**RUTGERS UNIVERSITY**

# Bloustein School of Planning and Public Policy

**Applied Multivariate Methods**

**Fall 2020**

**Dawne Mouzon, Ph.D.**

**Problem Set #3**

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**SUBMISSION INSTRUCTIONS: Please upload to Canvas by 11:59 pm next Thursday night.**

**SCALE CONSTRUCTION**

**(100 points total)**

**Please be sure to follow all instructions for creating recodes and constructing scales (including prep work). The requested output can be found after each question. Please copy and paste your output after each part of the question.**

**Use the Courier New font, size 10 to make your output line up. Minimize the font if necessary. Your output must be copied/pasted. Do not use screenshots or pictures. Copy and paste your code from your do-file only (not the log); copy and paste your output from the results window.**

1. **(80 pts total) Using MIDUS, please create the five separate composite scales below, using the sum of the seven input scale items. Be sure to carry over extended missing values onto the new scale.**
   1. **(16 pts) Environmental mastery (envmast\_scale; envmast1-envmast7)**
      1. **Simple descriptives (exclude “detail” option) of the scale and input items**
      2. **Consistency checks using “list” showing five cases for all three potential outcomes (use “nolabel” to see values only)**
      3. **Code**

**sum C1SE1B C1SE1H C1SE1N C1SE1T C1SE1Z C1SE1FF C1SE1LL**

**tab1 C1SE1B C1SE1H C1SE1N C1SE1T C1SE1Z C1SE1FF C1SE1LL, miss**

**label define pbw 0 "Agree strongly" 1 "Agree somewhat" 2 "Agree a little" 3 "Neither agree nor disagree" 4 "Disagree a little" 5 "Disagree somewhat" 6 "Disagree strongly" .r "refused" .n "respondent does not have SAQ data"**

**label define pbwrc 0 "Disagree strongly" 1 "Disagree somewhat" 2 "Disagree a little" 3 "Neither agree nor disagree" 4 "Agree a little" 5 "Agree somewhat" 6 "Agree strongly" .r "refused" .n "respondent does not have SAQ data"**

**numlabel pbw pbwrc, add**

**\*recodes of individual items\***

**recode C1SE1B (7 =0) (6=1) (5=2) (4=3) (3=4) (2 =5) (1= 6) (-1 =.n) (8 =.r), gen(envmast1)**

**label variable envmast1 "Feels in charge of situation"**

**label values envmast1 pbwrc**

**recode C1SE1H (1=0) (2=1) (3=2) (4=3) (5=4) (6=5) (7=6) (-1 =.n) (8 =.r), gen(envmast2)**

**label variable envmast2 "Demands of life get them down"**

**label values envmast2 pbw**

**recode C1SE1N (1=0) (2=1) (3=2) (4=3) (5=4) (6=5) (7=6) (-1 =.n) (8 =.r), gen(envmast3)**

**label variable envmast3 "Don't fit well with community"**

**label values envmast3 pbw**

**recode C1SE1T (7 =0) (6=1) (5=2) (4=3) (3=4) (2 =5) (1= 6) (-1 =.n) (8 =.r), gen(envmast4)**

**label variable envmast4 "Good at managing responsibilities"**

**label values envmast4 pbwrc**

**recode C1SE1Z (1=0) (2=1) (3=2) (4=3) (5=4) (6=5) (7=6) (-1 =.n) (8 =.r), gen(envmast5)**

**label variable envmast5 "Feel overwhelmed with responsibilities"**

**label values envmast5 pbw**

**recode C1SE1FF (1=0) (2=1) (3=2) (4=3) (5=4) (6=5) (7=6) (-1 =.n) (8 =.r), gen(envmast6)**

**label variable envmast6 "Difficulty in arranging life to to their satisfaction"**

**label values envmast6 pbw**

**recode C1SE1LL (7 =0) (6=1) (5=2) (4=3) (3=4) (2 =5) (1= 6) (-1 =.n) (8 =.r), gen(envmast7)**

**label variable envmast7 "Successfull at building an environment to their liking"**

**label values envmast7 pbwrc**

**tab1 C1SE1B envmast1, miss**

**tab1 C1SE1H envmast2, miss**

**tab1 C1SE1N envmast3, miss**

**tab1 C1SE1T envmast4, miss**

**tab1 C1SE1Z envmast5, miss**

**tab1 C1SE1FF envmast6, miss**

**tab1 C1SE1LL envmast7, miss**

**tab C1SE1B envmast1, miss**

**tab C1SE1H envmast2, miss**

**tab C1SE1N envmast3, miss**

**tab C1SE1T envmast4, miss**

**tab C1SE1Z envmast5, miss**

**tab C1SE1FF envmast6, miss**

**tab C1SE1LL envmast7, miss**

**sum envmast1-envmast7**

**\*Constructing a composite scale now\***

**egen envmast\_scale = rowtotal(envmast1-envmast7), miss**

**label variable envmast\_scale "7 item environmental mastery scale"**

**sum envmast\_scale envmast1-envmast7**

**tab envmast\_scale, miss**

**replace envmast\_scale = .r if envmast1 ==.r & envmast2 ==.r & envmast3 ==.r & envmast4 ==.r & envmast5 ==.r & envmast6 ==.r & envmast7 ==.r**

**replace envmast\_scale = .n if envmast1 ==.n & envmast2 ==.n & envmast3 ==.n & envmast4 ==.n & envmast5 ==.n & envmast6 ==.n & envmast7 ==.n**

**label define pbwmiss .n "R does not have SAQ data" .r "refused on all items"**

**label values envmast\_scale pbwmiss**

**numlabel pbwmiss, add**

**tab envmast\_scale, miss**

**\*listing to check consistency\***

**list M2ID envmast\_scale envmast1-envmast7 in 1/100, nolabel**

**list M2ID envmast\_scale envmast1-envmast7 if missing(envmast2) & !missing(envmast4), nolabel**

**list M2ID envmast\_scale envmast1-envmast7 if !missing(envmast1-envmast7) in 7280/7290, nolabel**

**list M2ID envmast\_scale envmast1-envmast7 if missing(envmast1-envmast7) in 5750/5760, nolabel**

sum envmast\_scale envmast1-envmast7

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

envmast\_sc~e | 2,729 31.38109 7.606422 2 42

envmast1 | 2,724 4.963656 1.282871 0 6

envmast2 | 2,723 3.890195 1.839258 0 6

envmast3 | 2,716 4.549337 1.621266 0 6

envmast4 | 2,718 5.096762 1.193707 0 6

-------------+---------------------------------------------------------

envmast5 | 2,715 4.009576 1.893026 0 6

envmast6 | 2,715 4.125599 1.818614 0 6

envmast7 | 2,721 4.861816 1.398008 0 6

tab envmast\_scale, miss

7 item environmental mastery |

scale | Freq. Percent Cum.

-----------------------------+-----------------------------------

2 | 1 0.01 0.01

3 | 1 0.01 0.03

4 | 2 0.03 0.05

5 | 2 0.03 0.08

6 | 3 0.04 0.12

7 | 2 0.03 0.15

8 | 4 0.05 0.20

9 | 6 0.08 0.29

10 | 8 0.11 0.39

11 | 9 0.12 0.52

12 | 14 0.19 0.71

13 | 10 0.14 0.84

14 | 8 0.11 0.95

15 | 22 0.30 1.25

16 | 19 0.26 1.51

17 | 24 0.33 1.83

18 | 28 0.38 2.21

19 | 40 0.54 2.76

20 | 38 0.52 3.27

21 | 50 0.68 3.95

22 | 68 0.92 4.88

23 | 82 1.11 5.99

24 | 71 0.96 6.95

25 | 90 1.22 8.18

26 | 96 1.30 9.48

27 | 94 1.28 10.76

28 | 103 1.40 12.16

29 | 105 1.43 13.58

30 | 122 1.66 15.24

31 | 142 1.93 17.17

32 | 133 1.81 18.98

33 | 118 1.60 20.58

34 | 112 1.52 22.10

35 | 141 1.92 24.02

36 | 136 1.85 25.86

37 | 152 2.06 27.93

38 | 122 1.66 29.58

39 | 127 1.73 31.31

40 | 127 1.73 33.03

41 | 124 1.68 34.72

42 | 173 2.35 37.07

. | 4,068 55.26 92.33

.n. R does not have SAQ data | 563 7.65 99.97

.r. refused on all items | 2 0.03 100.00

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Total | 7,362 100.00

list M2ID envmast\_scale envmast1-envmast7 in 1/100, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID envmas~e envmast1 envmast2 envmast3 envmast4 envmast5 envmast6 envmast7 |

|-----------------------------------------------------------------------------------------------|

1. | 10001 28 5 5 4 5 2 2 5 |

2. | 10002 .n .n .n .n .n .n .n .n |

3. | 10004 . . . . . . . . |

4. | 10005 . . . . . . . . |

5. | 10006 . . . . . . . . |

. list M2ID envmast\_scale envmast1-envmast7 if missing(envmast1-envmast7) in 5750/5760, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID envmas~e envmast1 envmast2 envmast3 envmast4 envmast5 envmast6 envmast7 |

|-----------------------------------------------------------------------------------------------|

5750. | 17230 . . . . . . . . |

5752. | 17233 . . . . . . . . |

5754. | 17235 . . . . . . . . |

5756. | 17237 . . . . . . . . |

5757. | 17239 . . . . . . . . |

|-----------------------------------------------------------------------------------------------|

5760. | 17242 . . . . . . . . |

+-----------------------------------------------------------------------------------------------+

list M2ID envmast\_scale envmast1-envmast7 if !missing(envmast1-envmast7) in 7280/7290, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID envmas~e envmast1 envmast2 envmast3 envmast4 envmast5 envmast6 envmast7 |

|-----------------------------------------------------------------------------------------------|

7281. | 19161 25 5 2 2 5 4 3 4 |

7282. | 19163 38 6 3 6 6 5 6 6 |

7283. | 19164 21 4 1 5 3 2 2 4 |

7285. | 19166 29 5 4 5 5 4 1 5 |

7287. | 19168 26 5 2 6 3 1 4 5 |

|-----------------------------------------------------------------------------------------------|

7289. | 19170 42 6 6 6 6 6 6 6 |

+-----------------------------------------------------------------------------------------------+

list M2ID envmast\_scale envmast1-envmast7 if missing(envmast2) & !missing(envmast4), nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID envmas~e envmast1 envmast2 envmast3 envmast4 envmast5 envmast6 envmast7 |

|-----------------------------------------------------------------------------------------------|

360. | 10452 20 .r .r 6 0 2 6 6 |

2279. | 12845 15 .r .r 3 3 3 3 3 |

4245. | 15352 28 .r .r 6 6 5 5 6 |

4685. | 15890 20 .r .r 5 6 2 2 5 |

5127. | 16459 22 6 .r 1 6 2 2 5 |

|-----------------------------------------------------------------------------------------------|

7251. | 19125 30 5 .r 5 4 5 5 6 |

+-----------------------------------------------------------------------------------------------+

* 1. **(16 pts) Personal growth (persgrowth\_scale; pgrowth1-pgrowth7)**
     1. **Simple descriptives (exclude “detail” option) of the scale and input items**
     2. **Consistency checks using “list” showing five cases for all three potential outcomes (use “nolabel” to see values only)**
     3. **Code**

**sum C1SE1C C1SE1I C1SE1O C1SE1U C1SE1AA C1SE1GG C1SE1MM**

**tab1 C1SE1C C1SE1I C1SE1O C1SE1U C1SE1AA C1SE1GG C1SE1MM, miss**

**\*generating variables**

**gen persgrowth1= C1SE1C**

**gen persgrowth2= C1SE1I**

**gen persgrowth3= C1SE1O**

**gen persgrowth4= C1SE1U**

**gen persgrowth5= C1SE1AA**

**gen persgrowth6= C1SE1GG**

**gen persgrowth7= C1SE1MM**

**recode persgrowth2 persgrowth4 persgrowth5 (7 =0) (6=1) (5=2) (4=3) (3=4) (2 =5) (1= 6) (-1 =.n) (8 =.r)**

**recode persgrowth1 persgrowth3 persgrowth6 persgrowth7 (1=0) (2=1) (3=2) (4=3) (5=4) (6=5) (7=6) (-1 =.n) (8 =.r)**

**label variable persgrowth1 "not interested in horizon-expanding activities"**

**label variable persgrowth2 "realizes the importance of new experiences to change viewpoint"**

**label variable persgrowth3 "haven't improved much as a person over the years"**

**label variable persgrowth4 "developed a lot as a person over time"**

**label variable persgrowth5 "life has been continous process of learning, changing and growth"**

**label variable persgrowth6 "gave up trying to make big improvements or changes to my life long ago"**

**label variable persgrowth7 "do not enjoy being in new situations that require changing old habits"**

**label values persgrowth2 persgrowth4 persgrowth5 pwbrc**

**label values persgrowth1 persgrowth3 persgrowth6 persgrowth7 pwb**

**tab1 persgrowth1 C1SE1C, miss**

**tab1 persgrowth2 C1SE1I, miss**

**tab1 persgrowth3 C1SE1O, miss**

**tab1 persgrowth4 C1SE1U, miss**

**tab1 persgrowth5 C1SE1AA, miss**

**tab1 persgrowth6 C1SE1GG, miss**

**tab1 persgrowth7 C1SE1MM, miss**

**tab persgrowth1 C1SE1C, miss**

**tab persgrowth2 C1SE1I, miss**

**tab persgrowth3 C1SE1O, miss**

**tab persgrowth4 C1SE1U, miss**

**tab persgrowth5 C1SE1AA, miss**

**tab persgrowth6 C1SE1GG, miss**

**tab persgrowth7 C1SE1MM, miss**

**sum persgrowth1-persgrowth7**

**egen persgrowth\_scale = rowtotal(persgrowth1-persgrowth7), miss**

**label variable persgrowth\_scale "7 Item Personal Growth Scale"**

**sum persgrowth\_scale persgrowth1-persgrowth7**

**tab persgrowth\_scale, miss**

**replace persgrowth\_scale= .r if persgrowth1==.r & persgrowth2==.r & persgrowth3==.r & persgrowth4==.r & persgrowth5==.r & persgrowth6==.r & persgrowth7==.r**

**replace persgrowth\_scale= .n if persgrowth1==.n & persgrowth2==.n & persgrowth3==.n & persgrowth4==.n & persgrowth5==.n & persgrowth6==.n & persgrowth7==.n**

**label values persgrowth\_scale pbwmiss**

**numlabel pbwmiss, add**

**sum persgrowth\_scale, detail**

**tab envmast\_scale, miss**

**\*listing to check consistency\***

**list M2ID persgrowth\_scale persgrowth1-persgrowth7 in 1/100, nolabel**

**list M2ID persgrowth\_scale persgrowth1-persgrowth7 if missing(persgrowth3) & !missing(persgrowth1), nolabel**

**list M2ID persgrowth\_scale persgrowth1-persgrowth7 if !missing(persgrowth1-persgrowth7) in 5000/5015, nolabel**

**list M2ID persgrowth\_scale persgrowth1-persgrowth7 if missing(persgrowth1-persgrowth7) in 5750/5760, nolabel**

sum C1SE1C C1SE1I C1SE1O C1SE1U C1SE1AA C1SE1GG C1SE1MM

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

C1SE1C | 3,294 4.206436 2.865739 -1 8

C1SE1I | 3,294 1.683971 1.734942 -1 8

C1SE1O | 3,294 4.607468 2.928413 -1 8

C1SE1U | 3,294 1.552823 1.643279 -1 8

C1SE1AA | 3,294 1.455981 1.56634 -1 8

-------------+---------------------------------------------------------

C1SE1GG | 3,294 4.370067 2.905218 -1 8

C1SE1MM | 3,294 3.181239 2.557258 -1 8

sum persgrowth1-persgrowth7

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

persgrowth1 | 2,718 4.26674 1.772859 0 6

persgrowth2 | 2,720 4.786029 1.308229 0 6

persgrowth3 | 2,718 4.752759 1.584552 0 6

persgrowth4 | 2,718 4.949227 1.214711 0 6

persgrowth5 | 2,720 5.062132 1.147538 0 6

-------------+---------------------------------------------------------

persgrowth6 | 2,719 4.46598 1.729989 0 6

persgrowth7 | 2,720 3.027206 1.868221 0 6

. sum persgrowth\_scale persgrowth1-persgrowth7

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

persgrowth~e | 2,729 31.19494 6.974301 5 42

persgrowth1 | 2,718 4.26674 1.772859 0 6

persgrowth2 | 2,720 4.786029 1.308229 0 6

persgrowth3 | 2,718 4.752759 1.584552 0 6

persgrowth4 | 2,718 4.949227 1.214711 0 6

-------------+---------------------------------------------------------

persgrowth5 | 2,720 5.062132 1.147538 0 6

persgrowth6 | 2,719 4.46598 1.729989 0 6

persgrowth7 | 2,720 3.027206 1.868221 0 6

sum persgrowth\_scale, detail

7 Item Personal Growth Scale

-------------------------------------------------------------

Percentiles Smallest

1% 13 5

5% 19 6

10% 22 6 Obs 2,729

25% 26 7 Sum of Wgt. 2,729

50% 32 Mean 31.19494

Largest Std. Dev. 6.974301

75% 37 42

90% 40 42 Variance 48.64087

95% 41 42 Skewness -.5129621

99% 42 42 Kurtosis 2.748514

list M2ID persgrowth\_scale persgrowth1-persgrowth7 in 1/100, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID persgr~e persgr~1 persgr~2 persgr~3 persgr~4 persgr~5 persgr~6 persgr~7 |

|-----------------------------------------------------------------------------------------------|

1. | 10001 27 5 4 5 5 5 1 2 |

2. | 10002 .n .n .n .n .n .n .n .n |

3. | 10004 . . . . . . . . |

4. | 10005 . . . . . . . . |

5. | 10006 . . . . . . . . |

|-----------------------------------------------------------------------------------------------|

list M2ID persgrowth\_scale persgrowth1-persgrowth7 if missing(persgrowth3) & !missing(persgrowth1), nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID persgr~e persgr~1 persgr~2 persgr~3 persgr~4 persgr~5 persgr~6 persgr~7 |

|-----------------------------------------------------------------------------------------------|

2257. | 12814 5 2 3 .r .r .r .r .r |

2298. | 12868 21 1 5 .r 6 4 5 0 |

2887. | 13603 12 6 6 .r .r .r .r .r |

4152. | 15235 6 6 0 .r .r .r .r .r |

4276. | 15393 6 3 3 .r .r .r .r .r |

|-----------------------------------------------------------------------------------------------|

list M2ID persgrowth\_scale persgrowth1-persgrowth7 if !missing(persgrowth1-persgrowth7) in 5000/5015, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID persgr~e persgr~1 persgr~2 persgr~3 persgr~4 persgr~5 persgr~6 persgr~7 |

|-----------------------------------------------------------------------------------------------|

5000. | 16294 24 1 4 4 5 4 5 1 |

5002. | 16297 26 2 5 4 4 5 4 2 |

5009. | 16306 40 6 6 6 6 6 5 5 |

5013. | 16313 32 2 6 4 5 6 4 5 |

5014. | 16314 35 5 5 6 6 6 5 2 |

+-----------------------------------------------------------------------------------------------+

. list M2ID persgrowth\_scale persgrowth1-persgrowth7 if missing(persgrowth1-persgrowth7) in 5750/5760, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID persgr~e persgr~1 persgr~2 persgr~3 persgr~4 persgr~5 persgr~6 persgr~7 |

|-----------------------------------------------------------------------------------------------|

5750. | 17230 . . . . . . . . |

5752. | 17233 . . . . . . . . |

5754. | 17235 . . . . . . . . |

5756. | 17237 . . . . . . . . |

5757. | 17239 . . . . . . . . |

|-----------------------------------------------------------------------------------------------|

5760. | 17242 . . . . . . . . |

+-----------------------------------------------------------------------------------------------+

tab persgrowth\_scale, miss

7 Item Personal Growth Scale | Freq. Percent Cum.

-----------------------------+-----------------------------------

5 | 1 0.01 0.01

6 | 2 0.03 0.04

7 | 1 0.01 0.05

8 | 1 0.01 0.07

9 | 1 0.01 0.08

10 | 3 0.04 0.12

11 | 4 0.05 0.18

12 | 9 0.12 0.30

13 | 8 0.11 0.41

14 | 11 0.15 0.56

15 | 10 0.14 0.69

16 | 21 0.29 0.98

17 | 20 0.27 1.25

18 | 29 0.39 1.64

19 | 46 0.62 2.27

20 | 35 0.48 2.74

21 | 66 0.90 3.64

22 | 71 0.96 4.60

23 | 80 1.09 5.69

24 | 80 1.09 6.78

25 | 90 1.22 8.00

26 | 117 1.59 9.59

27 | 98 1.33 10.92

28 | 126 1.71 12.63

29 | 113 1.53 14.17

30 | 128 1.74 15.91

31 | 113 1.53 17.44

32 | 133 1.81 19.25

33 | 153 2.08 21.33

34 | 144 1.96 23.28

35 | 147 2.00 25.28

36 | 169 2.30 27.57

37 | 148 2.01 29.58

38 | 128 1.74 31.32

39 | 96 1.30 32.63

40 | 100 1.36 33.99

41 | 114 1.55 35.53

42 | 113 1.53 37.07

. | 4,068 55.26 92.33

.n. R does not have SAQ data | 563 7.65 99.97

.r. refused on all items | 2 0.03 100.00

-----------------------------+-----------------------------------

Total | 7,362 100.00

* 1. **(16 pts) Positive relations with others (posrel\_scale; posrel1-posrel7)**
     1. **Simple descriptives (exclude “detail” option) of the scale and input items**
     2. **Consistency checks using “list” showing five cases for all three potential outcomes (use “nolabel” to see values only)**
     3. **Code**

**sum C1SE1D C1SE1J C1SE1P C1SE1V C1SE1BB C1SE1HH C1SE1NN**

**tab1 C1SE1D C1SE1J C1SE1P C1SE1V C1SE1BB C1SE1HH C1SE1NN, miss**

**\*generating variables**

**gen posrel1 = C1SE1D**

**gen posrel2= C1SE1J**

**gen posrel3= C1SE1P**

**gen posrel4= C1SE1V**

**gen posrel5= C1SE1BB**

**gen posrel6= C1SE1HH**

**gen posrel7= C1SE1NN**

**recode posrel2 posrel3 posrel6 (1=0) (2=1) (3=2) (4=3) (5=4) (6=5) (7=6) (-1 =.n) (8 =.r)**

**recode posrel1 posrel4 posrel5 posrel7 (7=0) (6=1) (5=2) (4=3) (3=4) (2=5) (1=6) (8=.r) (-1=.n)**

**label variable posrel1 "People see as affectionate"**

**label variable posrel2 "Maintaining close relationships has been difficult"**

**label variable posrel3 "Feel lonely because of few close friends"**

**label variable posrel4 "Enjoy conversations with friends and family"**

**label variable posrel5 "People describe as a person willing to share his/her time"**

**label variable posrel6 "Never experienced a good relationship"**

**label variable posrel7 "Can trust their friends"**

**label values posrel2 posrel3 posrel6 pbw**

**label values posrel1 posrel4 posrel5 posrel7 pbwrc**

**tab posrel1 C1SE1D, miss**

**tab posrel2 C1SE1J, miss**

**tab posrel3 C1SE1P, miss**

**tab posrel4 C1SE1V, miss**

**tab posrel5 C1SE1BB, miss**

**tab posrel6 C1SE1HH, miss**

**tab posrel7 C1SE1NN, miss**

**tab1 posrel1 C1SE1D, miss**

**tab1 posrel2 C1SE1J, miss**

**tab1 posrel3 C1SE1P, miss**

**tab1 posrel4 C1SE1V, miss**

**tab1 posrel5 C1SE1BB, miss**

**tab1 posrel6 C1SE1HH, miss**

**tab1 posrel7 C1SE1NN, miss**

**egen posrel\_scale = rowtotal(posrel1-posrel7), miss**

**label variable posrel\_scale "7 item Positive Relation scale"**

**sum posrel\_scale posrel1-posrel7**

**tab posrel\_scale, miss**

**replace posrel\_scale = .r if posrel1 ==.r & posrel2 == .r & posrel3 == .r & posrel4 == .r & posrel5 == .r & posrel6 == .r & posrel7 ==.r**

**replace posrel\_scale = .n if posrel1 ==.n & posrel2 == .n & posrel3 == .n & posrel4 == .n & posrel5 == .n & posrel6 == .n & posrel7 ==.n**

**label values posrel\_scale pbwmiss**

**numlabel pbwmiss, add**

**sum posrel\_scale, detail**

**tab posrel\_scale, miss**

**\*listing to check consistency\***

**list M2ID posrel\_scale posrel1-posrel7 in 1/100, nolabel**

**list M2ID posrel\_scale posrel1-posrel7 if missing(posrel2) & !missing(posrel5), nolabel**

**list M2ID posrel\_scale posrel1-posrel7 if !missing(posrel1-posrel7) in 5000/5015, nolabel**

**list M2ID posrel\_scale posrel1-posrel7 if missing(posrel1-posrel7) in 5750/5760, nolabel**

sum C1SE1D C1SE1J C1SE1P C1SE1V C1SE1BB C1SE1HH C1SE1NN

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

C1SE1D | 3,294 1.676685 1.68852 -1 8

C1SE1J | 3,294 4.147237 2.885906 -1 8

C1SE1P | 3,294 4.299332 2.948431 -1 8

C1SE1V | 3,294 1.233151 1.43626 -1 8

C1SE1BB | 3,294 1.437158 1.517035 -1 8

-------------+---------------------------------------------------------

C1SE1HH | 3,294 4.417729 2.997377 -1 8

C1SE1NN | 3,294 1.273224 1.494 -1 8

**.** sum posrel\_scale posrel1-posrel7

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

posrel\_scale | 2,729 33.48809 6.843556 6 42

posrel1 | 2,716 4.803387 1.216978 0 6

posrel2 | 2,720 4.197059 1.85423 0 6

posrel3 | 2,717 4.378358 1.8664 0 6

posrel4 | 2,719 5.334314 1.037755 0 6

-------------+---------------------------------------------------------

posrel5 | 2,721 5.08269 1.080644 0 6

posrel6 | 2,721 4.525542 1.877936 0 6

posrel7 | 2,708 5.3113 1.040831 0 6

. tab posrel\_scale, miss

7 item |

Positive |

Relation |

scale | Freq. Percent Cum.

------------+-----------------------------------

6 | 1 0.01 0.01

7 | 2 0.03 0.04

8 | 2 0.03 0.07

9 | 2 0.03 0.10

11 | 4 0.05 0.15

12 | 6 0.08 0.23

13 | 4 0.05 0.29

14 | 4 0.05 0.34

15 | 10 0.14 0.48

16 | 11 0.15 0.62

17 | 11 0.15 0.77

18 | 16 0.22 0.99

19 | 17 0.23 1.22

20 | 27 0.37 1.59

21 | 43 0.58 2.17

22 | 40 0.54 2.72

23 | 54 0.73 3.45

24 | 74 1.01 4.46

25 | 70 0.95 5.41

26 | 74 1.01 6.41

27 | 71 0.96 7.38

28 | 111 1.51 8.88

29 | 88 1.20 10.08

30 | 103 1.40 11.48

31 | 89 1.21 12.69

32 | 122 1.66 14.34

33 | 123 1.67 16.01

34 | 135 1.83 17.85

35 | 159 2.16 20.01

36 | 164 2.23 22.24

37 | 145 1.97 24.21

38 | 156 2.12 26.32

39 | 141 1.92 28.24

40 | 181 2.46 30.70

41 | 206 2.80 33.50

42 | 263 3.57 37.07

. | 4,633 62.93 100.00

------------+-----------------------------------

Total | 7,362 100.00

sum posrel\_scale, detail

7 item Positive Relation scale

-------------------------------------------------------------

Percentiles Smallest

1% 15 6

5% 21 7

10% 24 7 Obs 2,729

25% 29 8 Sum of Wgt. 2,729

50% 35 Mean 33.48809

Largest Std. Dev. 6.843556

75% 39 42

90% 41 42 Variance 46.83426

95% 42 42 Skewness -.7857805

99% 42 42 Kurtosis 3.132236

. tab posrel\_scale, miss

7 item Positive Relation |

scale | Freq. Percent Cum.

-----------------------------+-----------------------------------

6 | 1 0.01 0.01

7 | 2 0.03 0.04

8 | 2 0.03 0.07

9 | 2 0.03 0.10

11 | 4 0.05 0.15

12 | 6 0.08 0.23

13 | 4 0.05 0.29

14 | 4 0.05 0.34

15 | 10 0.14 0.48

16 | 11 0.15 0.62

17 | 11 0.15 0.77

18 | 16 0.22 0.99

19 | 17 0.23 1.22

20 | 27 0.37 1.59

21 | 43 0.58 2.17

22 | 40 0.54 2.72

23 | 54 0.73 3.45

24 | 74 1.01 4.46

25 | 70 0.95 5.41

26 | 74 1.01 6.41

27 | 71 0.96 7.38

28 | 111 1.51 8.88

29 | 88 1.20 10.08

30 | 103 1.40 11.48

31 | 89 1.21 12.69

32 | 122 1.66 14.34

33 | 123 1.67 16.01

34 | 135 1.83 17.85

35 | 159 2.16 20.01

36 | 164 2.23 22.24

37 | 145 1.97 24.21

38 | 156 2.12 26.32

39 | 141 1.92 28.24

40 | 181 2.46 30.70

41 | 206 2.80 33.50

42 | 263 3.57 37.07

. | 4,068 55.26 92.33

.n. R does not have SAQ data | 563 7.65 99.97

.r. refused on all items | 2 0.03 100.00

-----------------------------+-----------------------------------

Total | 7,362 100.00

list M2ID posrel\_scale posrel1-posrel7 in 1/100, nolabel

+----------------------------------------------------------------------------------------+

| M2ID posrel~e posrel1 posrel2 posrel3 posrel4 posrel5 posrel6 posrel7 |

|----------------------------------------------------------------------------------------|

1. | 10001 24 4 2 2 5 5 2 4 |

2. | 10002 .n .n .n .n .n .n .n .n |

3. | 10004 . . . . . . . . |

4. | 10005 . . . . . . . . |

5. | 10006 . . . . . . . . |

|----------------------------------------------------------------------------------------|

list M2ID posrel\_scale posrel1-posrel7 if missing(posrel2) & !missing(posrel5), nolabel

+----------------------------------------------------------------------------------------+

| M2ID posrel~e posrel1 posrel2 posrel3 posrel4 posrel5 posrel6 posrel7 |

|----------------------------------------------------------------------------------------|

360. | 10452 18 .r .r 0 6 0 6 6 |

590. | 10728 29 .r .r 6 6 6 5 6 |

1583. | 11991 36 6 .r 6 6 6 6 6 |

2279. | 12845 15 .r .r 3 3 6 3 .r |

2599. | 13255 27 5 .r 2 5 5 4 6 |

|----------------------------------------------------------------------------------------|

list M2ID posrel\_scale posrel1-posrel7 if !missing(posrel1-posrel7) in 5000/5015, nolabel

+----------------------------------------------------------------------------------------+

| M2ID posrel~e posrel1 posrel2 posrel3 posrel4 posrel5 posrel6 posrel7 |

|----------------------------------------------------------------------------------------|

5000. | 16294 32 4 3 4 6 4 6 5 |

5002. | 16297 37 5 4 5 6 5 6 6 |

5009. | 16306 42 6 6 6 6 6 6 6 |

5013. | 16313 29 4 5 4 5 5 1 5 |

5014. | 16314 38 5 6 5 6 5 6 5 |

+----------------------------------------------------------------------------------------+

. list M2ID posrel\_scale posrel1-posrel7 if missing(posrel1-posrel7) in 5750/5760, nolabel

+----------------------------------------------------------------------------------------+

| M2ID posrel~e posrel1 posrel2 posrel3 posrel4 posrel5 posrel6 posrel7 |

|----------------------------------------------------------------------------------------|

5750. | 17230 . . . . . . . . |

5752. | 17233 . . . . . . . . |

5754. | 17235 . . . . . . . . |

5756. | 17237 . . . . . . . . |

5757. | 17239 . . . . . . . . |

* 1. **(16 pts) Purpose in life (purplife\_scale; purplife1-purplife7)**
     1. **Simple descriptives (exclude “detail” option) of the scale and input items**
     2. **Consistency checks using “list” showing five cases for all three potential outcomes (use “nolabel” to see values only)**
     3. **Code**

**sum C1SE1E C1SE1K C1SE1Q C1SE1W C1SE1CC C1SE1OO C1SE1QQ**

**tab1 C1SE1E C1SE1K C1SE1Q C1SE1W C1SE1CC C1SE1OO C1SE1QQ, miss**

**gen purplife1= C1SE1E**

**gen purplife2= C1SE1K**

**gen purplife3= C1SE1Q**

**gen purplife4= C1SE1W**

**gen purplife5= C1SE1CC**

**gen purplife6= C1SE1OO**

**gen purplife7= C1SE1QQ**

**recode purplife1 purplife3 purplife4 purplife7 (1=0) (2=1) (3=2) (4=3) (5=4) (6=5) (7=6) (-1 =.n) (8 =.r)**

**recode purplife2 purplife5 purplife6 (7=0) (6=1) (5=2) (4=3) (3=4) (2=5) (1=6) (8=.r) (-1=.n)**

**label variable purplife1 "Don't think about the future"**

**label variable purplife2 "Have a sense of direction"**

**label variable purplife3 "Don't have a good sense of what they are trying to accomplish"**

**label variable purplife4 "Daily activities seem trivial to them"**

**label variable purplife5 "Enjoy making plans for future"**

**label variable purplife6 "They do not wander aimlessly through life"**

**label variable purplife7 "Feel they have already lived life"**

**label values purplife1 purplife3 purplife4 purplife7 pwb**

**label values purplife2 purplife5 purplife6 pwbrc**

**tab purplife1 C1SE1E, miss**

**tab purplife2 C1SE1K, miss**

**tab purplife3 C1SE1Q, miss**

**tab purplife4 C1SE1W, miss**

**tab purplife5 C1SE1CC, miss**

**tab purplife6 C1SE1OO, miss**

**tab purplife7 C1SE1QQ, miss**

**tab1 purplife1 C1SE1E, miss**

**tab1 purplife2 C1SE1K, miss**

**tab1 purplife3 C1SE1Q, miss**

**tab1 purplife4 C1SE1W, miss**

**tab1 purplife5 C1SE1CC, miss**

**tab1 purplife6 C1SE1OO, miss**

**tab1 purplife7 C1SE1QQ, miss**

**egen purplife\_scale = rowtotal(purplife1-purplife7), miss**

**label variable purplife\_scale "7 item scale for life Purpose"**

**sum purplife\_scale purplife1-purplife7**

**sum purplife\_scale, detail**

**tab purplife\_scale, miss**

**replace purplife\_scale = .r if purplife1 == .r & purplife2 == .r & purplife3 == .r & purplife4 == .r & purplife5 == .r & purplife6 == .r & purplife7 == .r**

**replace purplife\_scale = .n if purplife1 == .n & purplife2 == .n & purplife3 == .n & purplife4 == .n & purplife5 == .n & purplife6 == .n & purplife7 == .n**

**label values purplife\_scale pbwmiss**

**sum purplife\_scale, detail**

**tab purplife\_scale, miss**

**\*listing to check consistency\***

**list M2ID purplife\_scale purplife1-purplife7 if missing(purplife1-purplife7) in 1/20, nolabel**

**list M2ID purplife\_scale purplife1-purplife7 if missing(purplife4) & !missing(purplife2), nolabel**

**list M2ID purplife\_scale purplife1-purplife7 if !missing(purplife1-purplife7) in 100/150, nolabel**

sum C1SE1E C1SE1K C1SE1Q C1SE1W C1SE1CC C1SE1OO C1SE1QQ

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

C1SE1E | 3,294 3.778081 2.788788 -1 8

C1SE1K | 3,294 1.697025 1.786309 -1 8

C1SE1Q | 3,294 4.38646 2.906846 -1 8

C1SE1W | 3,294 4.083789 2.837585 -1 8

C1SE1CC | 3,294 1.774742 1.751738 -1 8

-------------+---------------------------------------------------------

C1SE1OO | 3,294 1.653613 1.898564 -1 8

C1SE1QQ | 3,294 4.374317 2.915214 -1 8

sum purplife\_scale purplife1-purplife7

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

purplife\_s~e | 2,729 30.93734 7.123499 1 42

purplife1 | 2,716 3.745214 1.914343 0 6

purplife2 | 2,722 4.765981 1.391676 0 6

purplife3 | 2,717 4.48399 1.719951 0 6

purplife4 | 2,719 4.119161 1.806027 0 6

-------------+---------------------------------------------------------

purplife5 | 2,720 4.676103 1.289852 0 6

purplife6 | 2,702 4.861584 1.50308 0 6

purplife7 | 2,703 4.45616 1.741274 0 6

tab purplife\_scale, miss

7 item scale for life |

Purpose | Freq. Percent Cum.

-----------------------------+-----------------------------------

1 | 1 0.01 0.01

4 | 1 0.01 0.03

6 | 1 0.01 0.04

7 | 3 0.04 0.08

8 | 1 0.01 0.10

9 | 1 0.01 0.11

10 | 4 0.05 0.16

11 | 9 0.12 0.29

12 | 9 0.12 0.41

13 | 6 0.08 0.49

14 | 7 0.10 0.58

15 | 19 0.26 0.84

16 | 25 0.34 1.18

17 | 23 0.31 1.49

18 | 26 0.35 1.85

19 | 43 0.58 2.43

20 | 46 0.62 3.06

21 | 69 0.94 3.99

22 | 79 1.07 5.07

23 | 70 0.95 6.02

24 | 93 1.26 7.28

25 | 102 1.39 8.67

26 | 99 1.34 10.01

27 | 127 1.73 11.74

28 | 102 1.39 13.12

29 | 112 1.52 14.64

30 | 128 1.74 16.38

31 | 120 1.63 18.01

32 | 131 1.78 19.79

33 | 141 1.92 21.71

34 | 125 1.70 23.40

35 | 155 2.11 25.51

36 | 152 2.06 27.57

37 | 141 1.92 29.49

38 | 139 1.89 31.38

39 | 111 1.51 32.89

40 | 108 1.47 34.35

41 | 111 1.51 35.86

42 | 89 1.21 37.07

. | 4,068 55.26 92.33

.n. R does not have SAQ data | 563 7.65 99.97

.r. refused on all items | 2 0.03 100.00

-----------------------------+-----------------------------------

Total | 7,362 100.00

list M2ID purplife\_scale purplife1-purplife7 if missing(purplife1-purplife7) in 1/20, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID purpli~e purpli~1 purpli~2 purpli~3 purpli~4 purpli~5 purpli~6 purpli~7 |

|-----------------------------------------------------------------------------------------------|

2. | 10002 .n .n .n .n .n .n .n .n |

3. | 10004 . . . . . . . . |

4. | 10005 . . . . . . . . |

5. | 10006 . . . . . . . . |

6. | 10007 . . . . . . . . |

|-----------------------------------------------------------------------------------------------|

list M2ID purplife\_scale purplife1-purplife7 if missing(purplife4) & !missing(purplife2), nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID purpli~e purpli~1 purpli~2 purpli~3 purpli~4 purpli~5 purpli~6 purpli~7 |

|-----------------------------------------------------------------------------------------------|

1270. | 11600 26 4 5 5 .r 4 6 2 |

2257. | 12814 7 1 6 .r .r .r .r .r |

2887. | 13603 21 3 6 .r .r .r 6 6 |

4152. | 15235 19 6 5 .r .r .r 2 6 |

4276. | 15393 15 2 5 .r .r .r 5 3 |

|-----------------------------------------------------------------------------------------------|

. list M2ID purplife\_scale purplife1-purplife7 if !missing(purplife1-purplife7) in 100/150, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID purpli~e purpli~1 purpli~2 purpli~3 purpli~4 purpli~5 purpli~6 purpli~7 |

|-----------------------------------------------------------------------------------------------|

101. | 10129 41 5 6 6 6 6 6 6 |

102. | 10130 39 6 5 6 6 5 5 6 |

103. | 10131 30 0 6 3 6 6 6 3 |

105. | 10134 26 2 5 5 2 5 6 1 |

108. | 10137 27 2 4 3 4 4 4 6 |

|-----------------------------------------------------------------------------------------------|

* 1. **(16 pts) Self-acceptance (selfacc\_scale; selfacc1-selfacc7)**
     1. **Simple descriptives (exclude “detail” option) of the scale and input items**
     2. **Consistency checks using “list” showing five cases for all three potential outcomes (use “nolabel” to see values only)**
     3. **Code**

**sum C1SE1F C1SE1L C1SE1R C1SE1X C1SE1DD C1SE1JJ C1SE1PP**

**tab1 C1SE1F C1SE1L C1SE1R C1SE1X C1SE1DD C1SE1JJ C1SE1PP, miss**

**gen selfacc1= C1SE1F**

**gen selfacc2= C1SE1L**

**gen selfacc3= C1SE1R**

**gen selfacc4= C1SE1X**

**gen selfacc5= C1SE1DD**

**gen selfacc6= C1SE1JJ**

**gen selfacc7= C1SE1PP**

**recode selfacc1 selfacc2 selfacc4 selfacc7 (7=0) (6=1) (5=2) (4=3) (3=4) (2=5) (1=6) (8=.r) (-1=.n)**

**recode selfacc3 selfacc5 selfacc6 (1=0) (2=1) (3=2) (4=3) (5=4) (6=5) (7=6) (8=.r) (-1=.n)**

**label variable selfacc1 "pleased with how life has turned out"**

**label variable selfacc2 "feel positive and confident about theirself"**

**label variable selfacc3 "people have gotten more out of life than them"**

**label variable selfacc4 "like most aspects of personality"**

**label variable selfacc5 "feel disappointed about achievements in life"**

**label variable selfacc6 "attitude not as positive as most people's"**

**label variable selfacc7 "feel good after comparing self to friends"**

**label values selfacc3 selfacc5 selfacc6 pwb**

**label values selfacc1 selfacc2 selfacc4 selfacc7 pwbrc**

**tab selfacc1 C1SE1F, miss**

**tab selfacc2 C1SE1L, miss**

**tab selfacc3 C1SE1R, miss**

**tab selfacc4 C1SE1X, miss**

**tab selfacc5 C1SE1DD, miss**

**tab selfacc6 C1SE1JJ, miss**

**tab selfacc7 C1SE1PP, miss**

**tab1 selfacc1 C1SE1F, miss**

**tab1 selfacc2 C1SE1L, miss**

**tab1 selfacc3 C1SE1R, miss**

**tab1 selfacc4 C1SE1X, miss**

**tab1 selfacc5 C1SE1DD, miss**

**tab1 selfacc6 C1SE1JJ, miss**

**tab1 selfacc7 C1SE1PP, miss**

**egen selfacc\_scale= rowtotal(selfacc1-selfacc7), miss**

**label variable selfacc\_scale "7 item purpose in life scale"**

**replace selfacc\_scale = .r if selfacc1 == .r & selfacc2 == .r & selfacc3 == .r & selfacc4 == .r & selfacc5 == .r & selfacc6 == .r & selfacc7 ==.r**

**replace selfacc\_scale =.n if selfacc1 == .n & selfacc2 == .n & selfacc3 == .n & selfacc4 == .n & selfacc5 == .n & selfacc6 == .n & selfacc7 ==.n**

**label values selfacc\_scale pbwmiss**

**sum selfacc1-selfacc7 selfacc\_scale**

**tab selfacc\_scale, miss**

**list M2ID selfacc\_scale selfacc1-selfacc7 if missing(selfacc1-selfacc7) in 1/20, nolabel**

**list M2ID selfacc\_scale selfacc1-selfacc7 if missing(selfacc3) & !missing(selfacc4), nolabel**

**list M2ID selfacc\_scale selfacc1-selfacc7 if !missing(selfacc1-selfacc7) in 100/150, nolabel**

sum C1SE1F C1SE1L C1SE1R C1SE1X C1SE1DD C1SE1JJ C1SE1PP

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

C1SE1F | 3,294 2.037341 2.079239 -1 8

C1SE1L | 3,294 1.557984 1.712251 -1 8

C1SE1R | 3,294 4.21099 2.882577 -1 8

C1SE1X | 3,294 1.719186 1.73435 -1 8

C1SE1DD | 3,294 4.161202 2.905402 -1 8

-------------+---------------------------------------------------------

C1SE1JJ | 3,294 3.83303 2.808936 -1 8

C1SE1PP | 3,294 1.769277 1.81473 -1 8

sum selfacc1-selfacc7 selfacc\_scale

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

selfacc1 | 2,723 4.352185 1.686622 0 6

selfacc2 | 2,721 4.93642 1.336699 0 6

selfacc3 | 2,717 4.271255 1.801967 0 6

selfacc4 | 2,706 4.773097 1.224923 0 6

selfacc5 | 2,714 4.207811 1.87882 0 6

-------------+---------------------------------------------------------

selfacc6 | 2,716 3.811856 1.916187 0 6

selfacc7 | 2,703 4.718461 1.32319 0 6

selfacc\_sc~e | 2,729 30.9018 8.207573 0 42

sum selfacc\_scale, detail

7 item purpose in life scale

-------------------------------------------------------------

Percentiles Smallest

1% 8 0

5% 16 0

10% 20 1 Obs 2,729

25% 26 3 Sum of Wgt. 2,729

50% 33 Mean 30.9018

Largest Std. Dev. 8.207573

75% 37 42

90% 41 42 Variance 67.36425

95% 42 42 Skewness -.7835262

99% 42 42 Kurtosis 3.207193

tab selfacc\_scale, miss

7 item purpose in life scale | Freq. Percent Cum.

-----------------------------+-----------------------------------

0 | 2 0.03 0.03

1 | 1 0.01 0.04

3 | 2 0.03 0.07

4 | 4 0.05 0.12

5 | 3 0.04 0.16

6 | 5 0.07 0.23

7 | 8 0.11 0.34

8 | 11 0.15 0.49

9 | 8 0.11 0.60

10 | 12 0.16 0.76

11 | 18 0.24 1.01

12 | 15 0.20 1.21

13 | 11 0.15 1.36

14 | 12 0.16 1.52

15 | 22 0.30 1.82

16 | 28 0.38 2.20

17 | 30 0.41 2.61

18 | 42 0.57 3.18

19 | 37 0.50 3.68

20 | 47 0.64 4.32

21 | 56 0.76 5.08

22 | 55 0.75 5.83

23 | 78 1.06 6.89

24 | 84 1.14 8.03

25 | 72 0.98 9.01

26 | 96 1.30 10.31

27 | 88 1.20 11.51

28 | 100 1.36 12.86

29 | 104 1.41 14.28

30 | 100 1.36 15.63

31 | 110 1.49 17.13

32 | 103 1.40 18.53

33 | 134 1.82 20.35

34 | 145 1.97 22.32

35 | 147 2.00 24.31

36 | 154 2.09 26.41

37 | 133 1.81 28.21

38 | 102 1.39 29.60

39 | 130 1.77 31.36

40 | 125 1.70 33.06

41 | 137 1.86 34.92

42 | 158 2.15 37.07

. | 4,068 55.26 92.33

.n. R does not have SAQ data | 563 7.65 99.97

.r. refused on all items | 2 0.03 100.00

-----------------------------+-----------------------------------

Total | 7,362 100.00

. list M2ID selfacc\_scale selfacc1-selfacc7 if missing(selfacc1-selfacc7) in 1/20, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID selfac~e selfacc1 selfacc2 selfacc3 selfacc4 selfacc5 selfacc6 selfacc7 |

|-----------------------------------------------------------------------------------------------|

2. | 10002 .n .n .n .n .n .n .n .n |

3. | 10004 . . . . . . . . |

4. | 10005 . . . . . . . . |

5. | 10006 . . . . . . . . |

6. | 10007 . . . . . . . . |

|-----------------------------------------------------------------------------------------------|

. list M2ID selfacc\_scale selfacc1-selfacc7 if missing(selfacc3) & !missing(selfacc4), nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID selfac~e selfacc1 selfacc2 selfacc3 selfacc4 selfacc5 selfacc6 selfacc7 |

|-----------------------------------------------------------------------------------------------|

2690. | 13366 35 5 6 .r 6 6 6 6 |

5506. | 16923 18 5 6 .r 0 .r 2 5 |

5802. | 17293 27 6 6 .r 1 6 5 3 |

+-----------------------------------------------------------------------------------------------+

. list M2ID selfacc\_scale selfacc1-selfacc7 if !missing(selfacc1-selfacc7) in 100/150, nolabel

+-----------------------------------------------------------------------------------------------+

| M2ID selfac~e selfacc1 selfacc2 selfacc3 selfacc4 selfacc5 selfacc6 selfacc7 |

|-----------------------------------------------------------------------------------------------|

101. | 10129 39 6 6 6 6 6 6 3 |

102. | 10130 37 5 5 6 5 5 6 5 |

103. | 10131 33 6 6 3 3 6 3 6 |

105. | 10134 37 5 6 5 5 5 5 6 |

108. | 10137 22 2 3 5 3 4 2 3 |

|-----------------------------------------------------------------------------------------------|

1. **(20 pts total) Using 1972-2018 GSS, please create the composite scales below, using the sum of the input scale items. Be sure to carry over extended missing values onto the new scale.**
   1. **(10 pts) Using the rescaled items for the “support of abortion rights” scale you created in Problem Set #1, create an overall scale (abscale) based on the sum of these items.** 
      1. **Simple descriptives (exclude “detail” option) of the scale and input items**
      2. **Consistency checks using “list” showing five cases for all three potential outcomes (use “nolabel” to see values only)**
      3. **Code**

**\*Since all seven recodes are correctly constructed as per the conventions, we will use the same recodes as they are\***

**tab abdefect abdefect\_rs, miss**

**tab abhlth abhlth\_rs, miss**

**tab abnomore abnomore\_rs, miss**

**tab abrape abrape\_rs, miss**

**tab abpoor abpoor\_rs, miss**

**tab absingle absingle\_rs, miss**

**tab abany abany\_rs, miss**

**sum abdefect\_rs-abany\_rs**

**tab1 abdefect\_rs-abany\_rs, miss**

**label values abdefect\_rs-abany\_rs yngss**

**egen abscale = rowtotal(abdefect\_rs-abany\_rs), miss**

**label variable abscale "7 item abortion right scale"**

**tab abscale, miss**

**replace abscale = .i if abdefect\_rs == .i & abhlth\_rs == .i & abnomore\_rs == .i & abpoor\_rs == .i & absingle\_rs ==.i & abrape\_rs ==.i & abany\_rs ==.i**

**replace abscale = .d if abdefect\_rs == .d & abhlth\_rs == .d & abnomore\_rs == .d & abpoor\_rs == .d & absingle\_rs ==.d & abrape\_rs ==.d & abany\_rs ==.d**

**replace abscale = .n if abdefect\_rs == .n & abhlth\_rs == .n & abnomore\_rs == .n & abpoor\_rs == .n & absingle\_rs ==.n & abrape\_rs ==.n & abany\_rs ==.n**

**label define yngss\_miss .i "IAP" .d "DK" .n "NA"**

**label values abscale yngss\_miss**

**sum abscale abdefect\_rs-abany\_rs**

**sum abscale, detail**

**tab abscale, miss**

**list id abscale abdefect\_rs-abany\_rs if missing(abdefect\_rs-abany\_rs) in 1/50, nolabel**

**list id abscale abdefect\_rs-abany\_rs if missing(abrape\_rs) & !missing(absingle\_rs) in 60000/61000, nolabel**

**list id abscale abdefect\_rs-abany\_rs if !missing(abdefect\_rs-abany\_rs) in 64800/64810, nolabel**

**.** tab abdefect abdefect\_rs, miss

strong |

chance of |

serious | Abortion due to strong chance of defects

defect | 0. No 1. Yes .d. DK .i. IAP .n. NA | Total

-----------+-------------------------------------------------------+----------

1. yes | 0 35,176 0 0 0 | 35,176

2. no | 8,976 0 0 0 0 | 8,976

.d. DK | 0 0 1,552 0 0 | 1,552

.i. IAP | 0 0 0 18,808 0 | 18,808

.n. NA | 0 0 0 0 302 | 302

-----------+-------------------------------------------------------+----------

Total | 8,976 35,176 1,552 18,808 302 | 64,814

. tab abhlth abhlth\_rs, miss

woman's |

health |

seriously | Abortion due to health risk

endangered | 0. No 1. Yes .d. DK .i. IAP .n. NA | Total

-----------+-------------------------------------------------------+----------

1. yes | 0 39,749 0 0 0 | 39,749

2. no | 4,611 0 0 0 0 | 4,611

.d. DK | 0 0 1,374 0 0 | 1,374

.i. IAP | 0 0 0 18,808 0 | 18,808

.n. NA | 0 0 0 0 272 | 272

-----------+-------------------------------------------------------+----------

Total | 4,611 39,749 1,374 18,808 272 | 64,814

. tab abnomore abnomore\_rs, miss

married--w |

ants no |

more | Abortion due to no desire for kids

children | 0. No 1. Yes .d. DK .i. IAP .n. NA | Total

-----------+-------------------------------------------------------+----------

1. yes | 0 19,662 0 0 0 | 19,662

2. no | 24,410 0 0 0 0 | 24,410

.d. DK | 0 0 1,654 0 0 | 1,654

.i. IAP | 0 0 0 18,808 0 | 18,808

.n. NA | 0 0 0 0 280 | 280

-----------+-------------------------------------------------------+----------

Total | 24,410 19,662 1,654 18,808 280 | 64,814

. tab abrape abrape\_rs, miss

pregnant |

as result | Abortion because of rape

of rape | 0. No 1. Yes .d. DK .i. IAP .n. NA | Total

-----------+-------------------------------------------------------+----------

1. yes | 0 35,746 0 0 0 | 35,746

2. no | 8,176 0 0 0 0 | 8,176

.d. DK | 0 0 1,786 0 0 | 1,786

.i. IAP | 0 0 0 18,808 0 | 18,808

.n. NA | 0 0 0 0 298 | 298

-----------+-------------------------------------------------------+----------

Total | 8,176 35,746 1,786 18,808 298 | 64,814

. tab abpoor abpoor\_rs, miss

low |

income--ca |

nt afford |

more | Abortion due to poverity

children | 0. No 1. Yes .d. DK .i. IAP .n. NA | Total

-----------+-------------------------------------------------------+----------

1. yes | 0 20,790 0 0 0 | 20,790

2. no | 23,233 0 0 0 0 | 23,233

.d. DK | 0 0 1,696 0 0 | 1,696

.i. IAP | 0 0 0 18,808 0 | 18,808

.n. NA | 0 0 0 0 287 | 287

-----------+-------------------------------------------------------+----------

Total | 23,233 20,790 1,696 18,808 287 | 64,814

. tab absingle absingle\_rs, miss

not | Abortion due to single parent pressure

married | 0. No 1. Yes .d. DK .i. IAP .n. NA | Total

-----------+-------------------------------------------------------+----------

1. yes | 0 19,436 0 0 0 | 19,436

2. no | 24,584 0 0 0 0 | 24,584

.d. DK | 0 0 1,697 0 0 | 1,697

.i. IAP | 0 0 0 18,808 0 | 18,808

.n. NA | 0 0 0 0 289 | 289

-----------+-------------------------------------------------------+----------

Total | 24,584 19,436 1,697 18,808 289 | 64,814

. sum abscale abdefect\_rs-abany\_rs

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

abscale | 45,599 4.074497 2.374024 0 7

abdefect\_rs | 44,152 .7967023 .4024567 0 1

abnomore\_rs | 44,072 .4461336 .4970956 0 1

abhlth\_rs | 44,360 .896055 .3051926 0 1

abpoor\_rs | 44,023 .4722531 .4992352 0 1

-------------+---------------------------------------------------------

abrape\_rs | 43,922 .8138518 .3892306 0 1

absingle\_rs | 44,020 .4415266 .4965747 0 1

abany\_rs | 36,794 .4140349 .4925613 0 1

.

sum abscale, detail

7 item abortion right scale

-------------------------------------------------------------

Percentiles Smallest

1% 0 0

5% 0 0

10% 1 0 Obs 45,599

25% 2 0 Sum of Wgt. 45,599

50% 4 Mean 4.074497

Largest Std. Dev. 2.374024

75% 7 7

90% 7 7 Variance 5.635991

95% 7 7 Skewness -.1463332

99% 7 7 Kurtosis 1.726547

. tab abscale, miss

7 item |

abortion |

right scale | Freq. Percent Cum.

------------+-----------------------------------

0 | 4,123 6.36 6.36

1 | 3,338 5.15 11.51

2 | 4,928 7.60 19.11

3 | 9,437 14.56 33.67

4 | 3,825 5.90 39.58

5 | 2,896 4.47 44.04

6 | 4,856 7.49 51.54

7 | 12,196 18.82 70.35

. | 64 0.10 70.45

DK | 195 0.30 70.75

IAP | 18,808 29.02 99.77

NA | 148 0.23 100.00

------------+-----------------------------------

Total | 64,814 100.00

. list id abscale abdefect\_rs-abany\_rs if missing(abdefect\_rs-abany\_rs) in 1/50, nolabel

+-------------------------------------------------------------------------------------------+

| id abscale abdefe~s abnomo~s abhlth~s abpoor~s abrape~s absing~s abany\_rs |

|-------------------------------------------------------------------------------------------|

1. | 1 6 1 1 1 1 1 1 .i |

2. | 2 4 1 0 1 0 1 1 .i |

3. | 3 6 1 1 1 1 1 1 .i |

4. | 4 4 0 0 1 1 1 1 .i |

5. | 5 6 1 1 1 1 1 1 .i |

|-------------------------------------------------------------------------------------------|

. list id abscale abdefect\_rs-abany\_rs if missing(abrape\_rs) & !missing(absingle\_rs) in 60000/61000, nolabel

+---------------------------------------------------------------------------------------------+

| id abscale abdefe~s abnomo~s abhlth~s abpoor~s abrape~s absing~s abany\_rs |

|---------------------------------------------------------------------------------------------|

60014. | 415 1 .d 0 1 .d .d 0 .n |

60032. | 433 0 0 0 0 0 .d 0 0 |

60033. | 434 1 0 0 1 0 .d 0 .d |

60188. | 589 2 1 0 1 0 .d 0 0 |

60200. | 601 2 1 0 1 0 .n 0 0 |

|---------------------------------------------------------------------------------------------|

. list id abscale abdefect\_rs-abany\_rs if !missing(abdefect\_rs-abany\_rs) in 64800/64810, nolabel

+---------------------------------------------------------------------------------------------+

| id abscale abdefe~s abnomo~s abhlth~s abpoor~s abrape~s absing~s abany\_rs |

|---------------------------------------------------------------------------------------------|

64800. | 2334 7 1 1 1 1 1 1 1 |

64801. | 2335 0 0 0 0 0 .d 0 0 |

64802. | 2336 7 1 1 1 1 1 1 1 |

64804. | 2338 4 1 0 1 0 1 0 1 |

64805. | 2339 2 1 0 0 0 1 0 0 |

|---------------------------------------------------------------------------------------------|

* 1. **(10 pts) Using the reverse-coded and rescaled items for the “confidence in institutions” scale you created in Problem Set #1, create an overall scale (inst\_conf\_scale) based on the sum of these items.** 
     1. **Simple descriptives (exclude “detail” option) of the scale and input items**
     2. **Consistency checks using “list” showing five cases for all three potential outcomes (use “nolabel” to see values only)**
     3. **Code**

**tab confinan\_rev confinan, miss**

**tab conbus\_rev conbus, miss**

**tab conclerg\_rev conclerg, miss**

**tab coneduc\_rev coneduc, miss**

**tab confed\_rev confed, miss**

**tab conlabor\_rev conlabor, miss**

**tab conpress\_rev conpress, miss**

**tab conmedic\_rev conmedic, miss**

**tab contv\_rev contv, miss**

**tab conjudge\_rev conjudge, miss**

**\*Since these are recoded correctly according to the conventions so we will use these for making the scale\***

**sum confinan\_rev-conarmy\_rev**

**tab1 confinan\_rev-conarmy\_rev, miss**

**egen inst\_conf\_scale = rowtotal(confinan\_rev-conarmy\_rev), miss**

**label variable inst\_conf\_scale "7 item Confidence in Inst Scale"**

**tab inst\_conf\_scale, miss**

**replace inst\_conf\_scale =.d if confinan\_rev == .d & conbus\_rev ==.d & conclerg\_rev ==.d &coneduc\_rev ==.d & confed\_rev ==.d &conlabor\_rev ==.d & conpress\_rev ==.d & conmedic\_rev == .d & contv\_rev ==.d & conjudge\_rev ==.d**

**replace inst\_conf\_scale =.n if confinan\_rev == .n & conbus\_rev ==.n & conclerg\_rev ==.n &coneduc\_rev ==.n & confed\_rev ==.n &conlabor\_rev ==.n & conpress\_rev ==.n & conmedic\_rev == .n & contv\_rev ==.n & conjudge\_rev ==.n**

**replace inst\_conf\_scale =.i if confinan\_rev == .i & conbus\_rev ==.i & conclerg\_rev ==.i &coneduc\_rev ==.i & confed\_rev ==.i &conlabor\_rev ==.i & conpress\_rev ==.i & conmedic\_rev == .i & contv\_rev ==.i & conjudge\_rev ==.i**

**label values inst\_conf\_scale yngss\_miss**

**sum inst\_conf\_scale confinan\_rev-conarmy\_rev**

**sum inst\_conf\_scale, detail**

**tab inst\_conf\_scale, miss**

**set more on**

**list id inst\_conf\_scale confinan\_rev-conarmy\_rev if missing(confinan\_rev-conarmy\_rev) in 1/50, nolabel**

**list id inst\_conf\_scale confinan\_rev-conarmy\_rev if missing(contv\_rev) & missing(conclerg\_rev) & !missing(conbus\_rev) in 50000/60000, nolabel**

**list id inst\_conf\_scale confinan\_rev-conarmy\_rev if !missing(confinan\_rev-conarmy\_rev) in 64800/64810, nolabel**

tab confinan\_rev confinan, miss

Confidence in |

Financial | confid in banks & financial institutions

Companies | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 7,917 0 0 0 | 7,917

1. Only Some | 0 22,482 0 0 0 0 | 22,482

2. A Great Deal | 9,827 0 0 0 0 0 | 9,827

.d. DK | 0 0 0 744 0 0 | 744

.i. IAP | 0 0 0 0 23,747 0 | 23,747

.n. NA | 0 0 0 0 0 97 | 97

----------------+------------------------------------------------------------------+----------

Total | 9,827 22,482 7,917 744 23,747 97 | 64,814

. tab conbus\_rev conbus, miss

Confidence in |

Eminent | confidence in major companies

Companies | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 6,472 0 0 0 | 6,472

1. Only Some | 0 25,916 0 0 0 0 | 25,916

2. A Great Deal | 9,896 0 0 0 0 0 | 9,896

.d. DK | 0 0 0 1,663 0 0 | 1,663

.i. IAP | 0 0 0 0 20,759 0 | 20,759

.n. NA | 0 0 0 0 0 108 | 108

----------------+------------------------------------------------------------------+----------

Total | 9,896 25,916 6,472 1,663 20,759 108 | 64,814

. tab conclerg\_rev conclerg, miss

Confidence due | confidence in organized religion

to Religion | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 9,052 0 0 0 | 9,052

1. Only Some | 0 21,692 0 0 0 0 | 21,692

2. A Great Deal | 11,681 0 0 0 0 0 | 11,681

.d. DK | 0 0 0 1,442 0 0 | 1,442

.i. IAP | 0 0 0 0 20,759 0 | 20,759

.n. NA | 0 0 0 0 0 188 | 188

----------------+------------------------------------------------------------------+----------

Total | 11,681 21,692 9,052 1,442 20,759 188 | 64,814

. tab coneduc\_rev coneduc, miss

Confidence due | confidence in education

to Education | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 6,165 0 0 0 | 6,165

1. Only Some | 0 24,242 0 0 0 0 | 24,242

2. A Great Deal | 12,985 0 0 0 0 0 | 12,985

.d. DK | 0 0 0 542 0 0 | 542

.i. IAP | 0 0 0 0 20,759 0 | 20,759

.n. NA | 0 0 0 0 0 121 | 121

----------------+------------------------------------------------------------------+----------

Total | 12,985 24,242 6,165 542 20,759 121 | 64,814

. tab confed\_rev confed, miss

Confidence in |

Fed Gov | confid. in exec branch of fed govt

Branches | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 14,033 0 0 0 | 14,033

1. Only Some | 0 21,768 0 0 0 0 | 21,768

2. A Great Deal | 6,938 0 0 0 0 0 | 6,938

.d. DK | 0 0 0 1,190 0 0 | 1,190

.i. IAP | 0 0 0 0 20,759 0 | 20,759

.n. NA | 0 0 0 0 0 126 | 126

----------------+------------------------------------------------------------------+----------

Total | 6,938 21,768 14,033 1,190 20,759 126 | 64,814

. tab conlabor\_rev conlabor, miss

Confidence in | confidence in organized labor

Labor | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 13,122 0 0 0 | 13,122

1. Only Some | 0 23,240 0 0 0 0 | 23,240

2. A Great Deal | 5,117 0 0 0 0 0 | 5,117

.d. DK | 0 0 0 2,449 0 0 | 2,449

.i. IAP | 0 0 0 0 20,759 0 | 20,759

.n. NA | 0 0 0 0 0 127 | 127

----------------+------------------------------------------------------------------+----------

Total | 5,117 23,240 13,122 2,449 20,759 127 | 64,814

. tab conpress\_rev conpress, miss

Confidence in | confidence in press

Press | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 13,886 0 0 0 | 13,886

1. Only Some | 0 22,578 0 0 0 0 | 22,578

2. A Great Deal | 6,623 0 0 0 0 0 | 6,623

.d. DK | 0 0 0 849 0 0 | 849

.i. IAP | 0 0 0 0 20,759 0 | 20,759

.n. NA | 0 0 0 0 0 119 | 119

----------------+------------------------------------------------------------------+----------

Total | 6,623 22,578 13,886 849 20,759 119 | 64,814

. tab conmedic\_rev conmedic, miss

Confidence in | confidence in medicine

Medics | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 3,903 0 0 0 | 3,903

1. Only Some | 0 19,766 0 0 0 0 | 19,766

2. A Great Deal | 19,815 0 0 0 0 0 | 19,815

.d. DK | 0 0 0 459 0 0 | 459

.i. IAP | 0 0 0 0 20,759 0 | 20,759

.n. NA | 0 0 0 0 0 112 | 112

----------------+------------------------------------------------------------------+----------

Total | 19,815 19,766 3,903 459 20,759 112 | 64,814

. tab contv\_rev contv, miss

Confidence in | confidence in television

Televison | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 14,641 0 0 0 | 14,641

1. Only Some | 0 22,979 0 0 0 0 | 22,979

2. A Great Deal | 5,676 0 0 0 0 0 | 5,676

.d. DK | 0 0 0 621 0 0 | 621

.i. IAP | 0 0 0 0 20,759 0 | 20,759

.n. NA | 0 0 0 0 0 138 | 138

----------------+------------------------------------------------------------------+----------

Total | 5,676 22,979 14,641 621 20,759 138 | 64,814

. tab conjudge\_rev conjudge, miss

Confidence in | confid. in united states supreme court

Judiciary | 1. a grea 2. only s 3. hardly .d. DK .i. IAP .n. NA | Total

----------------+------------------------------------------------------------------+----------

0. Hardly Any | 0 0 6,503 0 0 0 | 6,503

1. Only Some | 0 22,238 0 0 0 0 | 22,238

2. A Great Deal | 13,436 0 0 0 0 0 | 13,436

.d. DK | 0 0 0 1,740 0 0 | 1,740

.i. IAP | 0 0 0 0 20,760 0 | 20,760

.n. NA | 0 0 0 0 0 137 | 137

----------------+------------------------------------------------------------------+----------

Total | 13,436 22,238 6,503 1,740 20,760 137 | 64,814

. \*Since these are recoded correctly according to the conventions so we will use these for making the scale\*

. sum confinan\_rev-conarmy\_rev

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

confinan\_rev | 40,226 1.047482 .6624682 0 2

conbus\_rev | 42,284 1.080976 .6168862 0 2

conclerg\_rev | 42,425 1.061968 .6963254 0 2

coneduc\_rev | 43,392 1.157172 .6454705 0 2

confed\_rev | 42,739 .8339924 .6805353 0 2

-------------+---------------------------------------------------------

conlabor\_rev | 41,479 .8070108 .6344142 0 2

conpress\_rev | 43,087 .8314341 .6690189 0 2

conmedic\_rev | 43,484 1.365928 .6415204 0 2

contv\_rev | 43,296 .792937 .6529877 0 2

conjudge\_rev | 42,177 1.164379 .6676346 0 2

-------------+---------------------------------------------------------

consci\_rev | 40,784 1.356807 .6121747 0 2

conlegis\_rev | 42,706 .8020185 .6337328 0 2

conarmy\_rev | 42,796 1.295098 .6686653 0

tab inst\_conf\_scale, miss

7 item |

Confidence |

in Inst |

Scale | Freq. Percent Cum.

------------+-----------------------------------

0 | 128 0.20 0.20

1 | 138 0.21 0.41

2 | 222 0.34 0.75

3 | 305 0.47 1.22

4 | 499 0.77 1.99

5 | 731 1.13 3.12

6 | 999 1.54 4.66

7 | 1,438 2.22 6.88

8 | 1,904 2.94 9.82

9 | 2,541 3.92 13.74

10 | 3,062 4.72 18.46

11 | 3,600 5.55 24.02

12 | 4,128 6.37 30.39

13 | 4,451 6.87 37.25

14 | 3,811 5.88 43.13

15 | 3,384 5.22 48.36

16 | 2,972 4.59 52.94

17 | 2,453 3.78 56.73

18 | 1,976 3.05 59.77

19 | 1,533 2.37 62.14

20 | 1,167 1.80 63.94

21 | 836 1.29 65.23

22 | 633 0.98 66.21

23 | 412 0.64 66.84

24 | 305 0.47 67.31

25 | 143 0.22 67.53

26 | 143 0.22 67.75

. | 20,900 32.25 100.00

------------+-----------------------------------

Total | 64,814 100.00

sum inst\_conf\_scale confinan\_rev-conarmy\_rev

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

inst\_conf\_~e | 43,914 13.11429 4.510294 0 26

confinan\_rev | 40,226 1.047482 .6624682 0 2

conbus\_rev | 42,284 1.080976 .6168862 0 2

conclerg\_rev | 42,425 1.061968 .6963254 0 2

coneduc\_rev | 43,392 1.157172 .6454705 0 2

-------------+---------------------------------------------------------

confed\_rev | 42,739 .8339924 .6805353 0 2

conlabor\_rev | 41,479 .8070108 .6344142 0 2

conpress\_rev | 43,087 .8314341 .6690189 0 2

conmedic\_rev | 43,484 1.365928 .6415204 0 2

contv\_rev | 43,296 .792937 .6529877 0 2

-------------+---------------------------------------------------------

conjudge\_rev | 42,177 1.164379 .6676346 0 2

consci\_rev | 40,784 1.356807 .6121747 0 2

conlegis\_rev | 42,706 .8020185 .6337328 0 2

conarmy\_rev | 42,796 1.295098 .6686653 0 2

. sum inst\_conf\_scale, detail

7 item Confidence in Inst Scale

-------------------------------------------------------------

Percentiles Smallest

1% 2 0

5% 6 0

10% 7 0 Obs 43,914

25% 10 0 Sum of Wgt. 43,914

50% 13 Mean 13.11429

Largest Std. Dev. 4.510294

75% 16 26

90% 19 26 Variance 20.34275

95% 21 26 Skewness .0449713

99% 24 26 Kurtosis 3.054599

. tab inst\_conf\_scale, miss

7 item |

Confidence |

in Inst |

Scale | Freq. Percent Cum.

------------+-----------------------------------

0 | 128 0.20 0.20

1 | 138 0.21 0.41

2 | 222 0.34 0.75

3 | 305 0.47 1.22

4 | 499 0.77 1.99

5 | 731 1.13 3.12

6 | 999 1.54 4.66

7 | 1,438 2.22 6.88

8 | 1,904 2.94 9.82

9 | 2,541 3.92 13.74

10 | 3,062 4.72 18.46

11 | 3,600 5.55 24.02

12 | 4,128 6.37 30.39

13 | 4,451 6.87 37.25

14 | 3,811 5.88 43.13

15 | 3,384 5.22 48.36

16 | 2,972 4.59 52.94

17 | 2,453 3.78 56.73

18 | 1,976 3.05 59.77

19 | 1,533 2.37 62.14

20 | 1,167 1.80 63.94

21 | 836 1.29 65.23

22 | 633 0.98 66.21

23 | 412 0.64 66.84

24 | 305 0.47 67.31

25 | 143 0.22 67.53

26 | 143 0.22 67.75

. | 21 0.03 67.79

.d. DK | 74 0.11 67.90

.i. IAP | 20,759 32.03 99.93

.n. NA | 46 0.07 100.00

------------+-----------------------------------

Total | 64,814 100.00

list id inst\_conf\_scale confinan\_rev-conarmy\_rev if missing(confinan\_rev-conarmy\_rev) in 1/50, nolabel

+-----------------------------------------------------------------------------------------------------------------------------+

1. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v | conjud~v |

| 1 | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i |

|-----------------------------------------------------------------------------------------------------------------------------|

| consci~v | conleg~v | conarm~v |

| .i | .i | .i |

+-----------------------------------------------------------------------------------------------------------------------------+

+-----------------------------------------------------------------------------------------------------------------------------+

2. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v | conjud~v |

| 2 | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i |

|-----------------------------------------------------------------------------------------------------------------------------|

| consci~v | conleg~v | conarm~v |

| .i | .i | .i |

+-----------------------------------------------------------------------------------------------------------------------------+

+-----------------------------------------------------------------------------------------------------------------------------+

3. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v | conjud~v |

| 3 | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i |

|-----------------------------------------------------------------------------------------------------------------------------|

| consci~v | conleg~v | conarm~v |

| .i | .i | .i |

+-----------------------------------------------------------------------------------------------------------------------------+

+-----------------------------------------------------------------------------------------------------------------------------+

4. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v | conjud~v |

| 4 | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i |

|-----------------------------------------------------------------------------------------------------------------------------|

| consci~v | conleg~v | conarm~v |

| .i | .i | .i |

+-----------------------------------------------------------------------------------------------------------------------------+

+-----------------------------------------------------------------------------------------------------------------------------+

5. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v | conjud~v |

| 5 | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i | .i |

|-----------------------------------------------------------------------------------------------------------------------------|

| consci~v | conleg~v | conarm~v |

| .i | .i | .i |

+-----------------------------------------------------------------------------------------------------------------------------+

list id inst\_conf\_scale confinan\_rev-conarmy\_rev if missing(contv\_rev) & missing(conclerg\_rev) & !missing(conbus\_rev) in 50000/6000

> 0, nolabel

+--------------------------------------------------------------------------------------------------------------------+

50738. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 4228 | 11 | .d | 1 | .d | 1 | 1 | 1 | 1 | 1 | .d |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| 1 | 2 | 1 | 1 |

+--------------------------------------------------------------------------------------------------------------------+

+--------------------------------------------------------------------------------------------------------------------+

51030. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 10 | 7 | .d | 1 | .d | 2 | .d | .d | 1 | 1 | .d |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| .d | .d | 1 | 1 |

+--------------------------------------------------------------------------------------------------------------------+

+--------------------------------------------------------------------------------------------------------------------+

51604. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 584 | 1 | .d | 1 | .d | .d | .d | .d | .d | .d | .d |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| .d | .d | .d | .d |

+--------------------------------------------------------------------------------------------------------------------+

+--------------------------------------------------------------------------------------------------------------------+

51685. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 665 | 10 | 1 | 1 | .d | 1 | .d | .d | 2 | 2 | .d |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| .d | 1 | .d | 2 |

+--------------------------------------------------------------------------------------------------------------------+

+--------------------------------------------------------------------------------------------------------------------+

51831. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 811 | 6 | 1 | 1 | .d | 0 | 0 | 1 | 0 | 1 | .d |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| 0 | 1 | 0 | 1 |

+--------------------------------------------------------------------------------------------------------------------+

list id inst\_conf\_scale confinan\_rev-conarmy\_rev if !missing(confinan\_rev-conarmy\_rev) in 64800/64810, nolabel

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64801. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 2335 | 10 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 0 |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| 1 | 1 | 1 | 1 |

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64803. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 2337 | 15 | 2 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 1 |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| 1 | 2 | 1 | 2 |

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64805. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 2339 | 15 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 1 | 1 |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| 1 | 2 | 0 | 2 |

+--------------------------------------------------------------------------------------------------------------------+

+--------------------------------------------------------------------------------------------------------------------+

64807. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 2341 | 12 | 1 | 1 | 1 | 1 | .d | 2 | 1 | 1 | 1 |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| 1 | 1 | .d | 1 |

+--------------------------------------------------------------------------------------------------------------------+

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64809. | id | inst\_c~e | confin~v | conbus~v | concle~v | conedu~v | confed~v | conlab~v | conpre~v | conmed~v | contv\_~v |

| 2343 | 16 | 1 | 1 | 0 | 2 | 2 | 2 | 0 | 1 | 0 |

|----------------------------+---------------------------------------------------------------------------------------|

| conjud~v | consci~v | conleg~v | conarm~v |

| 2 | 2 | 1 | 2 |

+--------------------------------------------------------------------------------------------------------------------+