2315	0.1168
bsp50	0.1489	0.1967	0.2118	0.1014	0.1393	0.1222	0.1648	0.1040
bsp51	0.3877	0.4707	0.3672	0.1194	0.3538	0.3112	0.4463	0.2051
bsp52	0.3537	0.4380	0.3789	0.1589	0.2553	0.3258	0.3446	0.1929
bsp53	0.1258	0.1743	0.1290	0.0973	0.1448	0.1277	0.1482	0.1264

	bsp33	bsp34	bsp35	bsp36	bsp37	bsp38	bsp39	bsp40
bsp33	1.3717							
bsp34	0.3585	1.2206						
bsp35	0.5438	0.3383	1.0593					
bsp36	0.4982	0.3071	0.5281	0.8399				
bsp37	0.8758	0.3973	0.5934	0.5625	1.4272			
bsp38	0.5377	0.3395	0.4201	0.4003	0.6729	1.1184		
bsp39	0.2344	0.1792	0.2646	0.1544	0.3179	0.2439	0.5577	
bsp40	0.3566	0.0572	0.2509	0.2398	0.2909	0.1744	0.0645	0.6421
bsp41	0.2781	0.0342	0.2421	0.2023	0.2348	0.2140	0.0122	0.3645
bsp42	0.1674	0.4422	0.1904	0.1820	0.2806	0.2029	0.1276	-0.0371
bsp43	0.3520	0.3016	0.2059	0.2919	0.4679	0.3138	0.2054	0.0435
bsp44	0.2255	0.1889	0.2825	0.2222	0.2650	0.2662	0.1529	0.0684
bsp45	0.3516	0.3331	0.2815	0.3378	0.4486	0.4203	0.1585	0.1218
bsp46	0.1675	0.2438	0.1317	0.1352	0.1359	0.1963	0.0891	0.1335
bsp47	0.3813	0.2741	0.2383	0.2451	0.3634	0.3252	0.1192	0.1486
bsp48	0.4141	0.3565	0.2829	0.3234	0.3515	0.3433	0.1391	0.1285
bsp49	0.2345	0.3226	0.0157	0.1302	0.2345	0.3852	0.0434	0.0503
bsp50	0.1703	0.2021	0.2120	0.1467	0.1532	0.1514	0.1210	0.0790
bsp51	0.4581	0.3716	0.4026	0.3468	0.4933	0.4522	0.1501	0.1970
bsp52	0.2749	0.5162	0.2391	0.2539	0.3493	0.3763	0.2084	0.0473
bsp53	0.1959	0.1045	0.1904	0.1870	0.1899	0.1654	0.0919	0.1066

	bsp41	bsp42	bsp43	bsp44	bsp45	bsp46	bsp47	bsp48
bsp41	0.6252							
bsp42	-0.0226	1.0333						
bsp43	-0.0177	0.2813	1.0347					
bsp44	0.0723	0.1925	0.1635	0.5652				
bsp45	0.1328	0.2306	0.3155	0.2341	0.7012			
bsp46	0.1439	0.1562	0.1172	0.0739	0.1966	0.8451		
bsp47	0.1072	0.2332	0.2410	0.1898	0.3155	0.1427	1.1954	
bsp48	0.2030	0.2600	0.2155	0.2655	0.3034	0.4078	0.3947	1.2459
bsp49	0.0976	0.2953	0.2511	0.1273	0.3421	0.3692	0.3703	0.5023
bsp50	0.0407	0.1470	0.1514	0.1941	0.1780	0.1032	0.1286	0.2171
bsp51	0.1849	0.2862	0.2140	0.2175	0.2666	0.1964	0.3803	0.4786
bsp52	0.0320	0.3880	0.3099	0.2198	0.3590	0.2481	0.2847	0.3773
bsp53	0.0833	0.0107	0.1114	0.1140	0.1666	0.0797	0.1089	0.1643

	bsp49	bsp50	bsp51	bsp52	bsp53
bsp49	**1.4349**				
bsp50	**0.1410**	**0.3925**			
bsp51	**0.3119**	**0.2341**	**1.1460**		
bsp52	**0.4730**	**0.2467**	**0.4884**	**1.1625**	
bsp53	**0.0772**	**0.1164**	**0.1726**	**0.1452**	**0.2830**

Pairwise number of observations

	bsp1	bsp2	bsp3	bsp4	bsp5	bsp6	bsp7	bsp8	bsp9	bsp10
bsp1	**698**									
bsp2	**697**	**698**								
bsp3	**698**	**698**	**699**							
bsp4	**698**	**698**	**699**	**699**						
bsp5	**698**	**698**	**699**	**699**	**699**					
bsp6	**698**	**698**	**699**	**699**	**699**	**699**				
bsp7	**696**	**696**	**697**	**697**	**697**	**697**	**697**			
bsp8	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**698**		
bsp9	**696**	**696**	**697**	**697**	**697**	**697**	**695**	**696**	**697**	
bsp10	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp11	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp12	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp13	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp14	**693**	**693**	**694**	**694**	**694**	**694**	**692**	**693**	**693**	**694**
bsp15	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp16	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp17	**696**	**696**	**697**	**697**	**697**	**697**	**695**	**696**	**695**	**697**
bsp18	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp19	**696**	**696**	**697**	**697**	**697**	**697**	**695**	**696**	**695**	**697**
bsp20	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp21	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp22	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp23	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp24	**696**	**696**	**697**	**697**	**697**	**697**	**695**	**696**	**695**	**697**
bsp25	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp26	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp27	**696**	**696**	**697**	**697**	**697**	**697**	**695**	**696**	**695**	**697**
bsp28	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp29	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp30	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp31	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp32	**696**	**696**	**697**	**697**	**697**	**697**	**695**	**696**	**695**	**697**
bsp33	**693**	**693**	**694**	**694**	**694**	**694**	**692**	**693**	**692**	**694**
bsp34	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp35	**696**	**696**	**697**	**697**	**697**	**697**	**695**	**697**	**695**	**697**
bsp36	**689**	**689**	**690**	**690**	**690**	**690**	**688**	**689**	**688**	**690**
bsp37	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp38	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp39	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**

bsp40	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp41	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp42	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp43	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp44	**694**	**694**	**695**	**695**	**695**	**695**	**693**	**694**	**693**	**695**
bsp45	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp46	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp47	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp48	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp49	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp50	**697**	**697**	**698**	**698**	**698**	**698**	**696**	**697**	**696**	**698**
bsp51	**698**	**698**	**699**	**699**	**699**	**699**	**697**	**698**	**697**	**699**
bsp52	**695**	**695**	**696**	**696**	**696**	**696**	**694**	**695**	**694**	**696**
bsp53	**696**	**696**	**697**	**697**	**697**	**697**	**695**	**696**	**695**	**697**

	bsp11	bsp12	bsp13	bsp14	bsp15	bsp16	bsp17	bsp18	bsp19	bsp20
bsp11	**698**									
bsp12	**697**	**698**								
bsp13	**695**	**695**	**699**							
bsp14	**693**	**693**	**694**	**697**						
bsp15	**698**	**698**	**699**	**697**	**702**					
bsp16	**695**	**695**	**696**	**694**	**699**	**699**				
bsp17	**696**	**696**	**697**	**695**	**700**	**697**	**700**			
bsp18	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**701**		
bsp19	**696**	**696**	**697**	**695**	**700**	**697**	**698**	**699**	**700**	
bsp20	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**701**
bsp21	**698**	**698**	**699**	**697**	**702**	**699**	**700**	**701**	**700**	**701**
bsp22	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp23	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**700**
bsp24	**696**	**696**	**697**	**695**	**700**	**697**	**698**	**699**	**698**	**699**
bsp25	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**700**
bsp26	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**700**
bsp27	**696**	**696**	**697**	**695**	**700**	**697**	**698**	**699**	**698**	**699**
bsp28	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**700**
bsp29	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp30	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**700**
bsp31	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp32	**696**	**696**	**697**	**695**	**700**	**697**	**698**	**699**	**698**	**699**
bsp33	**693**	**693**	**694**	**692**	**697**	**694**	**696**	**696**	**695**	**696**
bsp34	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp35	**696**	**696**	**697**	**695**	**700**	**697**	**698**	**699**	**698**	**699**
bsp36	**689**	**689**	**690**	**688**	**693**	**690**	**691**	**692**	**691**	**692**
bsp37	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**700**
bsp38	**698**	**698**	**699**	**697**	**702**	**699**	**700**	**701**	**700**	**701**
bsp39	**698**	**698**	**699**	**697**	**702**	**699**	**700**	**701**	**700**	**701**
bsp40	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp41	**698**	**698**	**699**	**697**	**702**	**699**	**700**	**701**	**700**	**701**
bsp42	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**700**
bsp43	**698**	**698**	**699**	**697**	**702**	**699**	**700**	**701**	**700**	**701**

bsp44	**694**	**694**	**695**	**693**	**698**	**695**	**696**	**697**	**696**	**697**
bsp45	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp46	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp47	**698**	**698**	**699**	**697**	**702**	**699**	**700**	**701**	**700**	**701**
bsp48	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp49	**698**	**698**	**699**	**697**	**702**	**699**	**700**	**701**	**700**	**701**
bsp50	**697**	**697**	**698**	**696**	**701**	**698**	**699**	**700**	**699**	**700**
bsp51	**698**	**698**	**699**	**697**	**702**	**699**	**700**	**701**	**700**	**701**
bsp52	**695**	**695**	**696**	**694**	**699**	**696**	**697**	**698**	**697**	**698**
bsp53	**696**	**696**	**697**	**695**	**700**	**697**	**698**	**700**	**698**	**699**

	bsp21	bsp22	bsp23	bsp24	bsp25	bsp26	bsp27	bsp28	bsp29	bsp30
bsp21	**702**									
bsp22	**699**	**699**								
bsp23	**701**	**698**	**701**							
bsp24	**700**	**697**	**699**	**700**						
bsp25	**701**	**698**	**700**	**699**	**701**					
bsp26	**701**	**698**	**700**	**699**	**701**	**701**				
bsp27	**700**	**697**	**699**	**698**	**700**	**700**	**700**			
bsp28	**701**	**698**	**700**	**699**	**701**	**701**	**700**	**701**		
bsp29	**699**	**696**	**698**	**697**	**699**	**699**	**698**	**699**	**699**	
bsp30	**701**	**698**	**700**	**699**	**701**	**701**	**700**	**701**	**699**	**701**
bsp31	**699**	**697**	**698**	**697**	**699**	**699**	**698**	**699**	**697**	**699**
bsp32	**700**	**697**	**699**	**698**	**700**	**700**	**699**	**700**	**698**	**700**
bsp33	**697**	**694**	**696**	**695**	**697**	**697**	**696**	**697**	**695**	**697**
bsp34	**699**	**696**	**698**	**697**	**699**	**699**	**698**	**699**	**697**	**699**
bsp35	**700**	**697**	**699**	**698**	**700**	**700**	**699**	**700**	**698**	**700**
bsp36	**693**	**690**	**692**	**691**	**693**	**693**	**692**	**693**	**691**	**693**
bsp37	**701**	**698**	**700**	**699**	**700**	**700**	**699**	**700**	**698**	**700**
bsp38	**702**	**699**	**701**	**700**	**701**	**701**	**700**	**701**	**699**	**701**
bsp39	**702**	**699**	**701**	**700**	**701**	**701**	**700**	**701**	**699**	**701**
bsp40	**699**	**696**	**698**	**697**	**698**	**698**	**697**	**698**	**696**	**698**
bsp41	**702**	**699**	**701**	**700**	**701**	**701**	**700**	**701**	**699**	**701**
bsp42	**701**	**698**	**700**	**699**	**700**	**700**	**699**	**700**	**698**	**700**
bsp43	**702**	**699**	**701**	**700**	**701**	**701**	**700**	**701**	**699**	**701**
bsp44	**698**	**695**	**697**	**696**	**697**	**697**	**696**	**697**	**695**	**697**
bsp45	**699**	**696**	**698**	**697**	**698**	**698**	**697**	**698**	**696**	**698**
bsp46	**699**	**697**	**698**	**697**	**698**	**698**	**697**	**698**	**696**	**698**
bsp47	**702**	**699**	**701**	**700**	**701**	**701**	**700**	**701**	**699**	**701**
bsp48	**699**	**696**	**698**	**697**	**698**	**698**	**697**	**698**	**696**	**698**
bsp49	**702**	**699**	**701**	**700**	**701**	**701**	**700**	**701**	**699**	**701**
bsp50	**701**	**698**	**700**	**699**	**700**	**700**	**699**	**700**	**698**	**700**
bsp51	**702**	**699**	**701**	**700**	**701**	**701**	**700**	**701**	**699**	**701**
bsp52	**699**	**696**	**698**	**697**	**698**	**698**	**697**	**698**	**696**	**698**
bsp53	**700**	**697**	**699**	**698**	**699**	**699**	**698**	**699**	**697**	**699**

	bsp31	bsp32	bsp33	bsp34	bsp35	bsp36	bsp37	bsp38	bsp39	bsp40
bsp31	**699**									
bsp32	**698**	**700**								
bsp33	**695**	**696**	**697**							
bsp34	**697**	**698**	**695**	**699**						
bsp35	**698**	**699**	**696**	**698**	**700**					
bsp36	**691**	**692**	**689**	**691**	**692**	**693**				
bsp37	**698**	**699**	**696**	**698**	**699**	**692**	**701**			
bsp38	**699**	**700**	**697**	**699**	**700**	**693**	**701**	**702**		
bsp39	**699**	**700**	**697**	**699**	**700**	**693**	**701**	**702**	**702**	
bsp40	**696**	**697**	**694**	**696**	**697**	**690**	**698**	**699**	**699**	**699**
bsp41	**699**	**700**	**697**	**699**	**700**	**693**	**701**	**702**	**702**	**699**
bsp42	**698**	**699**	**696**	**698**	**699**	**692**	**700**	**701**	**701**	**698**
bsp43	**699**	**700**	**697**	**699**	**700**	**693**	**701**	**702**	**702**	**699**
bsp44	**695**	**696**	**693**	**695**	**696**	**689**	**697**	**698**	**698**	**695**
bsp45	**696**	**697**	**694**	**696**	**697**	**690**	**698**	**699**	**699**	**696**
bsp46	**697**	**697**	**694**	**696**	**697**	**690**	**698**	**699**	**699**	**696**
bsp47	**699**	**700**	**697**	**699**	**700**	**693**	**701**	**702**	**702**	**699**
bsp48	**696**	**697**	**694**	**696**	**697**	**690**	**698**	**699**	**699**	**696**
bsp49	**699**	**700**	**697**	**699**	**700**	**693**	**701**	**702**	**702**	**699**
bsp50	**698**	**699**	**696**	**698**	**699**	**692**	**700**	**701**	**701**	**698**
bsp51	**699**	**700**	**697**	**699**	**700**	**693**	**701**	**702**	**702**	**699**
bsp52	**696**	**697**	**694**	**696**	**697**	**692**	**698**	**699**	**699**	**696**
bsp53	**697**	**698**	**695**	**697**	**698**	**691**	**699**	**700**	**700**	**697**

	bsp41	bsp42	bsp43	bsp44	bsp45	bsp46	bsp47	bsp48	bsp49	bsp50
bsp41	**702**									
bsp42	**701**	**701**								
bsp43	**702**	**701**	**702**							
bsp44	**698**	**697**	**698**	**698**						
bsp45	**699**	**698**	**699**	**695**	**699**					
bsp46	**699**	**698**	**699**	**695**	**696**	**699**				
bsp47	**702**	**701**	**702**	**698**	**699**	**699**	**702**			
bsp48	**699**	**698**	**699**	**695**	**696**	**696**	**699**	**699**		
bsp49	**702**	**701**	**702**	**698**	**699**	**699**	**702**	**699**	**702**	
bsp50	**701**	**700**	**701**	**697**	**698**	**698**	**701**	**698**	**701**	**701**
bsp51	**702**	**701**	**702**	**698**	**699**	**699**	**702**	**699**	**702**	**701**
bsp52	**699**	**698**	**699**	**695**	**696**	**696**	**699**	**696**	**699**	**699**
bsp53	**700**	**699**	**700**	**696**	**697**	**697**	**700**	**697**	**700**	**699**

	bsp51	bsp52	bsp53
bsp51	**702**		
bsp52	**699**	**699**	
bsp53	**700**	**697**	**700**

```
243 . //  alpha reliability of BSIpositive symptom subscale for males
244 . alpha `bsIps' if gender==1, item detail

    Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bsp1	337	+	0.5855	0.5540	.1961422	0.946
bsp2	337	+	0.5269	0.4953	.1980972	0.947
bsp3	338	+	0.3833	0.3665	.2041062	0.947
bsp4	338	+	0.5395	0.5129	.1990686	0.947
bsp5	338	+	0.5805	0.5538	.1978676	0.946
bsp6	338	+	0.6122	0.5860	.1969587	0.946
bsp7	337	+	0.6301	0.5989	.1944371	0.946
bsp8	337	+	0.2430	0.2314	.2059575	0.948
bsp9	337	+	0.2538	0.2426	.2059416	0.948
bsp10	338	+	0.5606	0.5278	.1967113	0.946
bsp11	338	+	0.3633	0.3385	.2030725	0.947
bsp12	337	+	0.6461	0.6267	.1984104	0.946
bsp13	337	+	0.7013	0.6790	.1949385	0.946
bsp14	337	+	0.4693	0.4445	.2011552	0.947
bsp15	339	+	0.7035	0.6809	.1947098	0.946
bsp16	336	+	0.4830	0.4532	.1998909	0.947
bsp17	337	+	0.5236	0.4953	.1990506	0.947
bsp18	339	+	0.3850	0.3624	.2030919	0.947
bsp19	339	+	0.6554	0.6350	.1978084	0.946

bsp20	339	+	0.6592	0.6347	.1958312	0.946
> 2						
bsp21	339	+	0.5387	0.5139	.1996234	0.947
> 0						
bsp22	337	+	0.4869	0.4665	.2018917	0.947
> 3						
bsp23	338	+	0.5093	0.4806	.1993581	0.947
> 2						
bsp24	339	+	0.4508	0.4285	.2020944	0.947
> 4						
bsp25	339	+	0.6327	0.6043	.1953912	0.946
> 4						
bsp26	339	+	0.5953	0.5646	.1960633	0.946
> 7						
bsp27	338	+	0.5566	0.5283	.1981287	0.946
> 9						
bsp28	339	+	0.3150	0.3004	.205117	0.947
> 9						
bsp29	338	+	0.5364	0.5089	.1989291	0.947
> 0						
bsp30	339	+	0.5123	0.4866	.2001012	0.947
> 1						
bsp31	337	+	0.5957	0.5722	.1985313	0.946
> 7						
bsp32	339	+	0.5846	0.5609	.1987252	0.946
> 7						
bsp33	337	+	0.6495	0.6213	.1947636	0.946
> 3						
bsp34	337	+	0.4025	0.3683	.2007998	0.947
> 8						
bsp35	338	+	0.6622	0.6393	.1963624	0.946
> 3						
bsp36	338	+	0.6432	0.6223	.1979096	0.946
> 4						
bsp37	338	+	0.6450	0.6165	.1947911	0.946
> 3						
bsp38	339	+	0.5604	0.5336	.1984427	0.946
> 9						
bsp39	339	+	0.3610	0.3372	.2032587	0.947
> 8						
bsp40	338	+	0.5465	0.5184	.1984656	0.946
> 9						
bsp41	339	+	0.5005	0.4729	.1998513	0.947
> 2						
bsp42	339	+	0.3527	0.3200	.202098	0.948
> 0						
bsp43	339	+	0.3421	0.3134	.2028626	0.947
> 9						
bsp44	337	+	0.4937	0.4713	.2012175	0.947

```
> 2
bsp45          |  339    +        0.5367         0.5168         .2010958       0.947
> 1
bsp46          |  336    +        0.4284         0.3959         .2004818       0.947
> 6
bsp47          |  339    +        0.5093         0.4777         .1986596       0.947
> 2
bsp48          |  339    +        0.5548         0.5248          .197709       0.946
> 9
bsp49          |  339    +        0.3432         0.3013         .2011238       0.948
> 5
bsp50          |  339    +        0.4774         0.4584         .2023796       0.947
> 4
bsp51          |  339    +        0.6797         0.6576         .1959812       0.946
> 1
bsp52          |  339    +        0.3999         0.3662         .2010213       0.947
> 8
bsp53          |  339    +        0.4878         0.4730         .2032652       0.947
> 4
---------------+-------------------------------------------------------------------
> —
Test scale     |                                                .1994291       0.948
> 0
---------------+-------------------------------------------------------------------

> —

Interitem covariances (obs=pairwise, see below)

          bsp1     bsp2     bsp3     bsp4     bsp5     bsp6     bsp7     bsp8
 bsp1   1.2600
 bsp2   0.2728   1.0596
 bsp3   0.1474   0.0633   0.2214
 bsp4   0.3955   0.1221   0.1469   0.7840
 bsp5   0.3549   0.3897   0.0770   0.2744   0.8926
 bsp6   0.5293   0.4943   0.1733   0.3525   0.3679   0.9598
 bsp7   0.4315   0.7244   0.0751   0.2053   0.5195   0.4779   1.4474
 bsp8   0.0448   0.0405   0.0462   0.0545   0.0391   0.0669   0.0360   0.0902
 bsp9   0.0579  -0.0033   0.0112   0.0537   0.0162   0.0279   0.0317   0.0058
bsp10   0.5271   0.2500   0.0477   0.3434   0.3227   0.3373   0.4947   0.0115
bsp11   0.1143   0.2225   0.0229   0.0645   0.1628   0.1485   0.2140   0.0422
bsp12   0.3438   0.2780   0.1147   0.2055   0.2587   0.3225   0.3183   0.0719
bsp13   0.5737   0.5476   0.0631   0.3182   0.4478   0.5649   0.5639   0.0262
bsp14   0.2263  -0.0050   0.1118   0.2153   0.1426   0.1573   0.0526   0.0587
bsp15   0.4130   0.4519   0.1029   0.3684   0.4134   0.3764   0.5962   0.0493
bsp16   0.2655   0.0328   0.1204   0.2515   0.1284   0.2146   0.1505   0.0646
bsp17   0.2363   0.0388   0.0735   0.2818   0.0848   0.1797   0.1655   0.0572
bsp18   0.1313   0.0245   0.0296   0.1347   0.0335   0.0654   0.1128   0.0171
bsp19   0.2981   0.2201   0.0942   0.2654   0.2580   0.2618   0.3277   0.0513
bsp20   0.3806   0.3239   0.1420   0.3563   0.3175   0.3477   0.4737   0.0484
```

bsp21	0.3198	0.0485	0.0880	0.3028	0.1636	0.2178	0.1420	0.0335
bsp22	0.2181	0.0267	0.0647	0.1239	0.1236	0.1379	0.0388	0.0468
bsp23	0.1825	0.7123	0.0397	0.0837	0.3998	0.3542	0.5723	0.0273
bsp24	0.2310	-0.0070	0.1081	0.2522	0.0724	0.1287	0.0440	0.0387
bsp25	0.5108	0.4972	0.0365	0.2313	0.4126	0.4699	0.5944	0.0097
bsp26	0.4439	0.3141	0.0585	0.2559	0.3067	0.3874	0.5429	0.0063
bsp27	0.3547	0.1299	0.0999	0.2434	0.2585	0.2768	0.1990	0.0403
bsp28	0.0434	0.0267	0.0456	0.0649	0.0990	0.0643	0.0913	0.0366
bsp29	0.2392	0.3156	0.0919	0.2218	0.4173	0.2729	0.6100	0.0192
bsp30	0.2210	0.3461	0.0648	0.1512	0.2605	0.2425	0.5017	0.0175
bsp31	0.2465	0.2549	0.1020	0.2102	0.2425	0.2694	0.3935	0.0450
bsp32	0.2194	0.4461	0.0508	0.0820	0.3533	0.3085	0.3782	0.0116
bsp33	0.3200	0.6674	0.1245	0.1729	0.4817	0.4330	0.9498	0.0304
bsp34	0.2137	0.0301	0.0949	0.1954	0.1917	0.0559	0.2775	-0.0106
bsp35	0.3761	0.5087	0.1040	0.2463	0.3666	0.4598	0.5531	0.0439
bsp36	0.2944	0.4381	0.0757	0.1950	0.4408	0.3761	0.4641	0.0394
bsp37	0.5006	0.5397	0.1081	0.2344	0.5515	0.4611	0.7719	0.0345
bsp38	0.3075	0.2540	0.1036	0.2091	0.2581	0.3078	0.3780	0.0112
bsp39	0.1287	0.0417	0.0663	0.1441	0.0937	0.1352	0.1113	0.0415
bsp40	0.2928	0.6803	0.0540	0.1207	0.2937	0.4424	0.6815	0.0058
bsp41	0.2679	0.5807	0.0109	0.0811	0.2880	0.3717	0.5521	-0.0054
bsp42	0.2643	-0.0705	0.0643	0.3028	0.0538	0.0160	0.0111	0.0216
bsp43	0.1426	-0.0177	0.0298	0.1350	0.1667	0.0267	0.1681	0.0262
bsp44	0.2060	0.0487	0.1417	0.1938	0.1634	0.1884	0.1453	0.0549
bsp45	0.1904	0.0821	0.0734	0.1841	0.1864	0.1659	0.1777	0.0390
bsp46	0.2824	0.1245	0.0593	0.2815	0.1745	0.2837	0.2636	0.0223
bsp47	0.3212	0.2322	0.1137	0.1729	0.1983	0.2209	0.2831	0.0290
bsp48	0.4604	0.1289	0.1120	0.3883	0.2139	0.2923	0.2574	0.0250
bsp49	0.2410	-0.0633	0.0308	0.2741	0.0530	0.0539	0.1673	-0.0079
bsp50	0.1949	0.0319	0.0710	0.1335	0.0959	0.1825	0.0864	0.0362
bsp51	0.4325	0.2822	0.1210	0.2916	0.2969	0.3414	0.3613	0.0388
bsp52	0.1969	-0.1100	0.0428	0.1783	0.0260	0.0669	0.0890	0.0144
bsp53	0.1321	0.1328	0.0544	0.0806	0.1289	0.1699	0.1816	0.0351

	bsp9	bsp10	bsp11	bsp12	bsp13	bsp14	bsp15	bsp16
bsp9	0.0843							
bsp10	0.0767	1.2464						
bsp11	-0.0024	0.1761	0.4635					
bsp12	0.0389	0.2148	0.1570	0.6144				
bsp13	0.0366	0.5253	0.1675	0.3757	1.0377			
bsp14	0.0440	0.2110	0.0829	0.2093	0.1590	0.5735		
bsp15	0.0199	0.4544	0.1202	0.4075	0.5390	0.1719	1.0687	
bsp16	0.0614	0.3243	0.1192	0.1696	0.1724	0.4423	0.1115	0.8256
bsp17	0.0421	0.3834	0.0875	0.2149	0.2603	0.2939	0.2743	0.5317
bsp18	0.0330	0.1563	0.0159	0.1161	0.0755	0.0650	0.2251	0.1293
bsp19	0.0354	0.2481	0.1081	0.3568	0.3389	0.2083	0.3940	0.2671
bsp20	0.0501	0.4049	0.1493	0.3700	0.4101	0.2552	0.5312	0.3397
bsp21	0.0574	0.3570	0.1153	0.2419	0.2420	0.2523	0.2485	0.2426
bsp22	0.0527	0.1978	0.1347	0.1701	0.1597	0.3031	0.1151	0.2899

bsp23	-0.0079	0.2129	0.2575	0.2503	0.4654	0.0327	0.3450	0.0293
bsp24	0.0423	0.2442	0.0366	0.1310	0.1622	0.1128	0.1987	0.1265
bsp25	0.0481	0.4950	0.2020	0.3548	0.6457	0.1745	0.5052	0.3258
bsp26	0.0553	0.4239	0.0718	0.2473	0.5074	0.1527	0.4647	0.2732
bsp27	0.0318	0.2308	0.0871	0.2886	0.3638	0.2393	0.3889	0.2423
bsp28	0.0098	0.0255	0.0375	0.0669	0.0292	0.0646	0.0799	0.0582
bsp29	0.0213	0.3330	0.0760	0.2115	0.2978	0.0842	0.4071	0.0860
bsp30	0.0102	0.2630	0.1059	0.1816	0.2449	0.0757	0.2888	0.1006
bsp31	0.0202	0.1943	0.1080	0.2593	0.3028	0.2115	0.3975	0.1826
bsp32	0.0057	0.1953	0.1629	0.2781	0.4181	0.1193	0.3964	0.1332
bsp33	-0.0053	0.3964	0.1480	0.2710	0.5195	0.1198	0.5166	0.1949
bsp34	0.0327	0.2423	-0.0044	0.1220	0.1391	0.1651	0.2100	0.1029
bsp35	0.0827	0.4258	0.1675	0.2733	0.4922	0.1698	0.5169	0.2103
bsp36	0.0209	0.2984	0.1743	0.2066	0.4183	0.1367	0.4019	0.1699
bsp37	0.0191	0.3927	0.1903	0.3661	0.5476	0.1367	0.5554	0.2380
bsp38	0.0416	0.2340	0.1270	0.3276	0.4440	0.1035	0.4236	0.1888
bsp39	0.0821	0.0534	0.0231	0.1232	0.0839	0.1111	0.1694	0.1462
bsp40	0.0308	0.3484	0.0872	0.2568	0.4475	0.0042	0.4357	0.0708
bsp41	0.0104	0.2642	0.0702	0.2415	0.4623	-0.0012	0.3909	0.0225
bsp42	0.0395	0.3066	0.0233	0.1645	0.0991	0.2731	0.1686	0.2638
bsp43	0.0432	0.1194	0.0894	0.0468	0.1243	0.1953	0.1624	0.1697
bsp44	0.0560	0.1966	0.0482	0.2450	0.1458	0.2397	0.1827	0.3124
bsp45	0.0456	0.1397	0.1009	0.2639	0.2043	0.1576	0.2373	0.1520
bsp46	0.0316	0.2728	0.0118	0.1157	0.3536	0.1628	0.2394	0.1644
bsp47	0.0354	0.1704	0.1689	0.3164	0.2934	0.1438	0.4098	0.2135
bsp48	0.0164	0.3121	0.0618	0.2592	0.3307	0.2306	0.3648	0.2142
bsp49	0.0261	0.1784	0.0761	0.1989	0.3660	0.0789	0.3294	0.1537
bsp50	0.0565	0.1728	0.0560	0.1387	0.1440	0.1940	0.1227	0.1980
bsp51	0.0316	0.3727	0.1494	0.2872	0.4149	0.2463	0.5471	0.2795
bsp52	0.0092	0.2589	0.1244	0.1611	0.1662	0.2021	0.2547	0.2033
bsp53	0.0208	0.1379	0.0782	0.1136	0.1453	0.0811	0.1160	0.0994

	bsp17	bsp18	bsp19	bsp20	bsp21	bsp22	bsp23	bsp24
bsp17	0.8445							
bsp18	0.3017	0.4013						
bsp19	0.3416	0.2285	0.6869					
bsp20	0.4414	0.1830	0.4317	1.0138				
bsp21	0.2347	0.1541	0.3054	0.3225	0.6800			
bsp22	0.1965	0.0712	0.1888	0.1930	0.2737	0.4014		
bsp23	0.0365	0.0043	0.2295	0.2538	0.0956	0.0935	0.8322	
bsp24	0.2004	0.1225	0.1849	0.2339	0.2883	0.1506	0.0445	0.4443
bsp25	0.3227	0.0798	0.3779	0.4429	0.1832	0.1969	0.4151	0.0915
bsp26	0.2893	0.1502	0.3366	0.3539	0.3281	0.1490	0.2528	0.1723
bsp27	0.3076	0.1295	0.3308	0.3629	0.3182	0.1889	0.1410	0.2425
bsp28	0.0594	0.0237	0.0808	0.0555	0.0236	0.0459	0.0299	0.0366
bsp29	0.0857	0.0435	0.2139	0.3020	0.1628	0.0185	0.2564	0.0600
bsp30	0.1132	0.1082	0.2442	0.3030	0.1433	0.0453	0.2595	0.0743
bsp31	0.1474	0.1078	0.2696	0.2765	0.1962	0.1751	0.2369	0.1950
bsp32	0.1247	0.0564	0.2276	0.3114	0.1624	0.1527	0.3669	0.0890

bsp33	0.1875	0.0923	0.3360	0.4685	0.1502	0.0752	0.5689	0.0772
bsp34	0.2539	0.1760	0.2186	0.2722	0.1815	0.1010	0.0166	0.1457
bsp35	0.1595	0.1002	0.2598	0.3997	0.1926	0.1799	0.3899	0.1602
bsp36	0.1584	0.0493	0.2417	0.2813	0.1456	0.1561	0.3887	0.1074
bsp37	0.2307	0.1139	0.3433	0.4591	0.1336	0.1122	0.4349	0.0424
bsp38	0.2137	0.0720	0.2138	0.3375	0.1734	0.0995	0.1774	0.1146
bsp39	0.2017	0.1065	0.1394	0.1846	0.0876	0.0913	0.0128	0.0736
bsp40	0.0779	0.0729	0.2326	0.3125	0.1213	0.0008	0.4540	0.0258
bsp41	0.0426	0.0427	0.1976	0.2687	0.0722	0.0090	0.3784	0.0105
bsp42	0.3111	0.1896	0.2699	0.2338	0.1652	0.1867	-0.0231	0.1818
bsp43	0.1919	0.0606	0.0955	0.1507	0.0968	0.1584	0.0424	0.0840
bsp44	0.2492	0.1224	0.1898	0.2371	0.1813	0.1942	0.0681	0.1453
bsp45	0.1766	0.1042	0.2714	0.2021	0.1710	0.1377	0.0846	0.0768
bsp46	0.2414	0.1073	0.1560	0.1743	0.2360	0.1052	0.0611	0.1601
bsp47	0.1526	0.0976	0.2542	0.3700	0.2404	0.1396	0.2080	0.2261
bsp48	0.2833	0.1564	0.2489	0.3077	0.4182	0.2177	0.1313	0.3034
bsp49	0.2846	0.1824	0.2412	0.1720	0.2313	0.0932	0.0298	0.1937
bsp50	0.2268	0.1188	0.1654	0.1641	0.2086	0.1776	0.0421	0.1206
bsp51	0.3195	0.1785	0.3090	0.3740	0.2809	0.2119	0.2596	0.2462
bsp52	0.4175	0.2299	0.2993	0.2695	0.2514	0.2090	-0.0591	0.1672
bsp53	0.0844	0.0213	0.1048	0.1229	0.1089	0.0948	0.1275	0.0727

	bsp25	bsp26	bsp27	bsp28	bsp29	bsp30	bsp31	bsp32
bsp25	1.2098							
bsp26	0.4619	1.2289						
bsp27	0.3521	0.5450	0.9269					
bsp28	0.0303	0.0199	0.0677	0.1531				
bsp29	0.2668	0.2692	0.1378	0.1104	0.8260			
bsp30	0.3172	0.2208	0.2010	0.0373	0.3529	0.6648		
bsp31	0.2685	0.3500	0.2801	0.0978	0.2182	0.1774	0.7212	
bsp32	0.4221	0.3112	0.2861	0.0510	0.2037	0.1977	0.2965	0.7150
bsp33	0.5523	0.4601	0.2425	0.0807	0.6215	0.5326	0.3739	0.4528
bsp34	0.0686	0.3188	0.2261	0.0750	0.1981	0.1199	0.2243	0.0803
bsp35	0.5363	0.3877	0.2746	0.0711	0.2986	0.2946	0.3701	0.3915
bsp36	0.4490	0.2416	0.2248	0.1061	0.3006	0.2756	0.2400	0.3688
bsp37	0.6347	0.4552	0.3081	0.0712	0.5124	0.4676	0.2984	0.4244
bsp38	0.3196	0.2702	0.2596	0.0456	0.2666	0.2121	0.2862	0.2905
bsp39	0.1227	0.1376	0.1595	0.0411	0.0696	0.0754	0.1101	0.1323
bsp40	0.4302	0.3863	0.1077	-0.0068	0.3145	0.2563	0.2357	0.3595
bsp41	0.4058	0.2661	0.1380	-0.0115	0.2387	0.2151	0.1380	0.3530
bsp42	0.1240	0.2482	0.2202	0.0324	0.0352	0.0309	0.1711	-0.0033
bsp43	0.1957	0.1505	0.1495	0.1026	0.1407	0.1877	0.1730	0.0859
bsp44	0.1742	0.1578	0.1814	0.1101	0.1824	0.0325	0.2158	0.0951
bsp45	0.2038	0.1322	0.1952	0.1056	0.1566	0.1114	0.1779	0.1807
bsp46	0.1841	0.3763	0.2442	0.0347	0.1638	0.0604	0.1540	0.1519
bsp47	0.3245	0.4980	0.4472	0.0475	0.1682	0.1519	0.3247	0.3438
bsp48	0.2559	0.3042	0.3304	0.0698	0.2657	0.1584	0.2601	0.2094
bsp49	0.1718	0.3895	0.2433	-0.0095	0.1134	0.0099	0.1761	0.0100
bsp50	0.1351	0.1421	0.1547	0.0721	0.0967	0.0541	0.1760	0.0655

bsp51	**0.3929**	**0.4098**	**0.3082**	**0.0865**	**0.2511**	**0.1858**	**0.4346**	**0.3098**
bsp52	**0.1736**	**0.2542**	**0.2376**	**0.0688**	**0.0958**	**0.0722**	**0.1782**	**0.0732**
bsp53	**0.1173**	**0.1153**	**0.0741**	**0.0413**	**0.1382**	**0.1066**	**0.1128**	**0.1091**

	bsp33	bsp34	bsp35	bsp36	bsp37	bsp38	bsp39	bsp40
bsp33	**1.2756**							
bsp34	**0.2732**	**0.9360**						
bsp35	**0.5392**	**0.1865**	**0.9067**					
bsp36	**0.5189**	**0.1479**	**0.5006**	**0.7007**				
bsp37	**0.8301**	**0.2204**	**0.5250**	**0.4978**	**1.2842**			
bsp38	**0.3968**	**0.1588**	**0.3190**	**0.2748**	**0.4666**	**0.8436**		
bsp39	**0.0987**	**0.1312**	**0.1876**	**0.1017**	**0.1621**	**0.1310**	**0.4263**	
bsp40	**0.5697**	**0.1012**	**0.4629**	**0.3636**	**0.4476**	**0.2060**	**0.1062**	**0.8881**
bsp41	**0.4658**	**0.0332**	**0.3721**	**0.3144**	**0.4134**	**0.2667**	**0.0408**	**0.5680**
bsp42	**0.0312**	**0.3512**	**0.0591**	**0.0654**	**0.1010**	**0.1112**	**0.0876**	**-0.0686**
bsp43	**0.1803**	**0.1323**	**0.1161**	**0.1846**	**0.2067**	**0.0700**	**0.0784**	**-0.0206**
bsp44	**0.0987**	**0.1592**	**0.1611**	**0.1458**	**0.1272**	**0.1842**	**0.1034**	**0.0448**
bsp45	**0.1748**	**0.1749**	**0.1931**	**0.1834**	**0.2617**	**0.2017**	**0.1295**	**0.0796**
bsp46	**0.2121**	**0.2870**	**0.1422**	**0.1151**	**0.1555**	**0.1735**	**0.0785**	**0.1777**
bsp47	**0.3607**	**0.1344**	**0.2747**	**0.1537**	**0.3153**	**0.2726**	**0.1073**	**0.2311**
bsp48	**0.3447**	**0.2767**	**0.1998**	**0.2206**	**0.2761**	**0.2491**	**0.0657**	**0.1580**
bsp49	**0.0572**	**0.2658**	**-0.0504**	**0.0052**	**0.0697**	**0.2967**	**0.0194**	**0.0570**
bsp50	**0.1074**	**0.1543**	**0.1495**	**0.1121**	**0.0944**	**0.1072**	**0.1010**	**0.0963**
bsp51	**0.4550**	**0.2163**	**0.3836**	**0.3742**	**0.4202**	**0.4180**	**0.0949**	**0.3007**
bsp52	**0.0630**	**0.3385**	**0.0571**	**0.0620**	**0.1020**	**0.1939**	**0.1116**	**-0.0186**
bsp53	**0.1893**	**0.0677**	**0.1991**	**0.1603**	**0.1429**	**0.1058**	**0.0676**	**0.1546**

	bsp41	bsp42	bsp43	bsp44	bsp45	bsp46	bsp47	bsp48
bsp41	**0.7534**							
bsp42	**0.0101**	**0.7924**						
bsp43	**-0.0265**	**0.1678**	**0.6003**					
bsp44	**0.0187**	**0.2013**	**0.0782**	**0.4971**				
bsp45	**0.1262**	**0.1473**	**0.1044**	**0.1585**	**0.4340**			
bsp46	**0.1530**	**0.1507**	**0.0543**	**0.1087**	**0.1174**	**0.8916**		
bsp47	**0.1523**	**0.0806**	**0.0661**	**0.1816**	**0.1770**	**0.1718**	**1.0014**	
bsp48	**0.1424**	**0.1401**	**0.1393**	**0.2549**	**0.2108**	**0.4750**	**0.3723**	**1.0278**
bsp49	**0.0866**	**0.2165**	**0.0720**	**0.1335**	**0.1873**	**0.4114**	**0.3175**	**0.4686**
bsp50	**0.0211**	**0.1021**	**0.1176**	**0.1781**	**0.1164**	**0.1216**	**0.0707**	**0.1648**
bsp51	**0.2321**	**0.2424**	**0.1948**	**0.2765**	**0.2310**	**0.1963**	**0.3904**	**0.4543**
bsp52	**-0.0392**	**0.2721**	**0.1643**	**0.1936**	**0.2021**	**0.1772**	**0.1396**	**0.3214**
bsp53	**0.0904**	**-0.0035**	**0.0550**	**0.0783**	**0.1005**	**0.0319**	**0.0999**	**0.1232**

	bsp49	bsp50	bsp51	bsp52	bsp53
bsp49	**1.2681**				
bsp50	**0.0783**	**0.3443**			
bsp51	**0.2856**	**0.2174**	**0.9214**		
bsp52	**0.4410**	**0.2198**	**0.3404**	**0.8918**	
bsp53	**0.0193**	**0.1035**	**0.1534**	**0.0978**	**0.2161**

Pairwise number of observations

	bsp1	bsp2	bsp3	bsp4	bsp5	bsp6	bsp7	bsp8	bsp9	bsp10
bsp1	337									
bsp2	336	337								
bsp3	337	337	338							
bsp4	337	337	338	338						
bsp5	337	337	338	338	338					
bsp6	337	337	338	338	338	338				
bsp7	336	336	337	337	337	337	337			
bsp8	336	336	337	337	337	337	336	337		
bsp9	336	336	337	337	337	337	336	336	337	
bsp10	337	337	338	338	338	338	337	337	337	338
bsp11	337	337	338	338	338	338	337	337	337	338
bsp12	336	336	337	337	337	337	336	336	336	337
bsp13	335	335	336	336	336	336	335	335	335	336
bsp14	335	335	336	336	336	336	335	335	336	336
bsp15	337	337	338	338	338	338	337	337	337	338
bsp16	334	334	335	335	335	335	334	334	334	335
bsp17	335	335	336	336	336	336	335	335	335	336
bsp18	337	337	338	338	338	338	337	337	337	338
bsp19	337	337	338	338	338	338	337	337	337	338
bsp20	337	337	338	338	338	338	337	337	337	338
bsp21	337	337	338	338	338	338	337	337	337	338
bsp22	335	335	336	336	336	336	335	335	335	336
bsp23	336	336	337	337	337	337	336	336	336	337
bsp24	337	337	338	338	338	338	337	337	337	338
bsp25	337	337	338	338	338	338	337	337	337	338
bsp26	337	337	338	338	338	338	337	337	337	338
bsp27	336	336	337	337	337	337	336	336	336	337
bsp28	337	337	338	338	338	338	337	337	337	338
bsp29	336	336	337	337	337	337	336	336	336	337
bsp30	337	337	338	338	338	338	337	337	337	338
bsp31	335	335	336	336	336	336	335	335	335	336
bsp32	337	337	338	338	338	338	337	337	337	338
bsp33	335	335	336	336	336	336	335	335	335	336
bsp34	335	335	336	336	336	336	335	335	335	336
bsp35	336	336	337	337	337	337	336	337	336	337
bsp36	336	336	337	337	337	337	336	336	336	337
bsp37	336	336	337	337	337	337	336	336	336	337
bsp38	337	337	338	338	338	338	337	337	337	338
bsp39	337	337	338	338	338	338	337	337	337	338
bsp40	336	336	337	337	337	337	336	336	336	337
bsp41	337	337	338	338	338	338	337	337	337	338
bsp42	337	337	338	338	338	338	337	337	337	338
bsp43	337	337	338	338	338	338	337	337	337	338
bsp44	335	335	336	336	336	336	335	335	335	336
bsp45	337	337	338	338	338	338	337	337	337	338
bsp46	334	334	335	335	335	335	334	334	334	335

bsp47	**337**	**337**	**338**	**338**	**338**	**338**	**337**	**337**	**337**	**338**
bsp48	**337**	**337**	**338**	**338**	**338**	**338**	**337**	**337**	**337**	**338**
bsp49	**337**	**337**	**338**	**338**	**338**	**338**	**337**	**337**	**337**	**338**
bsp50	**337**	**337**	**338**	**338**	**338**	**338**	**337**	**337**	**337**	**338**
bsp51	**337**	**337**	**338**	**338**	**338**	**338**	**337**	**337**	**337**	**338**
bsp52	**337**	**337**	**338**	**338**	**338**	**338**	**337**	**337**	**337**	**338**
bsp53	**337**	**337**	**338**	**338**	**338**	**338**	**337**	**337**	**337**	**338**

	bsp11	bsp12	bsp13	bsp14	bsp15	bsp16	bsp17	bsp18	bsp19	bsp20
bsp11	**338**									
bsp12	**337**	**337**								
bsp13	**336**	**335**	**337**							
bsp14	**336**	**335**	**335**	**337**						
bsp15	**338**	**337**	**337**	**337**	**339**					
bsp16	**335**	**334**	**334**	**334**	**336**	**336**				
bsp17	**336**	**335**	**335**	**335**	**337**	**334**	**337**			
bsp18	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**		
bsp19	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	
bsp20	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp21	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp22	**336**	**335**	**335**	**335**	**337**	**334**	**335**	**337**	**337**	**337**
bsp23	**337**	**336**	**336**	**336**	**338**	**335**	**336**	**338**	**338**	**338**
bsp24	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp25	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp26	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp27	**337**	**336**	**336**	**336**	**338**	**335**	**336**	**338**	**338**	**338**
bsp28	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp29	**337**	**336**	**336**	**336**	**338**	**335**	**336**	**338**	**338**	**338**
bsp30	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp31	**336**	**335**	**335**	**335**	**337**	**334**	**335**	**337**	**337**	**337**
bsp32	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp33	**336**	**335**	**335**	**335**	**337**	**334**	**336**	**337**	**337**	**337**
bsp34	**336**	**335**	**335**	**335**	**337**	**334**	**335**	**337**	**337**	**337**
bsp35	**337**	**336**	**336**	**336**	**338**	**335**	**336**	**338**	**338**	**338**
bsp36	**337**	**336**	**336**	**336**	**338**	**335**	**336**	**338**	**338**	**338**
bsp37	**337**	**336**	**336**	**336**	**338**	**335**	**336**	**338**	**338**	**338**
bsp38	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp39	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp40	**337**	**336**	**336**	**336**	**338**	**335**	**336**	**338**	**338**	**338**
bsp41	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp42	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp43	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp44	**336**	**335**	**335**	**335**	**337**	**334**	**335**	**337**	**337**	**337**
bsp45	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp46	**335**	**334**	**334**	**334**	**336**	**333**	**334**	**336**	**336**	**336**
bsp47	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp48	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp49	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp50	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**

bsp51	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp52	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**
bsp53	**338**	**337**	**337**	**337**	**339**	**336**	**337**	**339**	**339**	**339**

	bsp21	bsp22	bsp23	bsp24	bsp25	bsp26	bsp27	bsp28	bsp29	bsp30
bsp21	**339**									
bsp22	**337**	**337**								
bsp23	**338**	**336**	**338**							
bsp24	**339**	**337**	**338**	**339**						
bsp25	**339**	**337**	**338**	**339**	**339**					
bsp26	**339**	**337**	**338**	**339**	**339**	**339**				
bsp27	**338**	**336**	**337**	**338**	**338**	**338**	**338**			
bsp28	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**		
bsp29	**338**	**336**	**337**	**338**	**338**	**338**	**337**	**338**	**338**	
bsp30	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp31	**337**	**336**	**336**	**337**	**337**	**337**	**336**	**337**	**336**	**337**
bsp32	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp33	**337**	**335**	**336**	**337**	**337**	**337**	**336**	**337**	**336**	**337**
bsp34	**337**	**335**	**336**	**337**	**337**	**337**	**336**	**337**	**336**	**337**
bsp35	**338**	**336**	**337**	**338**	**338**	**338**	**337**	**338**	**337**	**338**
bsp36	**338**	**336**	**337**	**338**	**338**	**338**	**337**	**338**	**337**	**338**
bsp37	**338**	**336**	**337**	**338**	**338**	**338**	**337**	**338**	**337**	**338**
bsp38	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp39	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp40	**338**	**336**	**337**	**338**	**338**	**338**	**337**	**338**	**337**	**338**
bsp41	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp42	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp43	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp44	**337**	**335**	**336**	**337**	**337**	**337**	**336**	**337**	**336**	**337**
bsp45	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp46	**336**	**335**	**335**	**336**	**336**	**336**	**335**	**336**	**335**	**336**
bsp47	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp48	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp49	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp50	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp51	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp52	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**
bsp53	**339**	**337**	**338**	**339**	**339**	**339**	**338**	**339**	**338**	**339**

	bsp31	bsp32	bsp33	bsp34	bsp35	bsp36	bsp37	bsp38	bsp39	bsp40
bsp31	**337**									
bsp32	**337**	**339**								
bsp33	**335**	**337**	**337**							
bsp34	**335**	**337**	**335**	**337**						
bsp35	**336**	**338**	**336**	**336**	**338**					
bsp36	**336**	**338**	**336**	**336**	**337**	**338**				
bsp37	**336**	**338**	**336**	**336**	**337**	**337**	**338**			
bsp38	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**		
bsp39	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	
bsp40	**336**	**338**	**336**	**336**	**337**	**337**	**337**	**338**	**338**	**338**
bsp41	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp42	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp43	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp44	**335**	**337**	**335**	**335**	**336**	**336**	**336**	**337**	**337**	**336**
bsp45	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp46	**335**	**336**	**334**	**334**	**335**	**335**	**335**	**336**	**336**	**335**
bsp47	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp48	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp49	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp50	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp51	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp52	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**
bsp53	**337**	**339**	**337**	**337**	**338**	**338**	**338**	**339**	**339**	**338**

	bsp41	bsp42	bsp43	bsp44	bsp45	bsp46	bsp47	bsp48	bsp49	bsp50
bsp41	**339**									
bsp42	**339**	**339**								
bsp43	**339**	**339**	**339**							
bsp44	**337**	**337**	**337**	**337**						
bsp45	**339**	**339**	**339**	**337**	**339**					
bsp46	**336**	**336**	**336**	**334**	**336**	**336**				
bsp47	**339**	**339**	**339**	**337**	**339**	**336**	**339**			
bsp48	**339**	**339**	**339**	**337**	**339**	**336**	**339**	**339**		
bsp49	**339**	**339**	**339**	**337**	**339**	**336**	**339**	**339**	**339**	
bsp50	**339**	**339**	**339**	**337**	**339**	**336**	**339**	**339**	**339**	**339**
bsp51	**339**	**339**	**339**	**337**	**339**	**336**	**339**	**339**	**339**	**339**
bsp52	**339**	**339**	**339**	**337**	**339**	**336**	**339**	**339**	**339**	**339**
bsp53	**339**	**339**	**339**	**337**	**339**	**336**	**339**	**339**	**339**	**339**

	bsp51	bsp52	bsp53
bsp51	**339**		
bsp52	**339**	**339**	
bsp53	**339**	**339**	**339**

```
245 . //  alpha reliability of BSI positive symptom subscale for females
246 . alpha `bsIps' if gender==2, item detail

    Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bsp1	361	+	0.5750	0.5472	.2933144	0.952
bsp2	361	+	0.4686	0.4443	.2985972	0.953
bsp3	361	+	0.4517	0.4349	.3015439	0.953
bsp4	361	+	0.5161	0.4896	.2962644	0.952
bsp5	361	+	0.5627	0.5362	.2944475	0.952
bsp6	361	+	0.5205	0.4942	.2962486	0.952
bsp7	360	+	0.6208	0.5937	.2912914	0.952
bsp8	361	+	0.4351	0.4138	.3004468	0.953
bsp9	360	+	0.2379	0.2241	.3052318	0.953
bsp10	361	+	0.5756	0.5446	.2919653	0.952
bsp11	360	+	0.4114	0.3858	.2997999	0.953
bsp12	361	+	0.6319	0.6118	.2946014	0.952
bsp13	362	+	0.5081	0.4828	.2970808	0.952
bsp14	360	+	0.6294	0.6076	.2937951	0.952
bsp15	363	+	0.6496	0.6272	.292409	0.952
bsp16	363	+	0.5354	0.5044	.2938025	0.952
bsp17	363	+	0.7210	0.7001	.2888521	0.951
bsp18	362	+	0.5675	0.5477	.297351	0.952
bsp19	361	+	0.7085	0.6903	.2919645	0.951

bsp20	362	+	0.5702	0.5407	.2928212	0.952
> 7						
bsp21	363	+	0.6153	0.5935	.2944595	0.952
> 4						
bsp22	362	+	0.5575	0.5368	.2972375	0.952
> 7						
bsp23	363	+	0.4839	0.4596	.2982046	0.953
> 0						
bsp24	361	+	0.5159	0.4919	.297286	0.952
> 9						
bsp25	362	+	0.6237	0.5957	.2906888	0.952
> 4						
bsp26	362	+	0.6627	0.6370	.2895848	0.952
> 1						
bsp27	362	+	0.6014	0.5768	.2935508	0.952
> 5						
bsp28	362	+	0.4730	0.4507	.2991666	0.953
> 0						
bsp29	361	+	0.6301	0.6073	.2931712	0.952
> 3						
bsp30	362	+	0.6380	0.6135	.2918633	0.952
> 3						
bsp31	362	+	0.5749	0.5506	.2950555	0.952
> 6						
bsp32	361	+	0.5305	0.5102	.2982894	0.952
> 8						
bsp33	360	+	0.6661	0.6426	.2907581	0.952
> 1						
bsp34	362	+	0.5230	0.4927	.2945852	0.952
> 9						
bsp35	362	+	0.5899	0.5649	.2939058	0.952
> 5						
bsp36	355	+	0.6099	0.5883	.2947927	0.952
> 4						
bsp37	363	+	0.7292	0.7090	.2888755	0.951
> 7						
bsp38	363	+	0.6562	0.6331	.2916431	0.952
> 2						
bsp39	363	+	0.4800	0.4582	.2991652	0.953
> 0						
bsp40	361	+	0.3357	0.3164	.3029882	0.953
> 5						
bsp41	363	+	0.2771	0.2544	.3034097	0.953
> 7						
bsp42	362	+	0.4240	0.3924	.2979127	0.953
> 4						
bsp43	363	+	0.5174	0.4874	.2950262	0.952
> 9						
bsp44	361	+	0.5329	0.5134	.2984921	0.952

```
> 8
bsp45          |  360    +       0.6904        0.6729        .2933853      0.952
> 1
bsp46          |  363    +       0.3814        0.3549        .3003979      0.953
> 4
bsp47          |  363    +       0.4249        0.3919        .2974992      0.953
> 4
bsp48          |  360    +       0.5334        0.5031        .2942304      0.952
> 9
bsp49          |  363    +       0.4366        0.4012        .2964176      0.953
> 5
bsp50          |  362    +       0.4515        0.4333        .3010839      0.953
> 2
bsp51          |  363    +       0.4786        0.4477        .2961856      0.953
> 1
bsp52          |  360    +       0.5619        0.5342        .2940131      0.952
> 7
bsp53          |  361    +       0.4451        0.4291        .3018537      0.953
> 2
---------------+-----------------------------------------------------------------
> —
Test scale     |                                             .2957926      0.953
> 6
---------------+-----------------------------------------------------------------
> —
```

Interitem covariances (obs=pairwise, see below)

	bsp1	bsp2	bsp3	bsp4	bsp5	bsp6	bsp7	bsp8
bsp1	1.3951							
bsp2	0.3198	0.8107						
bsp3	0.1851	0.2027	0.3709					
bsp4	0.3582	0.2456	0.1527	1.0780				
bsp5	0.4445	0.3037	0.2304	0.3328	1.2277			
bsp6	0.6308	0.2846	0.1508	0.4432	0.3550	1.0586		
bsp7	0.5975	0.3540	0.1736	0.3897	0.6182	0.4484	1.5642	
bsp8	0.1072	0.1162	0.1227	0.1589	0.2142	0.1611	0.2987	0.5786
bsp9	0.0340	0.0378	0.0692	0.0576	0.0518	0.0269	0.0880	0.0760
bsp10	0.4923	0.2357	0.1932	0.5273	0.3632	0.3873	0.5349	0.1080
bsp11	0.2158	0.2575	0.1736	0.0922	0.1854	0.2084	0.2475	0.1868
bsp12	0.3949	0.3176	0.2317	0.4211	0.3618	0.3199	0.4261	0.1819
bsp13	0.3866	0.1460	0.2146	0.3607	0.4282	0.4476	0.2269	0.1171
bsp14	0.4024	0.1761	0.1950	0.2674	0.3695	0.3022	0.4920	0.2102
bsp15	0.3704	0.3274	0.2334	0.3684	0.4446	0.3273	0.4235	0.1702
bsp16	0.3976	0.1568	0.1643	0.3304	0.3713	0.3431	0.5861	0.2509
bsp17	0.6268	0.3522	0.1584	0.4544	0.4444	0.4677	0.6863	0.2656
bsp18	0.3078	0.1347	0.1060	0.2226	0.2694	0.2554	0.3968	0.2081
bsp19	0.5312	0.2614	0.1299	0.3364	0.3769	0.3617	0.5025	0.2128
bsp20	0.3785	0.2847	0.1587	0.2411	0.3941	0.3965	0.4930	0.2501

bsp21	**0.3418**	**0.2033**	**0.1895**	**0.3373**	**0.2710**	**0.2652**	**0.3811**	**0.2480**
bsp22	**0.2062**	**0.1831**	**0.1759**	**0.2237**	**0.3117**	**0.2188**	**0.3561**	**0.2214**
bsp23	**0.2891**	**0.5246**	**0.1364**	**0.2084**	**0.4096**	**0.3057**	**0.3964**	**0.0903**
bsp24	**0.2870**	**0.1947**	**0.1924**	**0.3105**	**0.1914**	**0.2501**	**0.2120**	**0.0806**
bsp25	**0.6073**	**0.3394**	**0.1959**	**0.3842**	**0.4899**	**0.4107**	**0.8683**	**0.1860**
bsp26	**0.4951**	**0.3268**	**0.2188**	**0.4906**	**0.4987**	**0.3513**	**0.5851**	**0.2241**
bsp27	**0.4606**	**0.2885**	**0.1728**	**0.4300**	**0.3134**	**0.2998**	**0.3941**	**0.1837**
bsp28	**0.2400**	**0.1855**	**0.0842**	**0.2043**	**0.1652**	**0.2552**	**0.2073**	**0.2255**
bsp29	**0.4020**	**0.3065**	**0.1695**	**0.3283**	**0.5173**	**0.3376**	**0.8483**	**0.2878**
bsp30	**0.4554**	**0.2528**	**0.1613**	**0.3726**	**0.5407**	**0.2493**	**0.6978**	**0.2159**
bsp31	**0.4120**	**0.2319**	**0.1529**	**0.2616**	**0.3243**	**0.2261**	**0.4426**	**0.1815**
bsp32	**0.2826**	**0.2402**	**0.1743**	**0.2034**	**0.2821**	**0.1962**	**0.2505**	**0.1317**
bsp33	**0.4278**	**0.3891**	**0.2391**	**0.4016**	**0.6362**	**0.2947**	**0.8002**	**0.3034**
bsp34	**0.3998**	**0.1144**	**0.1299**	**0.2169**	**0.3563**	**0.1521**	**0.3442**	**0.0862**
bsp35	**0.3950**	**0.2472**	**0.1808**	**0.2760**	**0.4395**	**0.3171**	**0.3546**	**0.1778**
bsp36	**0.3138**	**0.2484**	**0.1652**	**0.2522**	**0.5083**	**0.3212**	**0.4611**	**0.1753**
bsp37	**0.6232**	**0.4137**	**0.2108**	**0.3759**	**0.6633**	**0.3583**	**0.9233**	**0.3380**
bsp38	**0.5006**	**0.2644**	**0.1792**	**0.3156**	**0.4437**	**0.4479**	**0.5262**	**0.3000**
bsp39	**0.2814**	**0.0790**	**0.0374**	**0.1448**	**0.2579**	**0.1813**	**0.4064**	**0.1056**
bsp40	**0.1138**	**0.1027**	**0.0871**	**0.1090**	**0.1189**	**0.0841**	**0.1528**	**0.0632**
bsp41	**0.1307**	**0.1553**	**0.1277**	**0.1714**	**0.0588**	**0.1757**	**0.0167**	**0.0720**
bsp42	**0.2716**	**0.0933**	**-0.0125**	**0.2535**	**0.1762**	**0.0070**	**0.2877**	**0.0557**
bsp43	**0.4345**	**0.1537**	**0.0369**	**0.1617**	**0.3774**	**0.1942**	**0.5702**	**0.3146**
bsp44	**0.2054**	**0.1253**	**0.1039**	**0.2537**	**0.2320**	**0.2119**	**0.3249**	**0.1420**
bsp45	**0.4736**	**0.2318**	**0.1388**	**0.3697**	**0.3845**	**0.3928**	**0.4682**	**0.2617**
bsp46	**0.3076**	**0.1455**	**0.0498**	**0.1885**	**0.1696**	**0.3145**	**0.1279**	**0.0688**
bsp47	**0.4079**	**0.1531**	**0.0842**	**0.2237**	**0.2697**	**0.2388**	**0.3262**	**0.1984**
bsp48	**0.2772**	**0.1127**	**0.1987**	**0.4041**	**0.2614**	**0.3147**	**0.2704**	**0.2442**
bsp49	**0.4130**	**0.2255**	**0.1214**	**0.2984**	**0.1569**	**0.2577**	**0.3727**	**0.1124**
bsp50	**0.1377**	**0.0627**	**0.0575**	**0.1716**	**0.0831**	**0.1368**	**0.1533**	**0.1272**
bsp51	**0.3336**	**0.2240**	**0.1327**	**0.2388**	**0.2966**	**0.2000**	**0.3369**	**0.1154**
bsp52	**0.4268**	**0.1990**	**0.0838**	**0.3166**	**0.2690**	**0.3411**	**0.3947**	**0.1127**
bsp53	**0.1317**	**0.1256**	**0.1279**	**0.0956**	**0.1359**	**0.1498**	**0.1293**	**0.1388**

	bsp9	bsp10	bsp11	bsp12	bsp13	bsp14	bsp15	bsp16
bsp9	**0.1827**							
bsp10	**0.0239**	**1.6995**						
bsp11	**0.0418**	**0.1745**	**0.7963**					
bsp12	**0.0932**	**0.4861**	**0.2564**	**0.9187**				
bsp13	**0.0506**	**0.3931**	**0.0984**	**0.4229**	**0.9547**			
bsp14	**0.0695**	**0.5096**	**0.2272**	**0.4336**	**0.3463**	**1.0511**		
bsp15	**0.0929**	**0.6835**	**0.2287**	**0.4346**	**0.3491**	**0.4563**	**1.2019**	
bsp16	**0.0755**	**0.4354**	**0.1827**	**0.3193**	**0.2165**	**0.7784**	**0.3474**	**1.5258**
bsp17	**0.0739**	**0.6311**	**0.2069**	**0.4119**	**0.3228**	**0.6410**	**0.5714**	**0.8249**
bsp18	**0.0450**	**0.3073**	**0.1483**	**0.2466**	**0.1932**	**0.3650**	**0.2931**	**0.4529**
bsp19	**0.0627**	**0.5901**	**0.2664**	**0.5013**	**0.3623**	**0.4134**	**0.5136**	**0.4766**
bsp20	**0.0839**	**0.5106**	**0.2837**	**0.3122**	**0.1901**	**0.3961**	**0.5196**	**0.6084**
bsp21	**0.0664**	**0.4946**	**0.2187**	**0.3112**	**0.2562**	**0.4198**	**0.4858**	**0.4465**
bsp22	**0.0744**	**0.3336**	**0.1618**	**0.2092**	**0.1915**	**0.4383**	**0.3592**	**0.4658**

bsp23	**0.0095**	**0.2238**	**0.2442**	**0.3237**	**0.2245**	**0.2303**	**0.3563**	**0.2706**
bsp24	**0.0378**	**0.5277**	**0.1092**	**0.3623**	**0.3468**	**0.4009**	**0.3983**	**0.3124**
bsp25	**0.1066**	**0.6096**	**0.3566**	**0.5088**	**0.2908**	**0.5277**	**0.5359**	**0.5737**
bsp26	**0.0621**	**0.8695**	**0.2118**	**0.4955**	**0.4152**	**0.4483**	**0.7065**	**0.4484**
bsp27	**0.0738**	**0.4050**	**0.1708**	**0.3353**	**0.2243**	**0.3131**	**0.5122**	**0.4069**
bsp28	**0.0179**	**0.2735**	**0.2216**	**0.2411**	**0.2123**	**0.2311**	**0.2898**	**0.1769**
bsp29	**0.0719**	**0.3941**	**0.2518**	**0.3858**	**0.2151**	**0.4409**	**0.3735**	**0.4698**
bsp30	**0.0984**	**0.4606**	**0.2914**	**0.4315**	**0.3422**	**0.4207**	**0.6026**	**0.2962**
bsp31	**0.0247**	**0.2921**	**0.1635**	**0.3089**	**0.2677**	**0.3960**	**0.4674**	**0.3559**
bsp32	**0.1080**	**0.2234**	**0.2092**	**0.2066**	**0.2474**	**0.1891**	**0.3059**	**0.2069**
bsp33	**0.0473**	**0.4758**	**0.2780**	**0.4463**	**0.3205**	**0.4339**	**0.5779**	**0.4102**
bsp34	**0.0555**	**0.4632**	**0.1400**	**0.3676**	**0.2789**	**0.3730**	**0.4304**	**0.3225**
bsp35	**0.0838**	**0.3213**	**0.2681**	**0.3312**	**0.2572**	**0.3961**	**0.4786**	**0.5724**
bsp36	**0.0448**	**0.2816**	**0.2946**	**0.3112**	**0.2426**	**0.2755**	**0.4235**	**0.3746**
bsp37	**0.0603**	**0.5873**	**0.4300**	**0.4350**	**0.2159**	**0.5354**	**0.6235**	**0.6209**
bsp38	**0.0465**	**0.4238**	**0.3892**	**0.4230**	**0.4340**	**0.4543**	**0.4902**	**0.3747**
bsp39	**0.0612**	**0.1730**	**0.1234**	**0.1366**	**0.0916**	**0.2898**	**0.2289**	**0.4010**
bsp40	**0.0239**	**0.1332**	**0.0827**	**0.1197**	**0.2024**	**0.1208**	**0.1072**	**0.0594**
bsp41	**0.0245**	**0.2109**	**0.0988**	**0.1185**	**0.2160**	**0.1343**	**0.1287**	**0.0331**
bsp42	**0.0466**	**0.4526**	**0.0988**	**0.3148**	**0.0763**	**0.2454**	**0.3742**	**0.3341**
bsp43	**0.0496**	**0.3208**	**0.2492**	**0.3157**	**0.2720**	**0.4038**	**0.3380**	**0.4016**
bsp44	**0.0779**	**0.3070**	**0.1133**	**0.1904**	**0.2060**	**0.3522**	**0.2354**	**0.4169**
bsp45	**0.0171**	**0.5158**	**0.1770**	**0.4678**	**0.4137**	**0.3376**	**0.3972**	**0.3045**
bsp46	**0.0003**	**0.3823**	**0.0387**	**0.2290**	**0.2887**	**0.2182**	**0.2606**	**0.0934**
bsp47	**0.0222**	**0.2986**	**0.1353**	**0.2883**	**0.1948**	**0.1891**	**0.2398**	**0.2099**
bsp48	**0.0740**	**0.6904**	**0.1707**	**0.3706**	**0.3088**	**0.3017**	**0.5036**	**0.2671**
bsp49	**0.0370**	**0.5350**	**0.2057**	**0.4234**	**0.3701**	**0.2851**	**0.4218**	**0.1139**
bsp50	**0.0532**	**0.1676**	**0.0639**	**0.1398**	**0.1875**	**0.1786**	**0.1625**	**0.1979**
bsp51	**0.0171**	**0.4273**	**0.1445**	**0.2508**	**0.1579**	**0.3753**	**0.3670**	**0.2351**
bsp52	**0.0403**	**0.3994**	**0.1351**	**0.4519**	**0.2771**	**0.4310**	**0.3583**	**0.3600**
bsp53	**0.0320**	**0.1988**	**0.1199**	**0.1393**	**0.1565**	**0.1985**	**0.1543**	**0.1587**

	bsp17	bsp18	bsp19	bsp20	bsp21	bsp22	bsp23	bsp24
bsp17	**1.4950**							
bsp18	**0.4528**	**0.6970**						
bsp19	**0.7338**	**0.4214**	**1.0611**					
bsp20	**0.7800**	**0.3921**	**0.6612**	**1.5316**				
bsp21	**0.4768**	**0.3059**	**0.4035**	**0.4864**	**0.9952**			
bsp22	**0.4237**	**0.2800**	**0.3068**	**0.4053**	**0.4538**	**0.7430**		
bsp23	**0.3220**	**0.2048**	**0.3012**	**0.2797**	**0.2275**	**0.1803**	**0.8294**	
bsp24	**0.3545**	**0.1880**	**0.2964**	**0.3287**	**0.4314**	**0.2604**	**0.2064**	**0.8729**
bsp25	**0.6392**	**0.3564**	**0.5344**	**0.5744**	**0.4404**	**0.3379**	**0.3234**	**0.4413**
bsp26	**0.7324**	**0.3685**	**0.6346**	**0.6756**	**0.5309**	**0.3146**	**0.2846**	**0.4047**
bsp27	**0.5549**	**0.3395**	**0.5022**	**0.4953**	**0.4020**	**0.3065**	**0.2803**	**0.2713**
bsp28	**0.3529**	**0.2257**	**0.3707**	**0.2199**	**0.2615**	**0.1901**	**0.2078**	**0.1824**
bsp29	**0.5408**	**0.2611**	**0.4039**	**0.4688**	**0.3790**	**0.3031**	**0.3757**	**0.2914**
bsp30	**0.6711**	**0.2316**	**0.5296**	**0.4885**	**0.3851**	**0.3232**	**0.3331**	**0.2593**
bsp31	**0.5694**	**0.2120**	**0.3843**	**0.3232**	**0.3915**	**0.3416**	**0.2638**	**0.2489**
bsp32	**0.3257**	**0.2226**	**0.3144**	**0.2565**	**0.2245**	**0.1651**	**0.1929**	**0.1867**

bsp33	**0.6828**	**0.3576**	**0.5544**	**0.5246**	**0.4308**	**0.3496**	**0.3738**	**0.2533**
bsp34	**0.5921**	**0.2186**	**0.4385**	**0.4490**	**0.3780**	**0.2412**	**0.2169**	**0.3606**
bsp35	**0.4933**	**0.3099**	**0.4164**	**0.5488**	**0.4537**	**0.3965**	**0.2501**	**0.3219**
bsp36	**0.4704**	**0.2943**	**0.4056**	**0.4061**	**0.3095**	**0.2690**	**0.2177**	**0.1740**
bsp37	**0.7915**	**0.4083**	**0.5955**	**0.6053**	**0.5083**	**0.4071**	**0.4462**	**0.2756**
bsp38	**0.5851**	**0.3385**	**0.5260**	**0.4410**	**0.4093**	**0.2641**	**0.3112**	**0.2878**
bsp39	**0.3986**	**0.2054**	**0.2651**	**0.3286**	**0.2840**	**0.1983**	**0.1754**	**0.1701**
bsp40	**0.1175**	**0.0910**	**0.1389**	**0.0207**	**0.1130**	**0.0841**	**0.0777**	**0.1581**
bsp41	**0.1002**	**0.0186**	**0.0462**	**0.0209**	**0.0925**	**0.1091**	**0.0740**	**0.1768**
bsp42	**0.4817**	**0.2215**	**0.4158**	**0.2876**	**0.2695**	**0.2075**	**0.1200**	**0.2375**
bsp43	**0.5933**	**0.2909**	**0.5193**	**0.3323**	**0.2845**	**0.2167**	**0.2397**	**0.1177**
bsp44	**0.4034**	**0.2382**	**0.2905**	**0.2775**	**0.2947**	**0.3272**	**0.0893**	**0.1754**
bsp45	**0.5370**	**0.3047**	**0.5272**	**0.3708**	**0.3845**	**0.2090**	**0.2528**	**0.3141**
bsp46	**0.2753**	**0.0767**	**0.2880**	**0.1704**	**0.1872**	**0.0488**	**0.1571**	**0.2271**
bsp47	**0.4036**	**0.2380**	**0.3727**	**0.2322**	**0.2209**	**0.2002**	**0.1468**	**0.1691**
bsp48	**0.5113**	**0.2895**	**0.5356**	**0.5555**	**0.4859**	**0.3665**	**0.0693**	**0.3395**
bsp49	**0.5326**	**0.2654**	**0.5026**	**0.2885**	**0.2289**	**-0.0061**	**0.1959**	**0.2109**
bsp50	**0.2040**	**0.1804**	**0.1494**	**0.2008**	**0.2360**	**0.1713**	**0.0483**	**0.1058**
bsp51	**0.4486**	**0.1435**	**0.1811**	**0.3470**	**0.3534**	**0.3073**	**0.1974**	**0.3805**
bsp52	**0.6961**	**0.3119**	**0.4625**	**0.3961**	**0.3197**	**0.1882**	**0.1898**	**0.2310**
bsp53	**0.1599**	**0.0993**	**0.1359**	**0.1757**	**0.1599**	**0.1879**	**0.1174**	**0.1408**

	bsp25	bsp26	bsp27	bsp28	bsp29	bsp30	bsp31	bsp32
bsp25	**1.6694**							
bsp26	**0.6451**	**1.6622**						
bsp27	**0.4666**	**0.6667**	**1.2102**					
bsp28	**0.3009**	**0.2819**	**0.2453**	**0.6867**				
bsp29	**0.6619**	**0.5168**	**0.3466**	**0.2092**	**1.1594**			
bsp30	**0.6408**	**0.6097**	**0.4254**	**0.3141**	**0.6674**	**1.3592**		
bsp31	**0.3152**	**0.4473**	**0.4461**	**0.2346**	**0.3876**	**0.5325**	**1.0571**	
bsp32	**0.3869**	**0.2823**	**0.2842**	**0.1586**	**0.2696**	**0.2891**	**0.2281**	**0.6595**
bsp33	**0.6451**	**0.7591**	**0.5536**	**0.1896**	**0.7546**	**0.7525**	**0.5185**	**0.3541**
bsp34	**0.4592**	**0.5369**	**0.4097**	**0.1504**	**0.3955**	**0.6211**	**0.4053**	**0.2193**
bsp35	**0.4420**	**0.4672**	**0.4811**	**0.2054**	**0.3905**	**0.4500**	**0.3757**	**0.3822**
bsp36	**0.4674**	**0.4697**	**0.4141**	**0.1813**	**0.3900**	**0.4250**	**0.3304**	**0.3475**
bsp37	**0.8197**	**0.6191**	**0.5789**	**0.3179**	**0.7555**	**0.6789**	**0.4743**	**0.3520**
bsp38	**0.6204**	**0.5899**	**0.4420**	**0.3286**	**0.5296**	**0.6289**	**0.4736**	**0.3512**
bsp39	**0.3824**	**0.2561**	**0.3087**	**0.1065**	**0.3280**	**0.3184**	**0.2514**	**0.2132**
bsp40	**0.2129**	**0.1217**	**0.1266**	**0.0915**	**0.1455**	**0.1169**	**0.0976**	**0.1536**
bsp41	**0.1194**	**0.1059**	**0.1184**	**0.0373**	**0.0880**	**0.0524**	**0.0642**	**0.1518**
bsp42	**0.2829**	**0.5671**	**0.4658**	**0.1327**	**0.0955**	**0.4387**	**0.3427**	**0.0906**
bsp43	**0.5484**	**0.4190**	**0.3518**	**0.3487**	**0.3948**	**0.5126**	**0.4338**	**0.2621**
bsp44	**0.3216**	**0.3039**	**0.2541**	**0.1682**	**0.2400**	**0.2265**	**0.2097**	**0.2560**
bsp45	**0.5370**	**0.5905**	**0.3842**	**0.3418**	**0.3863**	**0.4764**	**0.3643**	**0.2793**
bsp46	**0.2565**	**0.3095**	**0.2247**	**0.1344**	**0.1110**	**0.1064**	**0.1569**	**0.1302**
bsp47	**0.2813**	**0.5270**	**0.3449**	**0.2095**	**0.3508**	**0.3115**	**0.2740**	**0.1254**
bsp48	**0.3066**	**0.6836**	**0.4661**	**0.1802**	**0.3222**	**0.3715**	**0.2809**	**0.2326**
bsp49	**0.3233**	**0.6185**	**0.2315**	**0.2303**	**0.2100**	**0.4219**	**0.2590**	**0.2187**
bsp50	**0.1495**	**0.2310**	**0.2484**	**0.1205**	**0.1713**	**0.1656**	**0.1472**	**0.1409**

bsp51	**0.3360**	**0.4627**	**0.3573**	**0.1179**	**0.4195**	**0.3510**	**0.4298**	**0.1089**
bsp52	**0.4572**	**0.5151**	**0.4152**	**0.1966**	**0.3600**	**0.4507**	**0.4593**	**0.3083**
bsp53	**0.1129**	**0.2002**	**0.1510**	**0.1354**	**0.1377**	**0.1130**	**0.1687**	**0.1442**

	bsp33	bsp34	bsp35	bsp36	bsp37	bsp38	bsp39	bsp40
bsp33	**1.4273**							
bsp34	**0.3881**	**1.4207**						
bsp35	**0.5304**	**0.4566**	**1.1959**					
bsp36	**0.4550**	**0.4264**	**0.5434**	**0.9603**				
bsp37	**0.8553**	**0.4768**	**0.6276**	**0.5842**	**1.4574**			
bsp38	**0.6199**	**0.4412**	**0.4911**	**0.4893**	**0.7810**	**1.3094**		
bsp39	**0.3400**	**0.1945**	**0.3264**	**0.1907**	**0.4264**	**0.3199**	**0.6688**	
bsp40	**0.1835**	**0.0510**	**0.0659**	**0.1388**	**0.1892**	**0.1799**	**0.0405**	**0.3960**
bsp41	**0.1148**	**0.0498**	**0.1270**	**0.1033**	**0.0868**	**0.1793**	**-0.0083**	**0.1681**
bsp42	**0.2535**	**0.4730**	**0.2936**	**0.2672**	**0.3790**	**0.2333**	**0.1408**	**0.0206**
bsp43	**0.4555**	**0.3825**	**0.2626**	**0.3585**	**0.6155**	**0.4651**	**0.2906**	**0.1420**
bsp44	**0.3257**	**0.1885**	**0.3874**	**0.2820**	**0.3602**	**0.3175**	**0.1876**	**0.1040**
bsp45	**0.4788**	**0.4281**	**0.3459**	**0.4609**	**0.5585**	**0.5732**	**0.1618**	**0.1906**
bsp46	**0.1330**	**0.2148**	**0.1259**	**0.1586**	**0.1297**	**0.2275**	**0.1033**	**0.0880**
bsp47	**0.3601**	**0.3502**	**0.1848**	**0.3066**	**0.3408**	**0.3202**	**0.1063**	**0.0989**
bsp48	**0.4529**	**0.3949**	**0.3480**	**0.4037**	**0.3733**	**0.3931**	**0.1913**	**0.1204**
bsp49	**0.3642**	**0.3273**	**0.0598**	**0.2265**	**0.3274**	**0.4199**	**0.0445**	**0.0682**
bsp50	**0.2176**	**0.2325**	**0.2657**	**0.1727**	**0.1901**	**0.1784**	**0.1336**	**0.0702**
bsp51	**0.4189**	**0.4614**	**0.4012**	**0.2949**	**0.4910**	**0.4282**	**0.1770**	**0.1298**
bsp52	**0.4117**	**0.6011**	**0.3805**	**0.3991**	**0.4784**	**0.4684**	**0.2636**	**0.1508**
bsp53	**0.1844**	**0.1139**	**0.1733**	**0.2006**	**0.2016**	**0.1969**	**0.1041**	**0.0746**

	bsp41	bsp42	bsp43	bsp44	bsp45	bsp46	bsp47	bsp48
bsp41	**0.5045**							
bsp42	**-0.0421**	**1.2164**						
bsp43	**0.0061**	**0.3252**	**1.3561**					
bsp44	**0.1274**	**0.1625**	**0.2135**	**0.6201**				
bsp45	**0.1510**	**0.2646**	**0.4547**	**0.2840**	**0.9119**			
bsp46	**0.1339**	**0.1696**	**0.1864**	**0.0452**	**0.2780**	**0.8031**		
bsp47	**0.0766**	**0.3320**	**0.3431**	**0.1766**	**0.4038**	**0.1237**	**1.3356**	
bsp48	**0.2683**	**0.3410**	**0.2430**	**0.2607**	**0.3597**	**0.3513**	**0.3850**	**1.4324**
bsp49	**0.1180**	**0.3301**	**0.3640**	**0.1029**	**0.4490**	**0.3382**	**0.3814**	**0.5067**
bsp50	**0.0621**	**0.1774**	**0.1667**	**0.2039**	**0.2254**	**0.0883**	**0.1713**	**0.2582**
bsp51	**0.1529**	**0.2814**	**0.1682**	**0.1407**	**0.2563**	**0.2050**	**0.3261**	**0.4695**
bsp52	**0.1151**	**0.4304**	**0.3548**	**0.2132**	**0.4430**	**0.3253**	**0.3552**	**0.3833**
bsp53	**0.0819**	**0.0034**	**0.1358**	**0.1378**	**0.2090**	**0.1279**	**0.0972**	**0.1887**

	bsp49	bsp50	bsp51	bsp52	bsp53
bsp49	**1.5599**				
bsp50	**0.1895**	**0.4356**			
bsp51	**0.2965**	**0.2380**	**1.3112**		
bsp52	**0.4453**	**0.2548**	**0.5595**	**1.3239**	
bsp53	**0.1137**	**0.1232**	**0.1701**	**0.1601**	**0.3372**

Pairwise number of observations

	bsp1	bsp2	bsp3	bsp4	bsp5	bsp6	bsp7	bsp8	bsp9	bsp10
bsp1	361									
bsp2	361	361								
bsp3	361	361	361							
bsp4	361	361	361	361						
bsp5	361	361	361	361	361					
bsp6	361	361	361	361	361	361				
bsp7	360	360	360	360	360	360	360			
bsp8	361	361	361	361	361	361	360	361		
bsp9	360	360	360	360	360	360	359	360	360	
bsp10	361	361	361	361	361	361	360	361	360	361
bsp11	360	360	360	360	360	360	359	360	359	360
bsp12	361	361	361	361	361	361	360	361	360	361
bsp13	360	360	360	360	360	360	359	360	359	360
bsp14	358	358	358	358	358	358	357	358	357	358
bsp15	361	361	361	361	361	361	360	361	360	361
bsp16	361	361	361	361	361	361	360	361	360	361
bsp17	361	361	361	361	361	361	360	361	360	361
bsp18	360	360	360	360	360	360	359	360	359	360
bsp19	359	359	359	359	359	359	358	359	358	359
bsp20	360	360	360	360	360	360	359	360	359	360
bsp21	361	361	361	361	361	361	360	361	360	361
bsp22	360	360	360	360	360	360	359	360	359	360
bsp23	361	361	361	361	361	361	360	361	360	361
bsp24	359	359	359	359	359	359	358	359	358	359
bsp25	360	360	360	360	360	360	359	360	359	360
bsp26	360	360	360	360	360	360	359	360	359	360
bsp27	360	360	360	360	360	360	359	360	359	360
bsp28	360	360	360	360	360	360	359	360	359	360
bsp29	359	359	359	359	359	359	358	359	358	359
bsp30	360	360	360	360	360	360	359	360	359	360
bsp31	360	360	360	360	360	360	359	360	359	360
bsp32	359	359	359	359	359	359	358	359	358	359
bsp33	358	358	358	358	358	358	357	358	357	358
bsp34	360	360	360	360	360	360	359	360	359	360
bsp35	360	360	360	360	360	360	359	360	359	360
bsp36	353	353	353	353	353	353	352	353	352	353
bsp37	361	361	361	361	361	361	360	361	360	361
bsp38	361	361	361	361	361	361	360	361	360	361
bsp39	361	361	361	361	361	361	360	361	360	361
bsp40	359	359	359	359	359	359	358	359	358	359
bsp41	361	361	361	361	361	361	360	361	360	361
bsp42	360	360	360	360	360	360	359	360	359	360
bsp43	361	361	361	361	361	361	360	361	360	361
bsp44	359	359	359	359	359	359	358	359	358	359
bsp45	358	358	358	358	358	358	357	358	357	358
bsp46	361	361	361	361	361	361	360	361	360	361

bsp47	**361**	**361**	**361**	**361**	**361**	**361**	**360**	**361**	**360**	**361**
bsp48	**358**	**358**	**358**	**358**	**358**	**358**	**357**	**358**	**357**	**358**
bsp49	**361**	**361**	**361**	**361**	**361**	**361**	**360**	**361**	**360**	**361**
bsp50	**360**	**360**	**360**	**360**	**360**	**360**	**359**	**360**	**359**	**360**
bsp51	**361**	**361**	**361**	**361**	**361**	**361**	**360**	**361**	**360**	**361**
bsp52	**358**	**358**	**358**	**358**	**358**	**358**	**357**	**358**	**357**	**358**
bsp53	**359**	**359**	**359**	**359**	**359**	**359**	**358**	**359**	**358**	**359**

	bsp11	bsp12	bsp13	bsp14	bsp15	bsp16	bsp17	bsp18	bsp19	bsp20
bsp11	**360**									
bsp12	**360**	**361**								
bsp13	**359**	**360**	**362**							
bsp14	**357**	**358**	**359**	**360**						
bsp15	**360**	**361**	**362**	**360**	**363**					
bsp16	**360**	**361**	**362**	**360**	**363**	**363**				
bsp17	**360**	**361**	**362**	**360**	**363**	**363**	**363**			
bsp18	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**362**		
bsp19	**358**	**359**	**360**	**358**	**361**	**361**	**361**	**360**	**361**	
bsp20	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**362**
bsp21	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp22	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp23	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp24	**358**	**359**	**360**	**358**	**361**	**361**	**361**	**360**	**359**	**360**
bsp25	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp26	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp27	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp28	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp29	**358**	**359**	**360**	**358**	**361**	**361**	**361**	**360**	**359**	**360**
bsp30	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp31	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp32	**358**	**359**	**360**	**358**	**361**	**361**	**361**	**360**	**359**	**360**
bsp33	**357**	**358**	**359**	**357**	**360**	**360**	**360**	**359**	**358**	**359**
bsp34	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp35	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp36	**352**	**353**	**354**	**352**	**355**	**355**	**355**	**354**	**353**	**354**
bsp37	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp38	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp39	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp40	**358**	**359**	**360**	**358**	**361**	**361**	**361**	**360**	**359**	**360**
bsp41	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp42	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**
bsp43	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp44	**358**	**359**	**360**	**358**	**361**	**361**	**361**	**360**	**359**	**360**
bsp45	**357**	**358**	**359**	**357**	**360**	**360**	**360**	**359**	**358**	**359**
bsp46	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp47	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp48	**357**	**358**	**359**	**357**	**360**	**360**	**360**	**359**	**358**	**359**
bsp49	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp50	**359**	**360**	**361**	**359**	**362**	**362**	**362**	**361**	**360**	**361**

bsp51	**360**	**361**	**362**	**360**	**363**	**363**	**363**	**362**	**361**	**362**
bsp52	**357**	**358**	**359**	**357**	**360**	**360**	**360**	**359**	**358**	**359**
bsp53	**358**	**359**	**360**	**358**	**361**	**361**	**361**	**361**	**359**	**360**

	bsp21	bsp22	bsp23	bsp24	bsp25	bsp26	bsp27	bsp28	bsp29	bsp30
bsp21	**363**									
bsp22	**362**	**362**								
bsp23	**363**	**362**	**363**							
bsp24	**361**	**360**	**361**	**361**						
bsp25	**362**	**361**	**362**	**360**	**362**					
bsp26	**362**	**361**	**362**	**360**	**362**	**362**				
bsp27	**362**	**361**	**362**	**360**	**362**	**362**	**362**			
bsp28	**362**	**361**	**362**	**360**	**362**	**362**	**362**	**362**		
bsp29	**361**	**360**	**361**	**359**	**361**	**361**	**361**	**361**	**361**	
bsp30	**362**	**361**	**362**	**360**	**362**	**362**	**362**	**362**	**361**	**362**
bsp31	**362**	**361**	**362**	**360**	**362**	**362**	**362**	**362**	**361**	**362**
bsp32	**361**	**360**	**361**	**359**	**361**	**361**	**361**	**361**	**360**	**361**
bsp33	**360**	**359**	**360**	**358**	**360**	**360**	**360**	**360**	**359**	**360**
bsp34	**362**	**361**	**362**	**360**	**362**	**362**	**362**	**362**	**361**	**362**
bsp35	**362**	**361**	**362**	**360**	**362**	**362**	**362**	**362**	**361**	**362**
bsp36	**355**	**354**	**355**	**353**	**355**	**355**	**355**	**355**	**354**	**355**
bsp37	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp38	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp39	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp40	**361**	**360**	**361**	**359**	**360**	**360**	**360**	**360**	**359**	**360**
bsp41	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp42	**362**	**361**	**362**	**360**	**361**	**361**	**361**	**361**	**360**	**361**
bsp43	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp44	**361**	**360**	**361**	**359**	**360**	**360**	**360**	**360**	**359**	**360**
bsp45	**360**	**359**	**360**	**358**	**359**	**359**	**359**	**359**	**358**	**359**
bsp46	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp47	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp48	**360**	**359**	**360**	**358**	**359**	**359**	**359**	**359**	**358**	**359**
bsp49	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp50	**362**	**361**	**362**	**360**	**361**	**361**	**361**	**361**	**360**	**361**
bsp51	**363**	**362**	**363**	**361**	**362**	**362**	**362**	**362**	**361**	**362**
bsp52	**360**	**359**	**360**	**358**	**359**	**359**	**359**	**359**	**358**	**359**
bsp53	**361**	**360**	**361**	**359**	**360**	**360**	**360**	**360**	**359**	**360**

	bsp31	bsp32	bsp33	bsp34	bsp35	bsp36	bsp37	bsp38	bsp39	bsp40
bsp31	**362**									
bsp32	**361**	**361**								
bsp33	**360**	**359**	**360**							
bsp34	**362**	**361**	**360**	**362**						
bsp35	**362**	**361**	**360**	**362**	**362**					
bsp36	**355**	**354**	**353**	**355**	**355**	**355**				
bsp37	**362**	**361**	**360**	**362**	**362**	**355**	**363**			
bsp38	**362**	**361**	**360**	**362**	**362**	**355**	**363**	**363**		
bsp39	**362**	**361**	**360**	**362**	**362**	**355**	**363**	**363**	**363**	
bsp40	**360**	**359**	**358**	**360**	**360**	**353**	**361**	**361**	**361**	**361**
bsp41	**362**	**361**	**360**	**362**	**362**	**355**	**363**	**363**	**363**	**361**
bsp42	**361**	**360**	**359**	**361**	**361**	**354**	**362**	**362**	**362**	**360**
bsp43	**362**	**361**	**360**	**362**	**362**	**355**	**363**	**363**	**363**	**361**
bsp44	**360**	**359**	**358**	**360**	**360**	**353**	**361**	**361**	**361**	**359**
bsp45	**359**	**358**	**357**	**359**	**359**	**352**	**360**	**360**	**360**	**358**
bsp46	**362**	**361**	**360**	**362**	**362**	**355**	**363**	**363**	**363**	**361**
bsp47	**362**	**361**	**360**	**362**	**362**	**355**	**363**	**363**	**363**	**361**
bsp48	**359**	**358**	**357**	**359**	**359**	**352**	**360**	**360**	**360**	**358**
bsp49	**362**	**361**	**360**	**362**	**362**	**355**	**363**	**363**	**363**	**361**
bsp50	**361**	**360**	**359**	**361**	**361**	**354**	**362**	**362**	**362**	**360**
bsp51	**362**	**361**	**360**	**362**	**362**	**355**	**363**	**363**	**363**	**361**
bsp52	**359**	**358**	**357**	**359**	**359**	**354**	**360**	**360**	**360**	**358**
bsp53	**360**	**359**	**358**	**360**	**360**	**353**	**361**	**361**	**361**	**359**

	bsp41	bsp42	bsp43	bsp44	bsp45	bsp46	bsp47	bsp48	bsp49	bsp50
bsp41	**363**									
bsp42	**362**	**362**								
bsp43	**363**	**362**	**363**							
bsp44	**361**	**360**	**361**	**361**						
bsp45	**360**	**359**	**360**	**358**	**360**					
bsp46	**363**	**362**	**363**	**361**	**360**	**363**				
bsp47	**363**	**362**	**363**	**361**	**360**	**363**	**363**			
bsp48	**360**	**359**	**360**	**358**	**357**	**360**	**360**	**360**		
bsp49	**363**	**362**	**363**	**361**	**360**	**363**	**363**	**360**	**363**	
bsp50	**362**	**361**	**362**	**360**	**359**	**362**	**362**	**359**	**362**	**362**
bsp51	**363**	**362**	**363**	**361**	**360**	**363**	**363**	**360**	**363**	**362**
bsp52	**360**	**359**	**360**	**358**	**357**	**360**	**360**	**357**	**360**	**360**
bsp53	**361**	**360**	**361**	**359**	**358**	**361**	**361**	**358**	**361**	**360**

	bsp51	bsp52	bsp53
bsp51	**363**		
bsp52	**360**	**360**	
bsp53	**361**	**358**	**361**

```
247 . display "{hline}"
```

```
248 .
249 . display "Alpha reliability analysis for BSI Global Severity index"
```
Alpha reliability analysis for BSI Global Severity index

```
250 . cap drop BSIglobsi

251 . egen BSIglobsi = rowmean(bs1-bs53)

252 . label var BSIglobsi "Brief Symptom Inventory Global Severity (mean) Index"

253 .
254 . display "{hline}"
```

```
255 .
256 . // subscale construction
257 . //         Unweighted Average subscale scores
258 . //         Somatization  S -    7  items: 2 7 23 29 30 33 37
259 . //         ObsessiveCompulsive OC -  6 items:  5 15 26 27 32 36
260 . //         Interpersonal sensitivity ips - 4 items: 20 21 22 42
261 . //         depression  dep  - 6 items : 9 16 17 18 35 50
262 . //         anxiety     anx -  6 items: 1 12 19 38 45 49
263 . //         phobic anxiety phanx - 5 items: 8 28 31 43 47
264 . //         hostility   hos - 5 items: 6 13 40 41 46
265 . //         paranoid ideation par - 5 items: 4 10 24 48 51
266 . //         psychoticism psyc - 5 items: 3 14 34 44 53
267 .
268 .
269 .
270 . // BSI somatic subscale
271 .
272 . cap drop BSIsoma

273 . egen BSIsoma = rowtotal(bs2 bs7 bs23 bs29 bs30 bs33 bs37)
```

```
274 . label var BSIsoma "Basic symptom inventory somatic subscale"

275 . tab BSIsoma, missing
```

Basic symptom inventory somatic subscale	Freq.	Percent	Cum.
4	1	0.14	0.14
6	5	0.71	0.85
7	125	17.81	18.66
8	75	10.68	29.34
9	57	8.12	37.46
10	51	7.26	44.73
11	51	7.26	51.99
12	48	6.84	58.83
13	43	6.13	64.96
14	31	4.42	69.37
15	30	4.27	73.65
16	26	3.70	77.35
17	32	4.56	81.91
18	14	1.99	83.90
19	21	2.99	86.89
20	15	2.14	89.03
21	11	1.57	90.60
22	9	1.28	91.88
23	16	2.28	94.16
24	9	1.28	95.44
25	6	0.85	96.30
26	5	0.71	97.01
27	3	0.43	97.44
28	7	1.00	98.43
29	2	0.28	98.72
30	1	0.14	98.86
31	3	0.43	99.29
32	2	0.28	99.57
34	2	0.28	99.86
35	1	0.14	100.00
Total	702	100.00	

```
276 . summarize BSIsoma, detail
```

Basic symptom inventory somatic subscale

Percentiles		Smallest		
1%	**7**	**4**		
5%	**7**	**6**		
10%	**7**	**6**	Obs	**702**
25%	**8**	**6**	Sum of Wgt.	**702**
50%	**11**		Mean	**12.73647**
		Largest	Std. Dev.	**5.711595**
75%	**16**	**32**		
90%	**21**	**34**	Variance	**32.62232**
95%	**24**	**34**	Skewness	**1.188432**
99%	**31**	**35**	Kurtosis	**4.067234**

```
277 .
278 . local bsIsom "bs2 bs7 bs23 bs29 bs30 bs33 bs37"

279 . display "BSI alpha reliability for somatic subscale for whole sample"
BSI alpha reliability for somatic subscale for whole sample

280 . alpha `bsIsom', item detail

Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph > a
bs2	**702**	+	**0.6772**	**0.5678**	**.6246521**	**0.862 > 9**
bs7	**702**	+	**0.8127**	**0.7140**	**.5295547**	**0.844 > 0**
bs23	**702**	+	**0.6729**	**0.5698**	**.6336209**	**0.862 > 9**
bs29	**702**	+	**0.7528**	**0.6588**	**.5909461**	**0.851 > 8**
bs30	**702**	+	**0.7070**	**0.5953**	**.6034952**	**0.859 > 6**
bs33	**702**	+	**0.8290**	**0.7440**	**.532666**	**0.839 > 1**
bs37	**702**	+	**0.7951**	**0.6945**	**.5452124**	**0.846 > 5**

```
Test scale   |                                                   .5800211      0.871
> 2
-------------+-----------------------------------------------------------------------
> -

Interitem covariances (obs=702 in all pairs)

         bs2     bs7    bs23    bs29    bs30    bs33    bs37
 bs2  0.9403
 bs7  0.5565  1.5592
bs23  0.6185  0.4945  0.8343
bs29  0.3177  0.7566  0.3242  1.0146
bs30  0.3022  0.6372  0.3126  0.5471  1.0926
bs33  0.5324  0.9048  0.4758  0.7076  0.6905  1.3883
bs37  0.4833  0.8876  0.4505  0.6631  0.6384  0.8793  1.4322

281 . display "BSI alpha reliability for somatic subscale for males"
BSI alpha reliability for somatic subscale for males

282 . alpha `bsIsom' if gender==1, item detail

Test scale = mean(unstandardized items)

                                                               average
                                  item-test     item-rest     interitem
Item         |  Obs  Sign   correlation   correlation     covariance       alph
> a
-------------+-----------------------------------------------------------------------
> -
bs2          |  339    +        0.7660        0.6692       .5474123      0.864
> 6
bs7          |  339    +        0.8373        0.7491        .492367      0.854
> 3
bs23         |  339    +        0.7197        0.6236       .5809417      0.870
> 3
bs29         |  339    +        0.6970        0.5957       .5890268      0.873
> 4
bs30         |  339    +        0.6891        0.5985       .6049397      0.873
> 9
bs33         |  339    +        0.8706        0.8039       .4897733      0.845
> 9
bs37         |  339    +        0.7681        0.6598         .53225      0.866
> 5
-------------+-----------------------------------------------------------------------
> -
Test scale   |                                                   .5481015      0.881
> 8
-------------+-----------------------------------------------------------------------
> -
```

```
Interitem covariances (obs=339 in all pairs)

          bs2     bs7    bs23    bs29    bs30    bs33    bs37
 bs2  1.0662
 bs7  0.7333  1.4613
bs23  0.7125  0.5729  0.8365
bs29  0.3149  0.6148  0.2551  0.8304
bs30  0.3354  0.4873  0.2610  0.3541  0.6648
bs33  0.6669  0.9519  0.5638  0.6249  0.5349  1.2869
bs37  0.5359  0.7644  0.4307  0.5109  0.4634  0.8211  1.2918
```

```
283 . display "BSI alpha reliability for somatic subscale for females"
    BSI alpha reliability for somatic subscale for females

284 . alpha `bsIsom' if gender==2, item detail

    Test scale = mean(unstandardized items)

                                                              average
                                   item-test     item-rest       interitem
    Item          |  Obs  Sign   correlation   correlation      covariance       alph
    > a
    --------------+----------------------------------------------------------------
    > -
    bs2           |  363    +        0.5950        0.4775        .6508328      0.855
    > 3
    bs7           |  363    +        0.7838        0.6716        .5304466      0.830
    > 0
    bs23          |  363    +        0.6340        0.5233         .636734      0.850
    > 2
    bs29          |  363    +        0.7942        0.7057        .5520271      0.825
    > 3
    bs30          |  363    +        0.7134        0.5878        .5746683      0.842
    > 3
    bs33          |  363    +        0.7901        0.6871        .5354007      0.827
    > 2
    bs37          |  363    +        0.8045        0.7068        .5283858      0.824
    > 1
    --------------+----------------------------------------------------------------
    > -
    Test scale    |                                             .5726422      0.857
    > 0
    --------------+----------------------------------------------------------------
    > -

    Interitem covariances (obs=363 in all pairs)
```

```
             bs2      bs7     bs23     bs29     bs30     bs33     bs37
 bs2    0.8199
 bs7    0.3748   1.5952
bs23    0.5271   0.4049   0.8294
bs29    0.3106   0.8565   0.3795   1.1694
bs30    0.2454   0.6916   0.3356   0.6783   1.3668
bs33    0.3942   0.8168   0.3812   0.7598   0.7695   1.4506
bs37    0.4109   0.9242   0.4462   0.7603   0.6851   0.8730   1.4574

285 .
286 . display "{hline}"
```

```
287 . // BSI Obsessive compulsive subscale
288 .
289 . local bsIoc "bs5 bs15 bs26 bs27 bs32 bs36"

290 . display "BSI alpha reliability for obsessive compulsive subscale for whole s
    > ample"
    BSI alpha reliability for obsessive compulsive subscale for whole sample

291 . alpha `bsIoc', item detail

    Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bs5	702	+	0.6798	0.5128	.4179733	0.763
bs15	702	+	0.7387	0.5899	.3890476	0.744
bs26	702	+	0.7314	0.5493	.3785205	0.758
bs27	702	+	0.6957	0.5313	.4093202	0.759
bs32	702	+	0.6423	0.5069	.4545141	0.767
bs36	702	+	0.7124	0.5786	.4162359	0.749
Test scale					.4109353	0.789

Interitem covariances (obs=702 in all pairs)

	bs5	bs15	bs26	bs27	bs32	bs36
bs5	**1.0948**					
bs15	**0.4360**	**1.1376**				
bs26	**0.4283**	**0.5992**	**1.5028**			
bs27	**0.3170**	**0.4637**	**0.6618**	**1.1277**		
bs32	**0.3172**	**0.3508**	**0.2998**	**0.2886**	**0.6885**	
bs36	**0.4858**	**0.4239**	**0.3897**	**0.3398**	**0.3624**	**0.8624**

```
292 . display "BSI alpha reliability for obsessive compulsive subscale for males"
```
BSI alpha reliability for obsessive compulsive subscale for males

```
293 . alpha `bsIoc' if gender==1, item detail
```

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bs5	**339**	**+**	**0.6972**	**0.5426**	**.3644901**	**0.763**
bs15	**339**	**+**	**0.7503**	**0.5993**	**.3350561**	**0.749**
bs26	**339**	**+**	**0.6922**	**0.5015**	**.354437**	**0.776**
bs27	**339**	**+**	**0.6768**	**0.5116**	**.3708549**	**0.770**
bs32	**339**	**+**	**0.7106**	**0.5806**	**.3704631**	**0.756**
bs36	**339**	**+**	**0.7032**	**0.5719**	**.3736329**	**0.758**
Test scale					**.361489**	**0.793**

Interitem covariances (obs=339 in all pairs)

```
          bs5    bs15    bs26    bs27    bs32    bs36
  bs5  0.8985
 bs15  0.4156  1.0687
 bs26  0.3100  0.4647  1.2289
 bs27  0.2588  0.3912  0.5475  0.9326
 bs32  0.3540  0.3964  0.3112  0.2869  0.7150
 bs36  0.4390  0.4038  0.2446  0.2293  0.3692  0.7056

294 . display "BSI alpha reliability for obsessive compulsive subscale for males"
    BSI alpha reliability for obsessive compulsive subscale for males

295 . alpha `bsIoc' if gender==2, item detail

    Test scale = mean(unstandardized items)

                                                                   average
                                      item-test     item-rest     interitem
    Item         |  Obs  Sign   correlation   correlation    covariance       alph
    > a
    -------------+------------------------------------------------------------------
    > -
    bs5          |  363    +        0.6562        0.4751       .450879       0.762
    > 8
    bs15         |  363    +        0.7366        0.5883      .4126988       0.734
    > 1
    bs26         |  363    +        0.7472        0.5681      .3885804       0.741
    > 4
    bs27         |  363    +        0.6937        0.5276      .4330442       0.749
    > 5
    bs32         |  363    +        0.6037        0.4676      .5002633       0.765
    > 3
    bs36         |  363    +        0.7181        0.5795      .4324787       0.738
    > 0
    -------------+------------------------------------------------------------------
    > -
    Test scale   |                                           .4363241       0.781
    > 8
    -------------+------------------------------------------------------------------
    > -

    Interitem covariances (obs=363 in all pairs)
```

```
             bs5    bs15    bs26    bs27    bs32    bs36
      bs5  1.2426
     bs15  0.4451  1.2019
     bs26  0.4808  0.7093  1.6718
     bs27  0.3121  0.5153  0.6781  1.2194
     bs32  0.2861  0.3098  0.2936  0.2945  0.6656
     bs36  0.5120  0.4383  0.4972  0.4144  0.3582  1.0018

296 . egen BSIoc = rowtotal(bs5 bs15 bs26 bs27 bs32 bs36)

297 . label var BSIsoma "Basic symptom inventory obsessive compulsive subscale"

298 . summarize BSIoc, detail

                            BSIoc
-------------------------------------------------------------
      Percentiles      Smallest
 1%            6              3
 5%            6              5
10%            6              5       Obs                 702
25%            7              5       Sum of Wgt.         702

50%          9.5                      Mean           10.45442
                        Largest       Std. Dev.      4.329187
75%           13             25
90%           16             26       Variance       18.74186
95%           19             28       Skewness       1.176545
99%           23             28       Kurtosis       4.212627

299 .
300 .
301 .
302 . display "{hline}"
-------------------------------------------------------------------------------

303 . // BSI interpersonal sensitivity subscale
304 .
```

```
305 .
306 . loc bsIips "bs20 bs21 bs22 bs42"

307 . display "BSI alpha reliability for Interpersonal sensitivity subscale for wh
    > ole sample"
    BSI alpha reliability for Interpersonal sensitivity subscale for whole sample

308 . alpha `bsIips', item detail

    Test scale = mean(unstandardized items)

                                                                      average
                                          item-test     item-rest    interitem
    Item         |  Obs  Sign   correlation   correlation     covariance      alph
    > a
    -------------+-------------------------------------------------------------------
    > -
    bs20         |  702    +        0.7551        0.4501       .2753819      0.599
    > 2
    bs21         |  702    +        0.7417        0.5204       .2862117      0.544
    > 1
    bs22         |  702    +        0.7117        0.5243       .3253987      0.560
    > 8
    bs42         |  702    +        0.6364        0.3293        .381509      0.670
    > 5
    -------------+-------------------------------------------------------------------
    > -
    Test scale   |                                             .3171253      0.661
    > 3
    -------------+-------------------------------------------------------------------
    > -

    Interitem covariances (obs=702 in all pairs)

            bs20    bs21    bs22    bs42
    bs20  1.3835
    bs21  0.4371  0.8504
    bs22  0.3319  0.3755  0.5980
    bs42  0.3076  0.2315  0.2192  1.0355
```

```
309 . display "BSI alpha reliability for Interpersonal sensitivity subscale for ma
    > les"
```
BSI alpha reliability for Interpersonal sensitivity subscale for males

```
310 . alpha `bsIips' if gender==1, item detail

    Test scale = mean(unstandardized items)

                                                              average
                             item-test     item-rest       interitem
    Item          |  Obs  Sign   correlation   correlation     covariance      alph
    > a
    --------------+-----------------------------------------------------------------
    > -
    bs20          |  339    +       0.7351        0.4168        .2085668      0.599
    > 4
    bs21          |  339    +       0.7356        0.4971        .2029784      0.532
    > 3
    bs22          |  339    +       0.6960        0.5110        .2404973      0.550
    > 9
    bs42          |  339    +       0.6534        0.3450        .2601776      0.639
    > 3
    --------------+-----------------------------------------------------------------
    > -
    Test scale    |                                             .228055      0.648
    > 0
    --------------+-----------------------------------------------------------------
    > -

    Interitem covariances (obs=339 in all pairs)

            bs20    bs21    bs22    bs42
    bs20  1.0138
    bs21  0.3225  0.6800
    bs22  0.1864  0.2717  0.4078
    bs42  0.2338  0.1652  0.1888  0.7924
```

```
311 . display "BSI alpha reliability for Interpersonal sensitivity subscale for fe
    > males"
    BSI alpha reliability for Interpersonal sensitivity subscale for females

312 . alpha `bsIips' if gender==2, item detail

    Test scale = mean(unstandardized items)

                                                                   average
                                     item-test     item-rest       interitem
    Item          |  Obs  Sign   correlation   correlation     covariance      alph
    > a
    --------------+-----------------------------------------------------------------
    > -
    bs20          |  363    +        0.7399        0.4283        .3099097      0.578
    > 3
    bs21          |  363    +        0.7484        0.5260        .2969195      0.504
    > 9
    bs22          |  363    +        0.7070        0.5053        .3474651      0.535
    > 1
    bs42          |  363    +        0.6092        0.2837        .4444089      0.672
    > 0
    --------------+-----------------------------------------------------------------
    > -
    Test scale    |                                              .3496758      0.642
    > 9
    --------------+-----------------------------------------------------------------
    > -

    Interitem covariances (obs=363 in all pairs)

            bs20    bs21    bs22    bs42
    bs20  1.5429
    bs21  0.4892  0.9952
    bs22  0.3929  0.4511  0.7469
    bs42  0.2862  0.2670  0.2116  1.2215
```

```
313 . egen BSIips = rowtotal(bs20 bs21 bs22 bs42)

314 . label var BSIips "Basic symptom invenstory interpersonal sensitivity subscal
    > e"

315 . summarize BSIips, detail

      Basic symptom invenstory interpersonal sensitivity
                              subscale
-------------------------------------------------------------
      Percentiles      Smallest
 1%            4              4
 5%            4              4
10%            4              4       Obs                 702
25%            4              4       Sum of Wgt.         702

50%            6                      Mean           6.562678
                        Largest       Std. Dev.       2.77001
75%            8             16
90%           11             16       Variance       7.672956
95%           12             17       Skewness       1.342672
99%           16             17       Kurtosis       4.530136

316 .
317 . display "{hline}"
-------------------------------------------------------------------------------


318 . // BSI Depression subscale
319 .
320 .
321 . loc bsIdep "bs9 bs16 bs17 bs18 bs35 bs50"

322 . // alpha reliability for BSI Depression subscale for whole sample
323 . alpha `bsIdep' , item detail

    Test scale = mean(unstandardized items)

                                                              average
                              item-test     item-rest       interitem
    Item          |  Obs  Sign  correlation  correlation     covariance      alph
    > a
    --------------+----------------------------------------------------------------
    > —
    bs9           |  702    +       0.3570        0.2559        .3269418      0.737
    > 3
    bs16          |  702    +       0.7821        0.5916        .1828233      0.644
    > 2
    bs17          |  702    +       0.7941        0.6089        .1777282      0.637
    > 4
```

```
bs18          |  702    +      0.6602       0.5074       .2447068      0.678
> 2
bs35          |  702    +      0.6595       0.4322       .2311248      0.700
> 5
bs50          |  702    +      0.5793       0.4379       .2732472      0.699
> 9
--------------+-----------------------------------------------------------------
> -
Test scale    |                                          .2394287      0.726
> 0
--------------+-----------------------------------------------------------------
> -

Interitem covariances (obs=702 in all pairs)

         bs9    bs16    bs17    bs18    bs35    bs50
 bs9  0.1428
bs16  0.0735  1.2519
bs17  0.0655  0.7536  1.2735
bs18  0.0427  0.3212  0.4090  0.5638
bs35  0.0830  0.4099  0.3574  0.2166  1.0637
bs50  0.0573  0.2049  0.2286  0.1549  0.2133  0.3942

.
. // alpha reliability for BSI Depression subscale for males
. alpha `bsIdep' if gender==1, item detail

Test scale = mean(unstandardized items)

                                                            average
                              item-test     item-rest      interitem
Item          |  Obs  Sign   correlation   correlation     covariance      alph
> a
--------------+-----------------------------------------------------------------
> -
bs9           |  339    +      0.4306       0.3396       .2115149      0.697
> 7
bs16          |  339    +      0.7428       0.5350       .1283491      0.620
> 7
bs17          |  339    +      0.8009       0.6242       .1126276      0.582
> 3
bs18          |  339    +      0.5978       0.4256       .1710784      0.662
> 2
bs35          |  339    +      0.5883       0.3014       .1696122      0.716
> 3
bs50          |  339    +      0.6464       0.5012       .1652162      0.645
> 5
--------------+-----------------------------------------------------------------
> -
```

```
Test scale    |                                                  .1597331      0.698
> 6
--------------+---------------------------------------------------------------------
> —

Interitem covariances (obs=339 in all pairs)

             bs9    bs16    bs17    bs18    bs35    bs50
 bs9  0.0902
bs16  0.0637  0.8363
bs17  0.0460  0.5272  0.8557
bs18  0.0313  0.1315  0.3025  0.4013
bs35  0.0824  0.1998  0.1665  0.1011  0.9111
bs50  0.0574  0.1903  0.2274  0.1188  0.1500  0.3443

327 .
328 . // alpha reliability for BSI Depression subscale for females
329 . alpha `bsIdep' if gender==2, item detail

Test scale = mean(unstandardized items)

                                                              average
                              item-test     item-rest       interitem
Item          |  Obs  Sign   correlation   correlation     covariance      alph
> a
--------------+---------------------------------------------------------------------
> —
bs9           |  363    +       0.3140        0.2040        .3981211      0.747
> 0
bs16          |  363    +       0.7857        0.5946        .2179741      0.649
> 8
bs17          |  363    +       0.7718        0.5750        .2250194      0.657
> 4
bs18          |  363    +       0.6845        0.5354        .2850707      0.675
> 3
bs35          |  363    +       0.7117        0.5137        .2572394      0.677
> 2
bs50          |  363    +       0.5426        0.4000        .3392699      0.712
> 8
--------------+---------------------------------------------------------------------
> —
Test scale    |                                                  .2871158      0.729
> 7
--------------+---------------------------------------------------------------------
> —

Interitem covariances (obs=363 in all pairs)
```

```
             bs9    bs16    bs17    bs18    bs35    bs50
     bs9  0.1911
    bs16  0.0711  1.5258
    bs17  0.0695  0.8249  1.4950
    bs18  0.0489  0.4553  0.4566  0.7008
    bs35  0.0805  0.5751  0.4978  0.3130  1.2005
    bs50  0.0555  0.2006  0.2078  0.1821  0.2679  0.4389

330 . egen BSIdep = rowtotal(bs9 bs16 bs17 bs18 bs35 bs50)

331 . label var BSIdep "Basic symptom inventory Depression subscale"

332 . summarize BSIdep, detail

          Basic symptom inventory Depression subscale
-------------------------------------------------------------
      Percentiles      Smallest
 1%            6              5
 5%            6              5
10%            6              5       Obs                 702
25%            6              5       Sum of Wgt.         702

50%            8                      Mean           8.91453
                        Largest       Std. Dev.      3.445701
75%           10             25
90%           13             25       Variance       11.87286
95%           15             26       Skewness       1.785018
99%           22             27       Kurtosis       7.063759

333 .
334 . display "{hline}"
-------------------------------------------------------------------------------

335 . // BSI Anxiety subscale
336 .
337 . loc bsIanx "bs1 bs12 bs19 bs38 bs45 bs49"
```

```
.
. // alpha reliability for BSI anxiety subscale for whole sample
. alpha `bsIanx', item detail
```

Test scale = mean(unstandardized items)

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alpha
bs1	**702**	**+**	**0.6684**	**0.4666**	**.391745**	**0.7654**
bs12	**702**	**+**	**0.7231**	**0.5969**	**.3932175**	**0.7329**
bs19	**702**	**+**	**0.7404**	**0.6091**	**.3783413**	**0.7277**
bs38	**702**	**+**	**0.6992**	**0.5332**	**.385061**	**0.7449**
bs45	**702**	**+**	**0.7347**	**0.6208**	**.3957084**	**0.7302**
bs49	**702**	**+**	**0.6363**	**0.4178**	**.4070126**	**0.7800**
Test scale					**.3918476**	**0.7795**

Interitem covariances (obs=702 in all pairs)

	bs1	bs12	bs19	bs38	bs45	bs49
bs1	**1.3794**					
bs12	**0.4032**	**0.7920**				
bs19	**0.4280**	**0.4380**	**0.9094**			
bs38	**0.4294**	**0.3923**	**0.4037**	**1.1184**		
bs45	**0.3502**	**0.3840**	**0.4247**	**0.4165**	**0.7065**	
bs49	**0.3494**	**0.3281**	**0.3998**	**0.3852**	**0.3451**	**1.4349**

```
341 . // alpha reliability for BSI anxiety subscale for males
342 . alpha `bsIanx' if gender==1, item detail

    Test scale = mean(unstandardized items)

                                                              average
                              item-test     item-rest       interitem
    Item          |  Obs  Sign correlation correlation     covariance      alph
    > a
    --------------+-------------------------------------------------------------
    > -
    bs1           |  339    +      0.6482      0.4014      .2545068      0.711
    > 4
    bs12          |  339    +      0.7429      0.6162      .2418233      0.646
    > 6
    bs19          |  339    +      0.6805      0.5234      .2561223      0.669
    > 1
    bs38          |  339    +      0.6576      0.4710      .2574043      0.681
    > 8
    bs45          |  339    +      0.6545      0.5290      .2786232      0.678
    > 1
    bs49          |  339    +      0.6031      0.3418       .272802      0.731
    > 6
    --------------+-------------------------------------------------------------
    > -
    Test scale    |                                      .2602136      0.723
    > 9
    --------------+-------------------------------------------------------------
    > -

    Interitem covariances (obs=339 in all pairs)

             bs1    bs12    bs19    bs38    bs45    bs49
     bs1  1.2802
    bs12  0.3519  0.6212
    bs19  0.2696  0.3461  0.6869
    bs38  0.2968  0.3202  0.2138  0.8436
    bs45  0.1924  0.2642  0.2714  0.2017  0.4340
    bs49  0.2474  0.2025  0.2412  0.2967  0.1873  1.2681
```

```
343 . // alpha reliability for BSI anxiety subscale for females
344 . alpha `bsIanx' if gender==2, item detail

    Test scale = mean(unstandardized items)

                                                              average
                              item-test     item-rest       interitem
    Item          |  Obs  Sign correlation correlation     covariance      alph
    > a
    --------------+-------------------------------------------------------------
    > —
    bs1           |  363    +       0.6732       0.4896       .4789317     0.779
    > 0
    bs12          |  363    +       0.7029       0.5709       .4876619     0.760
    > 1
    bs19          |  363    +       0.7619       0.6389       .4503561     0.743
    > 2
    bs38          |  363    +       0.7055       0.5428       .4655495     0.764
    > 9
    bs45          |  363    +       0.7629       0.6514       .4612027     0.743
    > 2
    bs49          |  363    +       0.6517       0.4493       .4875569     0.791
    > 2
    --------------+-------------------------------------------------------------
    > —
    Test scale    |                                           .4718765     0.794
    > 9
    --------------+-------------------------------------------------------------
    > —

    Interitem covariances (obs=363 in all pairs)

             bs1    bs12    bs19    bs38    bs45    bs49
     bs1  1.4219
    bs12  0.4142  0.9271
    bs19  0.5264  0.4892  1.0718
    bs38  0.4935  0.4179  0.5249  1.3094
    bs45  0.4526  0.4645  0.5259  0.5665  0.9239
    bs49  0.4021  0.4157  0.5083  0.4199  0.4566  1.5599
```

```
345 .
346 . cap drop BSIanx

347 . egen BSIanx = rowtotal(bs1 bs12 bs19 bs28 bs49)

348 . label var BSIanx "Basic symptom inventory Anxiety subscale"

349 . summarize BSIanx, detail
```

Basic symptom inventory Anxiety subscale

Percentiles		Smallest		
1%	**5**	**4**		
5%	**5**	**5**		
10%	**5**	**5**	Obs	**702**
25%	**6**	**5**	Sum of Wgt.	**702**
50%	**7**		Mean	**8.319088**
		Largest	Std. Dev.	**3.328116**
75%	**10**	**21**		
90%	**13**	**21**	Variance	**11.07635**
95%	**16**	**21**	Skewness	**1.428677**
99%	**19**	**22**	Kurtosis	**4.915568**

```
350 .
351 . display "{hline}"
```

```
352 . display "BSI Phobic Anxiety subscale reliabilities"
BSI Phobic Anxiety subscale reliabilities

353 .
354 . loc bsIphanx "bs8 bs28 bs31 bs43 bs47"

355 . // alpha reliability for BSI phobic anxiety subscale for whole sample
356 . alpha `bsIphanx', item detail

Test scale = mean(unstandardized items)
```

```
                                                            average
                             item-test     item-rest       interitem
Item         |  Obs  Sign   correlation   correlation     covariance      alph
> a
-------------+----------------------------------------------------------------
> -
bs8          |  702    +       0.5560        0.3832        .2448608      0.601
> 0
bs28         |  702    +       0.6209        0.4425        .2210487      0.575
> 0
bs31         |  702    +       0.6844        0.4311        .1854951      0.564
> 7
bs43         |  702    +       0.7112        0.4485         .172894      0.555
> 6
bs47         |  702    +       0.6546        0.3356        .2033267      0.627
> 6
-------------+----------------------------------------------------------------
> -
Test scale   |                                             .2055251      0.638
> 3
-------------+----------------------------------------------------------------
> -

Interitem covariances (obs=702 in all pairs)

          bs8     bs28     bs31     bs43     bs47
 bs8   0.3588
bs28   0.1460   0.4413
bs31   0.1155   0.1816   0.9091
bs43   0.1939   0.2530   0.3299   1.0347
bs47   0.1307   0.1484   0.3152   0.2410   1.1954

357 . // alpha reliability for BSI phobic anxiety subscale for males
358 . alpha `bsIphanx' if gender==1, item detail

Test scale = mean(unstandardized items)

                                                            average
                             item-test     item-rest       interitem
Item         |  Obs  Sign   correlation   correlation     covariance      alph
> a
-------------+----------------------------------------------------------------
> -
bs8          |  339    +       0.3384        0.1994        .1359521      0.528
> 6
bs28         |  339    +       0.5305        0.3773        .1093118      0.467
> 8
bs31         |  339    +       0.7560        0.4735        .0511191      0.331
> 9
```

```
bs43            |  339    +       0.5935        0.2712        .0950251      0.487
> 3
bs47            |  339    +       0.6941        0.2927        .0792373      0.501
> 2
----------------+------------------------------------------------------------------
> -
Test scale      |                                               .0941291      0.527
> 3
----------------+------------------------------------------------------------------
> -

Interitem covariances (obs=339 in all pairs)

         bs8    bs28    bs31    bs43    bs47
 bs8  0.0964
bs28  0.0371  0.1531
bs31  0.0351  0.0982  0.7289
bs43  0.0279  0.1026  0.1745  0.6003
bs47  0.0255  0.0475  0.3268  0.0661  1.0014

359 . // alpha reliability for BSI phobic anxiety subscale for females
360 . alpha `bsIphanx' if gender==2, item detail

Test scale = mean(unstandardized items)

                                                              average
                          item-test     item-rest       interitem
Item            |  Obs  Sign  correlation   correlation     covariance      alph
> a
----------------+------------------------------------------------------------------
> -
bs8             |  363    +       0.5998        0.4145        .3095876      0.607
> 2
bs28            |  363    +       0.6371        0.4435        .2889378      0.592
> 3
bs31            |  363    +       0.6530        0.4053        .2731217      0.603
> 3
bs43            |  363    +       0.7383        0.4906        .2209881      0.559
> 2
bs47            |  363    +       0.6303        0.3334        .2886334      0.645
> 4
----------------+------------------------------------------------------------------
> -
Test scale      |                                               .2762537      0.654
> 5
----------------+------------------------------------------------------------------
> -
```

```
    Interitem covariances (obs=363 in all pairs)

             bs8    bs28    bs31    bs43    bs47
     bs8  0.5844
    bs28  0.2269  0.6896
    bs31  0.1715  0.2399  1.0614
    bs43  0.3074  0.3504  0.4358  1.3561
    bs47  0.1993  0.2118  0.2767  0.3431  1.3356

361 . cap drop BSIphanx

362 . egen BSIphanx = rowtotal(bs8 bs28 bs31 bs43 bs47)

363 . label var BSIphanx  "Basic symptom inventory phobic anxiety subscale"

364 . summarize BSIphanx, detail

           Basic symptom inventory phobic anxiety subscale
    -------------------------------------------------------------

          Percentiles      Smallest
     1%             5             3
     5%             5             4
    10%             5             4       Obs                 702
    25%             5             4       Sum of Wgt.         702

    50%             6                     Mean           7.055556
                            Largest       Std. Dev.      2.837198
    75%             8            19
    90%            10            19       Variance       8.049691
    95%            13            20       Skewness       1.898712
    99%            17            22       Kurtosis       7.202425

365 .
366 .
367 . display "{hline}"
    ------------------------------------------------------------------------------
```

```
368 . display "BSI Hostility subscale reliabilities"
```
BSI Hostility subscale reliabilities

```
369 .
370 . loc bsIhos "bs6 bs13 bs40 bs41 bs46"

371 . display "BSI alpha reliability for Hotility subscale for whole sample"
```
BSI alpha reliability for Hotility subscale for whole sample

```
372 . alpha `bsIhos', item detail

    Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bs6	702	+	0.7287	0.5128	.2725417	0.681
bs13	702	+	0.7821	0.5988	.2447772	0.643
bs40	702	+	0.6766	0.4982	.3119313	0.688
bs41	702	+	0.6945	0.5261	.3056792	0.679
bs46	702	+	0.6016	0.3624	.3402059	0.736
Test scale					.295027	0.733

```
    Interitem covariances (obs=702 in all pairs)
```

	bs6	bs13	bs40	bs41	bs46
bs6	1.0278				
bs13	0.4936	1.0056			
bs40	0.2489	0.3280	0.6463		
bs41	0.2681	0.3379	0.3648	0.6252	
bs46	0.3044	0.3221	0.1370	0.1455	0.8515

```
373 . display "BSI alpha reliability for Hostility subscale for whole sample"
```
BSI alpha reliability for Hostility subscale for whole sample

```
374 . alpha `bsIhos' if gender==1, item detail

Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bs6	339	+	0.7666	0.6035	.362602	0.729
bs13	339	+	0.8026	0.6499	.3364636	0.712
bs40	339	+	0.7675	0.6135	.3670355	0.727
bs41	339	+	0.7612	0.6207	.381315	0.727
bs46	339	+	0.5684	0.3392	.4766339	0.813
Test scale					.38481	0.784

```
Interitem covariances (obs=339 in all pairs)
```

	bs6	bs13	bs40	bs41	bs46
bs6	0.9662				
bs13	0.5612	1.0488			
bs40	0.4449	0.4502	0.8910		
bs41	0.3725	0.4632	0.5678	0.7534	
bs46	0.2939	0.3546	0.1830	0.1567	0.9052

```
375 . display "BSI alpha reliability for Hostility subscale for whole sample"
```
BSI alpha reliability for Hostility subscale for whole sample

```
376 . alpha `bsIhos' if gender==2, item detail

Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bs6	363	+	0.7155	0.4469	.1837473	0.603
bs13	363	+	0.7626	0.5411	.1620969	0.548
bs40	363	+	0.5282	0.3371	.2633403	0.648
bs41	363	+	0.5986	0.3978	.237862	0.624
bs46	363	+	0.6459	0.3956	.2152451	0.623
Test scale					.2124583	0.664

```
Interitem covariances (obs=363 in all pairs)
```

	bs6	bs13	bs40	bs41	bs46
bs6	1.0737				
bs13	0.4433	0.9588			
bs40	0.0827	0.2020	0.4015		
bs41	0.1778	0.2166	0.1691	0.5045	
bs46	0.3183	0.2901	0.0908	0.1339	0.8031

```
377 . cap drop BSIhos

378 . egen BSIhos = rowtotal(bs6 bs13 bs40 bs41 bs46)

379 . label var BSIhos "Basic symptom invenstory hostility subscale"

380 . summarize BSIhos, detail
```

Basic symptom invenstory hostility subscale

Percentiles		Smallest		
1%	**5**	**4**		
5%	**5**	**4**		
10%	**5**	**4**	Obs	**702**
25%	**5**	**4**	Sum of Wgt.	**702**
50%	**7**		Mean	**7.616809**
		Largest	Std. Dev.	**3.171269**
75%	**9**	**20**		
90%	**12**	**20**	Variance	**10.05695**
95%	**15**	**20**	Skewness	**1.734498**
99%	**18**	**22**	Kurtosis	**5.976787**

```
381 .
382 . display "{hline}"
```

```
383 . display "BSI Paranoia subscale reliabilities"
BSI Paranoia subscale reliabilities

384 .
385 .
386 . loc bsIpar "bs4 bs10 bs24 bs48 bs51"

387 . display "BSI alpha reliability for Paranoia subscale for whole sample"
BSI alpha reliability for Paranoia subscale for whole sample
```

```
388 . alpha `bsIpar', item detail

    Test scale = mean(unstandardized items)

                                                                       average
                                          item-test     item-rest     interitem
    Item         |  Obs  Sign   correlation   correlation     covariance      alph
    > a
    -------------+--------------------------------------------------------------
    > -
    bs4          |  702    +       0.6648        0.4707       .4160953      0.694
    > 3
    bs10         |  702    +       0.7385        0.5121        .351146      0.681
    > 5
    bs24         |  702    +       0.6780        0.5239       .4249722      0.682
    > 6
    bs48         |  702    +       0.7257        0.5208       .3663583      0.674
    > 7
    bs51         |  702    +       0.6807        0.4680       .3995141      0.695
    > 4
    -------------+--------------------------------------------------------------
    > -
    Test scale   |                                            .3916172      0.731
    > 9
    -------------+--------------------------------------------------------------
    > -

    Interitem covariances (obs=702 in all pairs)

             bs4     bs10     bs24     bs48     bs51
     bs4  0.9487
    bs10  0.4630  1.5140
    bs24  0.2911  0.4047  0.6829
    bs48  0.3861  0.5140  0.3381  1.2525
    bs51  0.2794  0.4275  0.3324  0.4798  1.1460

389 . display "BSI alpha reliability for Paranoia subscale for males"
    BSI alpha reliability for Paranoia subscale for males
```

```
390 . alpha `bsIpar' if gender==1, item detail

    Test scale = mean(unstandardized items)

                                                                  average
                              item-test     item-rest       interitem
    Item          |  Obs  Sign   correlation   correlation     covariance       alph
    > a
    --------------+-------------------------------------------------------------
    > —
    bs4           |  339    +       0.7065        0.5253        .3211761      0.685
    > 1
    bs10          |  339    +       0.6855        0.4288        .3217739      0.731
    > 0
    bs24          |  339    +       0.6748        0.5392        .3612653      0.694
    > 2
    bs48          |  339    +       0.7457        0.5491         .290495      0.674
    > 3
    bs51          |  339    +       0.7214        0.5275        .3076007      0.683
    > 1
    --------------+-------------------------------------------------------------
    > —
    Test scale    |                                           .3204622      0.738
    > 8
    --------------+-------------------------------------------------------------
    > —

    Interitem covariances (obs=339 in all pairs)

             bs4    bs10    bs24    bs48    bs51
     bs4  0.7886
    bs10  0.3508  1.2531
    bs24  0.2481  0.2394  0.4443
    bs48  0.3897  0.3143  0.3034  1.0278
    bs51  0.2890  0.3695  0.2462  0.4543  0.9214

391 . display "BSI alpha reliability for Paranoia subscale for females"
    BSI alpha reliability for Paranoia subscale for females
```

```
392 . alpha `bsIpar' if gender==2, item detail

    Test scale = mean(unstandardized items)

                                                                  average
                              item-test     item-rest       interitem
    Item          |  Obs  Sign   correlation   correlation     covariance       alph
    > a
    --------------+-------------------------------------------------------------
    > —
    bs4           |  363    +       0.6326        0.4252        .4724734      0.685
    > 7
    bs10          |  363    +       0.7662        0.5548        .3547593      0.631
    > 9
    bs24          |  363    +       0.6716        0.5018        .4570631      0.662
    > 0
    bs48          |  363    +       0.7092        0.4929        .4072975      0.659
    > 3
    bs51          |  363    +       0.6406        0.4103        .4620489      0.692
    > 5
    --------------+-------------------------------------------------------------
    > —
    Test scale    |                                             .4307284      0.715
    > 2
    --------------+-------------------------------------------------------------
    > —

    Interitem covariances (obs=363 in all pairs)

             bs4    bs10    bs24    bs48    bs51
     bs4  1.0879
    bs10  0.5448  1.7165
    bs24  0.3133  0.5252  0.8804
    bs48  0.3680  0.6724  0.3485  1.4465
    bs51  0.2463  0.4363  0.3779  0.4746  1.3112

393 . cap drop BSIpar
```

```
394 . egen BSIpar = rowtotal(bs4 bs10 bs24 bs48 bs51)

395 . label var BSIpar "Basic symptom invenstory Paranoia subscale"

396 . summarize BSIpar, detail
```

Basic symptom invenstory Paranoia subscale

Percentiles		Smallest		
1%	**5**	**4**		
5%	**5**	**5**		
10%	**5**	**5**	Obs	**702**
25%	**5**	**5**	Sum of Wgt.	**702**
50%	**7**		Mean	**8.47151**
		Largest	Std. Dev.	**3.657391**
75%	**10**	**21**		
90%	**14**	**21**	Variance	**13.37651**
95%	**16**	**23**	Skewness	**1.235035**
99%	**20**	**25**	Kurtosis	**4.241458**

```
397 .
398 . display "{hline}"
```

```
399 .
400 . display "BSI Psychotocism subscale reliabilities"
    BSI Psychotocism subscale reliabilities

401 .
402 . loc bsIpsyc "bs3 bs14 bs34 bs44 bs53"

403 . display "BSI alpha reliability for Psychoticism subscale for whole sample"
    BSI alpha reliability for Psychoticism subscale for whole sample

404 . alpha `bsIpsyc', item detail

    Test scale = mean(unstandardized items)
```

Item > a	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bs3	702	+	0.5642	0.3890	.1942531	0.590
bs14	702	+	0.7536	0.5138	.1215531	0.505
bs34	702	+	0.6814	0.3215	.1588245	0.648
bs44	702	+	0.6693	0.4497	.1557092	0.549
bs53	702	+	0.5483	0.3760	.1989303	0.595
Test scale					.165854	0.632

Interitem covariances (obs=702 in all pairs)

	bs3	bs14	bs34	bs44	bs53
bs3	0.3050				
bs14	0.1615	0.8493			
bs34	0.1151	0.3083	1.2292		
bs44	0.1219	0.3092	0.1776	0.5717	
bs53	0.0946	0.1502	0.1046	0.1156	0.2863

```
405 . display "BSI alpha reliability for Psychoticism subscale for males"
BSI alpha reliability for Psychoticism subscale for males

406 . alpha `bsIpsyc' if gender==1, item detail

Test scale = mean(unstandardized items)
```

Item	Obs	Sign	item-test correlation	item-rest correlation	average interitem covariance	alph
bs3	339	+	0.5979	0.4301	.1292626	0.544
bs14	339	+	0.7082	0.4552	.0948607	0.501
bs34	339	+	0.6641	0.2834	.1168697	0.638
bs44	339	+	0.7018	0.4694	.0972375	0.496
bs53	339	+	0.4900	0.3041	.1481617	0.587
Test scale					.1172785	0.608

Interitem covariances (obs=339 in all pairs)

	bs3	bs14	bs34	bs44	bs53
bs3	0.2246				
bs14	0.1131	0.5808			
bs34	0.0941	0.1712	0.9457		
bs44	0.1353	0.2376	0.1376	0.5031	
bs53	0.0547	0.0817	0.0686	0.0788	0.2161

```
407 . display "BSI alpha reliability for Psychoticism subscale for females"
BSI alpha reliability for Psychoticism subscale for females

408 . alpha `bsIpsyc' if gender==2, item detail

Test scale = mean(unstandardized items)
```

```
                                                            average
                                  item-test     item-rest       interitem
Item          |  Obs  Sign   correlation   correlation      covariance       alph
> a
--------------+-----------------------------------------------------------------
> -
bs3           |  363    +        0.5409        0.3551        .2306389       0.592
> 2
bs14          |  363    +        0.7684        0.5267          .13222       0.484
> 9
bs34          |  363    +        0.6744        0.3134        .1867444       0.642
> 0
bs44          |  363    +        0.6454        0.4262         .189588       0.552
> 7
bs53          |  363    +        0.5669        0.3961        .2249618       0.580
> 9
--------------+-----------------------------------------------------------------
> -
Test scale    |                                            .1928306       0.626
> 3
--------------+-----------------------------------------------------------------
> -

Interitem covariances (obs=363 in all pairs)

         bs3    bs14    bs34    bs44    bs53
 bs3  0.3772
bs14  0.1953  1.0644
bs34  0.1190  0.3856  1.4276
bs44  0.1037  0.3573  0.1889  0.6272
bs53  0.1265  0.1968  0.1143  0.1410  0.3442

409 . cap drop BSIpsyc

410 . egen BSIpsyc = rowtotal(bs3 bs14 bs34 bs44 bs53)

411 . label var BSIpsyc "Basic symptom inventory Psychoticism subscale score"
```

```
412 . summarize BSIpsyc, detail
```

Basic symptom inventory Psychoticism subscale score

Percentiles		Smallest		
1%	**5**	**4**		
5%	**5**	**4**		
10%	**5**	**4**	Obs	**702**
25%	**5**	**4**	Sum of Wgt.	**702**
50%	**6**		Mean	**6.974359**
		Largest	Std. Dev.	**2.560965**
75%	**8**	**16**		
90%	**11**	**17**	Variance	**6.558543**
95%	**12**	**19**	Skewness	**1.809292**
99%	**15**	**23**	Kurtosis	**7.085812**

```
413 .
414 . 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 **702:1626(97066):4287331027:3098670173**
3. full data signature today **702:1834(1274):1583706063:834507445**

Comparison of current data with previously set data signature

variables	number	notes
original # of variables	**1,626**	(values have changed)
added variables	**208**	(1)
dropped variables	**0**	
resulting # of variables	**1,834**	

(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 WHP1el WHP2p WHP3er WHP4p WHP5s WHP6er WHP7er WHP8p WHP9si WHP10pa WHP11pa WHP12el WHP13s WHP14pa WHP15si WHP16er WHP17pa WHP18pa WHP19p WHP20er WHP21si WHP22s WHP23er WHP24p WHP25pa WHP26el WHP27pa WHP28ps WHP29s WHP30si WHP31er WHP32er WHP33s WHP34si WHP35pa WHP36p WHP37er WHP38p whp23er WHPel WHPpain WHPer WHPsleep WHPsociso WHPpa HP2work HP2hmcare HP2probsoc HP2pbfhm HP2sxlife HP2inthob HP2vacatn bs1 bs2 bs3 bs4 bs5 bs6 bs7 bs8 bs9 bs10 bs11 bs12 bs13 bs14 bs15 bs16 bs17 bs18 bs19 bs20 bs21 bs22 bs23 bs24 bs25 bs26 bs27 bs28 bs29 bs30 bs31 bs32 bs33 bs34 bs35 bs36 bs37 bs38 bs39 bs40 bs41 bs42 bs43 bs44 bs45 bs46 bs47 bs48 bs49 bs50 bs51 bs52 bs53 BSItotal lBSItotal bsp1 bsp2 bsp3 bsp4 bsp5 bsp6 bsp7 bsp8 bsp9 bsp10 bsp11 bsp12 bsp13 bsp14 bsp15 bsp16 bsp17 bsp18 bsp19 bsp20 bsp21 bsp22 bsp23 bsp24 bsp25 bsp26 bsp27 bsp28 bsp29 bsp30 bsp31 bsp32 bsp33 bsp34 bsp35 bsp36 bsp37 bsp38 bsp39 bsp40 bsp41 bsp42 bsp43 bsp44 bsp45 bsp46 bsp47 bsp48 bsp49 bsp50 bsp51 bsp52 bsp53 BSIposymp BSIglobsi BSIsoma BSIoc BSIips BSIdep BSIanx BSIphanx BSIhos BSIpar BSIpsyc**

```
415 . save Master4june142011, replace
    file Master4june142011.dta saved

416 .
417 . //translate
418 . translate BSI14june2011.smcl BSI14june2011.ps, replace
    (note: file BSI14june2011.ps not found)
    (file BSI14june2011.ps written in PostScript format)

419 . //need Miktex utilities running on computer for this step
420 . !ps2pdf BSI14june2011.ps

    /bin/bash: ps2pdf: command not found
```

```
421 . !capt erase BSI14june2011.ps

    /bin/bash: capt: command not found

422 . !start BSI14june2011.pdf

    /bin/bash: start: command not found

423 .
424 .
425 .
    end of do-file

426 . save Master4june142011revised
    file Master4june142011revised.dta saved

427 . dir

    total 32688
    -rw-r--r--  1 robertyaffee  staff   210349 Jun 14  2011 BSI14june2011.pdf
    -rw-r--r--  1 robertyaffee  staff   556258 Feb 15 14:21 BSI14june2011.ps
    -rw-r--r--@ 1 robertyaffee  staff  1159633 Jun 15  2011 BSI14june2011.zip
    -rw-------  1 robertyaffee  staff    15389 Feb 15 14:21 BSIscales14june2011 (A
    > utosaved)
    -rw-r--r--  1 robertyaffee  staff    15371 Jun 14  2011 BSIscales14june2011.do
    -rw-r--r--@ 1 robertyaffee  staff   954493 Jun 14  2011 CSscale.zip
    -rw-r--r--  1 robertyaffee  staff  3863064 Jun 14  2011 Master3june142011.dta
    -rw-r--r--  1 robertyaffee  staff  4216269 Feb 15 14:21 Master4june142011.dta
    -rw-r--r--  1 robertyaffee  staff  4216269 Feb 15 14:22 Master4june142011revis
    > ed.dta
    -rw-r--r--@ 1 robertyaffee  staff   917575 Jun 14  2011 NHP14june2011.zip
    -rw-r--r--  1 robertyaffee  staff   291334 Jun 14  2011 bsI14june2011.smcl
    -rw-r--r--  1 robertyaffee  staff   287150 Feb 15 14:23 bsI14june2011rev.smcl

428 . translate BSI14june2011.ps BSI15Feb2013.pdf, replace
    translator ps2pdf not found
    r(111);
```