UK Data Service

Crime Survey for England and Wales 2013-2014: Unrestricted Access Teaching Dataset

User guide

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Contents

Background to the Crime Survey for England and Wales (CSEW)

The Crime Survey for England and Wales (CSEW) is a face-to-face victimisation survey in which people resident in households in England and Wales are asked about their experiences of a range of crimes in the 12 months prior to the interview. Respondents to the survey are also asked about their perceptions of crime and attitudes towards crime related issues such as the police and criminal justice system.

Previously known as the *British Crime Survey* (BCS), the survey was first conducted in 1982. In 2001, the then BCS, moved to an annual format with continuous sampling. The survey now only covers England and Wales with separate surveys of Scotland and Northern Ireland. However, the first and third surveys were carried out in England, Wales and Scotland (hence 'British' Crime Survey).

The CSEW uses the Postcode Address File (PAF) to select a representative sample of households in England and Wales. The CSEW does not cover the population living in group residences (such as halls of residence and prisons) or other institutions, nor does it cover crime against commercial or public sector bodies.

The core sample size has increased over the years from around 11,000 in the earlier cycles to 35,371 in the 2013/14 CSEW.

Fieldwork

At each sampled address the interviewer establishes that the address is eligible; ineligible addresses include vacant properties, second homes, non-residential addresses and establishments where people are living in group residences. If one PAF address leads to two households, the interviewer randomly selects which household to approach. Once the household is determined to be eligible, individuals aged 16 or over in the selected household are listed and one adult is randomly selected for interview. No substitutes are permitted.

Face-to-face interviews are carried out using computer-assisted personal interviewing (CAPI) where interviewers record responses to the questionnaire on tablet computers. Self-completion modules are used in the CSEW to collect information on topic areas that respondents could feel uncomfortable talking about to an interviewer.

The questionnaire

The CSEW questionnaire consists of question modules such as victimization, anti-social behavior and demographic characteristics of the respondent and household.

Within modules there can also be further filtering with so that some questions are only asked of smaller sub-samples. Respondents are randomly allocated into one of four sub-samples, A, B, C or D which each represent around a quarter of the overall sample.

Further information about CSEW can be found on the Office for National Statistics' Crime Survey for England and Wales webpage.

Crime Survey for England and Wales (CSEW) 2013-2014 Unrestricted Access Teaching Dataset

This teaching dataset is based on the Crime Survey for England and Wales (CSEW) 2013-2014.
It contains data for 8,843 cases selected at random from the CSEW 2013-14 (adult non-victim form dataset), which is 25 percent of the original 35,371[1].

Variables
The dataset contains 32 variables, covering the following topics:

- demographic details
- perceptions of crime module
- experience of crime
- antisocial behavior

All the variables within the dataset are individual level variables and require individual based analysis. There is a mix of discrete and continuous variables. A full list of variable names and labels is on page 6 and variable frequencies are provided from page 7.

Most of the variables come directly from the CSEW 2013-14 dataset deposited at the UK Data archive. The documentation for the CSEW 2013-2014 includes a copy of the questionnaire.

Derived variables
The dataset contains new scalar variables for teaching and learning. They each provide measures of key concepts and have been derived from multiple variables from the CSEW 2013-14 (using principal components analysis). For example, *worryx* measures worry about crime and comes from five variables relating to worries about a range of crimes: *wburgl wmugged wraped wattack wraceatt.* For this variable, a higher score indicate a higher level of worry. The teaching dataset contains all the original variables used to create the new scalar variables (and as a result, users should note that the scalar variables should not be used as if they are independent of the variables used to create them).

The dataset also contains the following changes from the original CSEW dataset.

1. The variables measuring the deprivation of respondents' local area are deprivation quintiles, which rank areas into five groups indicating the most to least deprived. These have been calculated from deprivation deciles in the main CSEW 2013-2014 dataset.
2. The original CSEW weighting variable for individual level analyses (c11cindivwgt), which adjusts for unequal probabilities and non-response, has been scaled to have a mean of 1.

All variables created specifically for this dataset are suffixed with an x and the Stata script used to create the extra variables from the original crime survey can be found on page 17.

[1] A sub-sample was selected in order to make the data available under an Open Government Licence. The sub-sample was taken a random and without replacement using the sample command in Stata.

How to obtain the CSEW 2013-2014 Unrestricted Access Teaching Dataset

The CSEW 2013-2014 Unrestricted Access Teaching Dataset is open access, and can be simply downloaded from the UK Data Service. The Teaching Dataset is available in two formats: SPSS and Stata.

Weighting the dataset

The Teaching Dataset contains an individual level weight called IndivWgtx. Weights adjust for unequal selection probabilities and non-response and users of the data should use the appropriate weight.

Missing values within the dataset

Don't know and refusal

When asked a question, survey respondents may respond 'do not know' or refuse to answer. Such responses are recorded using specific codes; for example, don't know is often coded as 9. It is useful to get variable frequencies first in any analysis to examine the distribution of responses and the proportion of 'don't know' and 'refusal' responses. In most analysis, 'refusal' codes are excluded. 'Don't know' codes are also usually excluded unless there is interest in 'don't know' responses such as in the case of attitudinal questions. In the SPSS version of this teaching dataset do not know responses and refusals are set as missing values.

System missing

Variables within the dataset can contain empty cells where no data is recorded. In SPSS empty cell are automatically coded as 'system missing' which is denoted by a dot (.). In STATA 'system missing' data are also denoted by a dot (.). For some variables in the dataset, only a sub-set of respondents were asked the question due to the modular design of the survey (see the discussion of the Questionnaire above). Where the question was not asked, a system missing response is recorded and therefore some variables have a large number of system missing responses.

Notes for teachers

This dataset has been designed for teaching purposes only. As the data comes from SN 7616 Crime Survey for England and Wales 2013-2014 weighted analyses can be taken to be representative of England and Wales as a whole. Students may therefore use these results to discuss crime-related statistics and attitudes to the Criminal Justice System at the national level in their reports while they learn about statistics, statistics packages and large-scale national surveys.

Please use the original for all non- teaching purposes. The full dataset is available for download (after registration) from the UK Data Service website: www.ukdataservice.ac.uk.

The Teaching Dataset is available under the Open Government Licence. For more information about making it available to your students, see the pages about using teaching data with your class here: http://ukdataservice.ac.uk/use-data/teaching/practical-resources.aspx

List of variables in the CSEW 2013-2014 Unrestricted Access Teaching Dataset

Variable names and labels correspond to the main CSEW 2013-2014 dataset, where applicable. Variables derived for this teaching dataset are suffixed with an 'x'.

For variables from question modules asked to only specific sub-samples, the sub-samples are indicated in brackets after the variable label.

Variable name	Variable label
Background, demographic and weighting variables	
rowlabel	Case identifier (9 digits)
split	Follow-up module split
sex	Adult number 1 (respondent): Sex
yrsarea	How long lived in this area
resyrago	Living at this address 12 months ago or not
work2	Any paid work in last week
tenure1	In which way do you occupy this accommodation
livharm1	ONS harmonised marital status
agegrp7	Age group (7 bands)
ethgrp2a	Ethnic Group (5 categories)
educat3	Respondent education (5 categories)
rural2	Type of area 2004: urban/rural
edeprivex	England: Index of multiple deprivation by quintile (1=20% most deprived wards)
wdeprivex	Wales: Index of multiple deprivation by quintile (1=20%most deprived wards)
IndivWgtx	Individual-level weight (mean=1)
Experience and perceptions of crime	
Cause2m	One MAIN cause of crime in Britain today (Module D)
walkdark	How safe do you feel walking alone after dark(Module D)
walkday	How safe do you feel walking alone in this area during the day(Module D)
homealon	How safe do you feel when alone in home at night(Module D)
wburgl	How worried about having your home broken into (Module C)
wmugged	How worried about being mugged and robbed(Module C)
wcarstol	How worried about having car stolen(Module B)
wfromcar	How worried about having things stolen from your car (Module B)
wraped	How worried about being raped (Module C)
wattack	How worried about being physically attacked by strangers (Module C)
wraceatt	How worried about being attacked because of skin colour, ethnic origin or religion (Module C)
worryx	Worry about being a victim of crime (high score = high level of worry) (Module C) [Derived from wburgl wmugged wraped wattack wraceatt]
bcsvictim	Experience of any crime in the previous 12 months
Anti-social behaviour	
rubbcomm	How common is litter or rubbish in immediate area
vandcomm	How common is vandalism or graffiti in immediate area
poorhou	How common are homes in poor condition/run down
antisocx	Anti-social behaviour in their neighbourhood (high score =high levels of anti-social behaviour)

Codebook

```
--------------------------------------------------------------------------------
rowlabel
Case identifier (9 digits)
--------------------------------------------------------------------------------

                  type:  numeric (double)

                 range:  [1.352e+08,1.476e+08]        units:  10
         unique values:  8,843                    missing .:  0/8,843

                  mean:   1.4e+08
             std. dev:   4.4e+06

           percentiles:        10%       25%       50%       75%       90%
                            1.4e+08   1.4e+08   1.4e+08   1.4e+08   1.5e+08

--------------------------------------------------------------------------------
split
Follow-up module split
--------------------------------------------------------------------------------

                  type:  numeric (double)
                 label:  split

                 range:  [1,4]                        units:  1
         unique values:  4                        missing .:  0/8,843

            tabulation:  Freq.   Numeric  Label
                         2,308         1  A (Experience of the poilice)
                         2,267         2  B (Attitudes to the CJS)
                         2,194         3  C (Crime preventing)
                         2,074         4  D (Online security)

--------------------------------------------------------------------------------
sex
Adult number 1 (respondent): Sex
--------------------------------------------------------------------------------

                  type:  numeric (double)
                 label:  sex

                 range:  [1,2]                        units:  1
         unique values:  2                        missing .:  0/8,843

            tabulation:  Freq.   Numeric  Label
                         4,037         1  Male
                         4,806         2  Female
```

```
-------------------------------------------------------------------------------
yrsarea
How long lived in this area?
-------------------------------------------------------------------------------

                 type:  numeric (double)
                label:  yrsarea

                range:  [1,9]                        units:  1
        unique values:  8                    missing .:  0/8,843

           tabulation:  Freq.   Numeric  Label
                          502         1  Less than a month
                          484         2  12 months but less than 2 years
                          451         3  2 years but less than 3 years
                          597         4  3 years but less than 5 years
                        1,225         5  5 years but less than 10 years
                        1,686         6  10 years but less than 20 years
                        3,897         7  20 years or longer
                            1         9  Don't know

-------------------------------------------------------------------------------
resyrago
Living at this address 12 months ago or not?
-------------------------------------------------------------------------------

                 type:  numeric (double)
                label:  resyrago

                range:  [1,2]                        units:  1
        unique values:  2                    missing .:  7,334/8,843

           tabulation:  Freq.   Numeric  Label
                          652         1  Yes
                          857         2  No
                        7,334         .

-------------------------------------------------------------------------------
work2
Any paid work in last week?
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  work2

                range:  [1,8]                        units:  1
        unique values:  3                    missing .:  0/8,843

           tabulation:  Freq.   Numeric  Label
                        4,703         1  Yes
                        4,138         2  No
                            2         8  Refusal
```

```
-------------------------------------------------------------------------------
tenure1                                                                      In
which way do you occupy this accommodation?
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  tenure1

                range:  [1,9]                        units:  1
        unique values:  8                    missing .:  0/8,843

           tabulation:  Freq.   Numeric  Label
                        3,059         1  Own it outright
                        2,515         2  Buying it with help of mortgage/loan
                           50         3  Pay part rent part mortgage
                        2,914         4  Rent it
                          281         5  Live here rent free
                            1         6  Squatting
                           11         8  Refusal
                           12         9  Don't know

-------------------------------------------------------------------------------
livharm1
Respondent marital status
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  livharm1

                range:  [-1,6]                       units:  1
        unique values:  7                    missing .:  0/8,843

           tabulation:  Freq.   Numeric  Label
                           13        -1  Not classified
                        3,931         1  Married
                          893         2  Cohabiting
                        1,988         3  Single
                          314         4  Separate
                          800         5  Divorced
                          904         6  Widowed

-------------------------------------------------------------------------------
agegrp7
Age group (7 bands)
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  agegrp7

                range:  [1,7]                        units:  1
        unique values:  7                    missing .:  0/8,843

           tabulation:  Freq.   Numeric  Label
                          685         1  16-24
                        1,359         2  25-34
                        1,442         3  35-44
                        1,515         4  45-54
                        1,428         5  55-64
                        1,315         6  65-74
                        1,099         7  75+
```

```
-------------------------------------------------------------------------------
ethgrp2a
Ethnic Group (5 categories)
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  ethgrp2a

                range:  [1,5]                        units:  1
        unique values:  5                    missing .:  10/8,843

           tabulation:  Freq.   Numeric  Label
                        7,954         1  White
                           88         2  Mixed
                          403         3  Asian or Asian British
                          288         4  Black or Black British
                          100         5  Chinese
                           10         .
-------------------------------------------------------------------------------
educat3
Respondent education (5 categories)
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  educat3

                range:  [1,5]                        units:  1
        unique values:  5                    missing .:  21/8,843

           tabulation:  Freq.   Numeric  Label
                        1,818         1  None
                        1,751         2  O level/GCSE
                        1,592         3  Apprenticeship or A/AS level
                        3,287         4  Degree or diploma
                          374         5  Other
                           21         .
-------------------------------------------------------------------------------
rural2
Type of area 2004: urban/rural
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  rural2

                range:  [1,2]                        units:  1
        unique values:  2                    missing .:  0/8,843

           tabulation:  Freq.   Numeric  Label
                        6,755         1  Urban
                        2,088         2  Rural
-------------------------------------------------------------------------------
edeprivex
England: Index of multiple deprivation by quintile (1=20% most deprived wards)
-------------------------------------------------------------------------------

                 type:  numeric (float)

                range:  [1,5]                        units:  1
        unique values:  5                    missing .:  703/8,843

           tabulation:  Freq.  Value
                        1,521  1
                        1,595  2
                        1,689  3
                        1,665  4
                        1,670  5
                          703  .
```

```
-------------------------------------------------------------------------------
wdeprivex
Wales: Index of multiple deprivation by quintile (1=20% most deprived wards)
-------------------------------------------------------------------------------
                  type:  numeric (float)

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  8,140/8,843

            tabulation:  Freq.  Value
                           119  1
                           130  2
                           164  3
                           172  4
                           118  5
                         8,140  .

-------------------------------------------------------------------------------
IndivWgtx
Individual-level weight (mean=1)
-------------------------------------------------------------------------------
                  type:  numeric (float)

                 range:  [.21917011,5.1739893]        units:  1.000e-08
         unique values:  8,822                    missing .:  0/8,843

                  mean:    .99572
             std. dev:   .624757

           percentiles:        10%       25%       50%       75%       90%
                            .41893   .572498   .821092   1.23573   1.70401

-------------------------------------------------------------------------------
cause2m
One MAIN cause of crime in Britain today?
-------------------------------------------------------------------------------
                  type:  numeric (double)
                 label:  cause2m

                 range:  [1,99]                       units:  1
         unique values:  14                       missing .:  6,769/8,843

              examples:  9     I. Too few police
                         .

-------------------------------------------------------------------------------
walkdark
How safe do you feel walking alone after dark?
-------------------------------------------------------------------------------
                  type:  numeric (double)
                 label:  walkdark

                 range:  [1,9]                        units:  1
         unique values:  5                        missing .:  6,769/8,843

            tabulation:  Freq.   Numeric  Label
                           624         1  Very safe
                           824         2  Fairly safe
                           411         3  A bit unsafe
                           198         4  Very unsafe
                            17         9  Don't know
                         6,769         .

-------------------------------------------------------------------------------
walkday
```

```
How safe do you feel walking alone in this area during the day?
-------------------------------------------------------------------------------
                  type:  numeric (double)
                 label:  walkday

                 range:  [1,9]                        units:  1
         unique values:  5                        missing .:  6,769/8,843

            tabulation:  Freq.   Numeric  Label
                         1,573         1  Very safe
                           438         2  Fairly safe
                            50         3  A bit unsafe
                            10         4  Very unsafe
                             3         9  Don't know
                         6,769         .

-------------------------------------------------------------------------------
----------------------------
homealon
How safe do you feel when alone in home at night?
-------------------------------------------------------------------------------
                  type:  numeric (double)
                 label:  homealon

                 range:  [1,9]                        units:  1
         unique values:  5                        missing .:  6,769/8,843

            tabulation:  Freq.   Numeric  Label
                         1,358         1  Very safe
                           578         2  Fairly safe
                           109         3  A bit unsafe
                            27         4  Very unsafe
                             2         9  Don't know
                         6,769         .

-------------------------------------------------------------------------------
wburgl
How worried about having your home broken into?
-------------------------------------------------------------------------------
                  type:  numeric (double)
                 label:  wburgl

                 range:  [1,9]                        units:  1
         unique values:  6                        missing .:  6,649/8,843

            tabulation:  Freq.   Numeric  Label
                           225         1  Very worried
                           595         2  Fairly worried
                         1,040         3  Not very worried
                           332         4  Not at all worried
                             1         5  (Not applicable)
                             1         9  Don't know
                         6,649         .
```

```
-------------------------------------------------------------------------------
wmugged
How worried about being mugged and robbed?
-------------------------------------------------------------------------------

                 type:  numeric (double)
                label:  wmugged

                range:  [1,9]                        units:  1
        unique values:  6                    missing .:  6,649/8,843

           tabulation:  Freq.   Numeric  Label
                          167         1  Very worried
                          412         2  Fairly worried
                        1,088         3  Not very worried
                          514         4  Not at all worried
                            4         5  (Not applicable)
                            9         9  Don't know
                        6,649         .

-------------------------------------------------------------------------------
wcarstol
How worried about having car stolen?
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  wcarstol

                range:  [1,5]                        units:  1
        unique values:  5                    missing .:  7,080/8,843

           tabulation:  Freq.   Numeric  Label
                           98         1  Very worried
                          284         2  Fairly worried
                          896         3  Not very worried
                          455         4  Not at all worried
                           30         5  (Not applicable)
                        7,080         .

-------------------------------------------------------------------------------
wfromcar
How worried about having things stolen from your car?
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  wfromcar

                range:  [1,9]                        units:  1
        unique values:  5                    missing .:  7,110/8,843

           tabulation:  Freq.   Numeric  Label
                           93         1  Very worried
                          347         2  Fairly worried
                          874         3  Not very worried
                          418         4  Not at all worried
                            1         9  Don't know
                        7,110         .
```

```
-------------------------------------------------------------------------------
wraped
How worried about being raped?
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  wraped

                range:  [1,9]                        units:  1
        unique values:  6                    missing .:  6,649/8,843

           tabulation:  Freq.   Numeric  Label
                          152         1  Very worried
                          179         2  Fairly worried
                          691         3  Not very worried
                        1,083         4  Not at all worried
                           78         5  (Not applicable)
                           11         9  Don't know
                        6,649         .

-------------------------------------------------------------------------------
wattack
How worried about being physically attacked by strangers?
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  wattack

                range:  [1,9]                        units:  1
        unique values:  6                    missing .:  6,649/8,843

           tabulation:  Freq.   Numeric  Label
                          175         1  Very worried
                          394         2  Fairly worried
                        1,033         3  Not very worried
                          581         4  Not at all worried
                            2         5  (Not applicable)
                            9         9  Don't know
                        6,649         .

-------------------------------------------------------------------------------
wraceatt
How worried about being attacked because of skin colour, ethnic origin or religion?
-------------------------------------------------------------------------------
                 type:  numeric (double)
                label:  wraceatt

                range:  [1,9]                        units:  1
        unique values:  6                    missing .:  6,649/8,843

           tabulation:  Freq.   Numeric  Label
                           78         1  Very worried
                          132         2  Fairly worried
                          611         3  Not very worried
                        1,296         4  Not at all worried
                           67         5  (Not applicable)
                           10         9  Don't know
                        6,649         .
```

```
-------------------------------------------------------------------------------
worryx
 Worry about being a victim of crime (high score = high level of worry)
-------------------------------------------------------------------------------
                  type:  numeric (float)

                 range:  [-2.9023592,1.3885418]       units:  1.000e-11
         unique values:  294                      missing .:  6,796/8,843

                  mean:   .023542
             std. dev:   .966015

           percentiles:        10%       25%       50%       75%       90%
                            -1.2253  -.360114   .226307   .770854    1.1319

-------------------------------------------------------------------------------
bcsvictim
Experience of any crime in the previous 12 months?
-------------------------------------------------------------------------------

                  type:  numeric (double)
                 label:  bcsvicti

                 range:  [0,1]                        units:  1
         unique values:  2                        missing .:  0/8,843

            tabulation:  Freq.   Numeric  Label
                         7,460         0  Not a victim of crime
                         1,383         1  Victim of crime

-------------------------------------------------------------------------------
rubbcomm
How common is litter or rubbish in immediate area?
-------------------------------------------------------------------------------
                  type:  numeric (double)
                 label:  rubbcomm

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/8,843

            tabulation:  Freq.   Numeric  Label
                           103         1  Very common
                           786         2  Fairly common
                         3,258         3  Not very common
                         4,682         4  Not at all common
                            14         5  Not coded

-------------------------------------------------------------------------------
vandcomm
How common is vandalism or graffiti in immediate area?
-------------------------------------------------------------------------------

                  type:  numeric (double)
                 label:  vandcomm

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/8,843

            tabulation:  Freq.   Numeric  Label
                            36         1  Very common
                           202         2  Fairly common
                         2,434         3  Not very common
                         6,156         4  Not at all common
                            15         5  Not coded
```

```
-------------------------------------------------------------------------------
poorhou
How common are homes in poor co conditions/run down?
-------------------------------------------------------------------------------

                  type:  numeric (double)
                 label:  poorhou

                 range:  [1,5]                        units:  1
         unique values:  5                        missing .:  0/8,843

            tabulation:  Freq.   Numeric  Label
                            48         1  Very common
                           438         2  Fairly common
                         3,000         3  Not very common
                         5,331         4  Not at all common
                            26         5  Not coded

-------------------------------------------------------------------------------
antisocx
Anti-social behaviour in their neighbourhood (high score = high levels of anti-
social behavior)
-------------------------------------------------------------------------------
                  type:  numeric (float)

                 range:  [-4.0145574,1.2152667]       units:  1.000e-12
         unique values:  738                      missing .:  6,694/8,843

                  mean:   .007498
             std. dev:   .991067

           percentiles:        10%       25%       50%       75%       90%
                         -1.42235  -.528008   .184597   .788219   1.21527
```

Code for additional variables

Extract from STATA do. file used to create additional variables

```
*** Revise individual and household weights, mean=1 and drop the original variables
gen IndivWgtx=c11Indiv/1280.213
label variable IndivWgtx "Individual-level weight (mean=1)"
drop c11Indiv
gen HhdWgtx= c11HhdWg/674.91
label variable HhdWgtx "Household-level weight (mean=1)"
drop c11HhdWg

** Create indices of multiple deprivation in England and Wales by quintile and drop
the original variables
gen edeprivex=emdidec3
recode edeprivex 1/2=1 3/4=2 5/6=3 7/8=4 9/10=5
label variable edeprivex "England: Index of multiple deprivation by quintile (1=20%
most deprived wards)"
gen wdeprivex=wmdidec4
recode wdeprivex 1/2=1 3/4=2 5/6=3 7/8=4 9/10=5
label variable wdeprivex "Wales: Index of multiple deprivation by quintile (1=20%
most deprived wards)"
drop emdidec3
drop wmdidec4

*** Create new scalar variables using pca
**Worries about crime - use variables from Module C
codebook wburgl wmugged wraped wattack wraceatt
mvdecode wburgl wmugged wraped wattack wraceatt, mv(5=.c)
factor wburgl wmugged wraped wattack wraceatt, pcf
predict worryx
label var worryx "Worry about being a victim of crime (high score = high level of
worry)"

**Anti-social behaviour in their neighbourhood
codebook noisneig teenhang rubbish vandals druguse drunk abancar
factor noisneig teenhang rubbish vandals druguse drunk abancar, pcf
rotate
predict antisocx
label var antisocx "Anti-social behaviour in their neighbourhood (high score = high
levels of anti- social behaviour)"

**Effectiveness of Criminal Justice System
codebook cjspolb cjscpsb cjscrt2a cjscrt2b cjsps1b cjsps2b
factor cjspolb cjscpsb cjscrt2a cjscrt2b cjsps1b cjsps2b, pcf
predict effectx
label var effectx "Effectiveness of Criminal Justice System (high score= high
opinion)"

**Fairness of Criminal Justice System
codebook fairatt1-fairatt7
factor fairatt1-fairatt7, pcf
predict fairx
label var fairx "Fairness of Criminal Justice System (high score=high opinion)"
```

```
**Confidence in police in their neighbourhood
codebook polatt1-polatt7
factor polatt1-polatt7, pcf
predict confx
label var confx "Confidence in police in their neighbourhood (high score=high level
of confidence)"

** Reverse and label scalar variables so that high scores=high levels of
worry/confidence/opinions replace worryx=worryx*(-1)
replace antisocx=antisocx*(-1)
replace effectx=effectx*(-1)
replace fairx=fairx*(-1)
replace confx=confx*(-1)
```