British Crime Survey 2007-2008

Teaching Datasets (SN 6561 and SN 6891)

ESDS Government

Notes for Teachers

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Updated: November 2011
Introduction to the Teaching Datasets

‘Notes for Teachers’ and ‘User Guides’
This document Notes for Teachers gives details of how the BCS 2007-2008: Teaching Dataset (SN 6561) and BCS 2007-2008: Unrestricted Access Teaching Dataset (SN 6891) were created. Note that there is a User Guide for each of the teaching datasets which contains information about how the British Crime Surveys are conducted, a complete list of the variables in each teaching dataset and a codebook with a list of unweighted frequencies.

The main features of the teaching datasets
The teaching datasets have been created from the 2007-2008 British Crime Survey by ESDS Government. They are designed to be used by teachers of quantitative social statistics courses. The datasets are reduced versions of the full BCS 2007-2008 (SN 6066) with added variables. The main features of the datasets are as follow:

BCS 2007-2008: Teaching Dataset (SN 6561)
- 149 variables relating to 11,676 of the 46,983 respondents in the full BCS 2007-2008 dataset. These are the 25% of respondents who were randomly assigned to answer the Module B follow-up module. The data were reduced in size to facilitate its use on older machines;
- A range of variable types: 58 nominal, 63 ordinal and 28 scalar variables;
- 32 socio-demographic variables, 15 accommodation and area characteristic variables and 97 variables on experience of crime, fear of crime and respondent opinions about anti-social behaviour and crime in their area, the Criminal Justice System and the police in their area;
- 2 weights: individual and household (means=1);
- Additional variables (prefixed “tc”) created for this teaching dataset. More detail about these variables is in the next section ‘Variables added for teaching purposes’.
BCS 2007-2008: Unrestricted Access Teaching Dataset (SN 6891)

- 35 variables relating to 11,676 of the 46,983 respondents in the full BCS 2007-2008 dataset. These are the 25% of respondents who were randomly assigned to answer the Module B follow-up module. The data were reduced in size to facilitate its use on older machines;
- A range of variable types: 10 nominal, 15 ordinal and 10 scalar variables;
- 6 socio-demographic variables, 9 accommodation and area characteristic variables and 18 variables on experience of crime, fear of crime and respondent opinions about anti-social behaviour and crime in their area, the Criminal Justice System and the police in their area;
- 1 weight: individual (mean=1);
- Additional variables (prefixed “tc”) created for this teaching dataset. More detail about these variables is in the next section ‘Variables added for teaching purposes’.

Recommended uses of these teaching datasets

These datasets have been created for the purposes of teaching and related student projects and reports. Analyses for all other purposes should be conducted using the full BCS 2007-2008 dataset (SN 6066).

Teaching

The addition of scalar variables created using variables from the BCS 2007-2008 facilitates the teaching of a range of statistical techniques including correlations and linear regression techniques. Note that some of the variables created for the teaching dataset are related to each other or to other variables in the dataset because of the way they were created and should therefore not be used for tests of association. More information about this is on Page 6.

Student projects

Because the data are recorded at the national level with individual weights (and household weights in the BCS 2007-2008: Teaching Dataset (SN 6561)), students may use the teaching datasets to make reasonable generalisations about crime in Britain in 2007-2008.
Variables added for teaching purposes

Introduction

BCS 2007-2008: Teaching Dataset (SN 6561): There are 14 variables added to the EUL version of the dataset for teaching purposes: 2 weights for which the mean=1, two indices of multiple deprivation by quintile and 10 scalar variables derived using factor analysis from other variables in the dataset.

BCS 2007-2008: Unrestricted Access Teaching Dataset (SN 6891): There are 7 variables added to the EUL version of the dataset for teaching purposes: an individual weight for which the mean=1, two indices of multiple deprivation by quintile and 4 scalar variables derived using factor analysis from other variables in the dataset (tcviolent, tcesteal, tcarea tcneigh).

All added variables are prefixed with “tc”. Descriptions of how these variables were formed are given below.

Note that these variables have been derived to aid teaching only and that analyses for any other purpose should be based on the full BCS 2007-2008 dataset.

Weight variables
Both datasets contain an individual (tcindwt) weight and the EUL version also contains a household (tchhdwt) weight. Each of these has a mean=1 to eliminate the problem of grossing up when using weighted data. These weights were derived by dividing the original individual and household weights (indivwgt and hhdwgt, respectively) by their mean values. The code used to create them is shown in the STATA do-file in Appendix II to this document.

Deprivation variables
The indices of multiple deprivation in England (tcemdiqu2) and Wales (tcwmdiqu2) show the levels of deprivation by quintile. They were derived from their equivalents by decile in the full
BCS 2007-2008 (*emdidec* and *wmdidec*) by combining adjacent categories. The code used to create them is shown in the STATA do-file in Appendix II.

**Other scalar variables**

To extend the range of statistical methods that can be used with these teaching datasets, scalar variables were derived from variables in the BCS 2007-2008 using factor analysis. Table 1 shows a list of these variables and the variables used to derive each. The SPSS syntax codes used to derive them are shown in Appendix III and summary statistics and histograms with normal curve for each are shown in Appendix IV.

**A word of caution!**

Note that some of the variables added to the teaching datasets are related to other variables also included in the same teaching dataset. Therefore, tests of association between such variables will give misleading results. For example: *tcviolent* and *tcsteal* are related to *wburgl* etc. For a complete list of the added variables and the variables used to create them, see Table 1.

Note also that the following variables derived using factor analysis represent two factors derived from the same group of variables.

- *tcviolent* and *tcsteal*
- *tcarea* and *tcneigh*
- *tcfvict* and *tcfacc*

Because factors formed in this way are statistically unrelated, it is therefore not appropriate to use these paired variables to test association between them as the results would be misleading – e.g. It is inappropriate use *tcviolent* and *tcsteal* to examine correlations between fear of personal crime and fear of property crime.
Table 1: BCS 2007-2008 variables used to derive the added scores

<table>
<thead>
<tr>
<th>Variable</th>
<th>Label</th>
<th>Original BCS variables*</th>
</tr>
</thead>
<tbody>
<tr>
<td>tcviolent</td>
<td>Respondent level of worry about being a victim of personal crime (high score = high level of worry)</td>
<td>wburgl/wmugged/wcarstol/wfromcar/wrapped/wattack/winsult/wraceatt</td>
</tr>
<tr>
<td>tcsteal</td>
<td>Respondent level of worry about being a victim of property crime (high score = high level of worry)</td>
<td></td>
</tr>
<tr>
<td>tcarea</td>
<td>Respondent opinion about the level of anti-social behaviour IN THEIR NEIGHBOURHOOD (high score=high levels of anti-social behaviour)</td>
<td>noisneig/teenhang/rubbish/vandals/racehat2/druguse/drunk/abancar/pester/parked/firework/begging/nuisance</td>
</tr>
<tr>
<td>tcneigh</td>
<td>Respondent opinion about the level of problems with noisy or nuisance neighbours IN THEIR NEIGHBOURHOOD (high score=high level of problems with neighbours)</td>
<td></td>
</tr>
<tr>
<td>tcashband</td>
<td>Respondent opinion about how well the local authorities handle anti-social behaviour (high score=high opinion)</td>
<td>commatt1/commatt2/askconf/askinf</td>
</tr>
<tr>
<td>tccconfcjs</td>
<td>Respondent level of confidence in the Criminal Justice System (high score=high level of confidence)</td>
<td>confoff/confvict/confcase/confwit</td>
</tr>
<tr>
<td>tceffcjs</td>
<td>Respondent opinion of the effectiveness of the Criminal Justice System (high score=high opinion)</td>
<td>cjspolb/cjscpsh/cjsrct2a/cjsrct2b/cjsp1b/cjsp2b</td>
</tr>
<tr>
<td>Variable</td>
<td>Description</td>
<td>Fairness Scores</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>tcfvict</td>
<td>Respondent opinion of how fair the Criminal Justice System is to victims and witness of crimes (high score=high opinion)</td>
<td>fairatt1, fairatt2, fairatt3, fairatt4</td>
</tr>
<tr>
<td>tcfacc</td>
<td>Respondent opinion of how fair the Criminal Justice System is to people accused of committing crimes (high score=high opinion)</td>
<td>fairatt5, fairatt6, fairatt7</td>
</tr>
<tr>
<td>tcconfpol</td>
<td>Respondent level of confidence in the police IN THEIR NEIGHBOURHOOD (high score=high level of confidence)</td>
<td>polatt1, polatt2, polatt3, polatt4, polatt5, polatt6</td>
</tr>
</tbody>
</table>

*Original variables from BCS 2007-2008 used to derive the new added variables in the teaching dataset.*
Appendix I: List of variables in BCS 2007-2008: Teaching Dataset (SN 6561) by measure type

The following variables are in the BCS 2007-2008: Teaching Dataset (SN 6561). A full list of variables for each teaching dataset is in the dataset user guide.

Nominal variables

**Weights
Individual weight: ind = tcindwt
Household weight: house = tchhdwt

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Label</th>
<th>Weight**</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>sex</td>
<td>Respondent sex</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>6</td>
<td>agegrp7</td>
<td>Age group (7 bands)</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>7</td>
<td>livharm1</td>
<td>Marital status (ONS harmonised)</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>8</td>
<td>struct3</td>
<td>Structure of household</td>
<td>house</td>
<td>Nominal</td>
</tr>
<tr>
<td>9</td>
<td>nation</td>
<td>Respondent nationality</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>10</td>
<td>cry</td>
<td>Respondent country of birth</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>12</td>
<td>ethnic</td>
<td>Respondent ethnic origin (16 categories)</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>13</td>
<td>ethgrp2</td>
<td>Respondent ethnic origin (5 categories)</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>14</td>
<td>relig3</td>
<td>Respondent religion (6 categories)</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>15</td>
<td>educat3</td>
<td>Respondent education (5 categories)</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>16</td>
<td>work</td>
<td>Any paid work in last week</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>17</td>
<td>govtscn</td>
<td>On a government scheme for employment training</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>18</td>
<td>ownbus</td>
<td>Any UNPAID work for business owned</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>19</td>
<td>infstudy</td>
<td>Are you a full-time student at college or university</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>20</td>
<td>jobever</td>
<td>Have you ever had a paid job?</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>22</td>
<td>selfemp</td>
<td>Working as an employee or self-employed</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>23</td>
<td>ftpt</td>
<td>Working full or part time</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>24</td>
<td>remploy</td>
<td>Respondent employment status</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>25</td>
<td>rlstweek</td>
<td>Respondent economic status in last week</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>26</td>
<td>rnssec6a</td>
<td>Occupation coding of respondent</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>32</td>
<td>ill</td>
<td>Disability/long-standing illness (3 categories)</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>33</td>
<td>newpaps</td>
<td>Do you read any daily newspapers at least 3 times a week?</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>34</td>
<td>newpapt</td>
<td>Daily newspaper read most often</td>
<td>ind</td>
<td>Nominal</td>
</tr>
<tr>
<td>35</td>
<td>pubewe</td>
<td>How often have you visited a pub or bar in the last month?</td>
<td>ind</td>
<td>Nominal</td>
</tr>
</tbody>
</table>
36 club How often have you visited a nightclub in the last month? ind Nominal

Accommodation and area characteristics
39 resyrago Were you living at this address 12 months ago? ind Nominal
40 rent2 Who is your landlord? ind Nominal
41 hominsur Are the contents of your home insured? ind Nominal
42 tenure1 In which way do you occupy this accommodation? ind Nominal
43 tenharm Tenure type (ONS harmonised) ind Nominal
45 accharm1 Accommodation type (ONS harmonised) (7 categories) house Nominal
46 inner Inner city PSU or not ind Nominal
47 rural2 Type of area 2004: urban/rural ind Nominal

Fear of crime
53 causem One MAIN cause of crime in Britain today ind Nominal

Respondent opinion about anti-social behaviour and crime in their area
Experience of crime in the last 12 months
84 seecri1a Seen in last 12 months: someone vandalising property or vehicle ind Nominal
85 seecri1b Seen in last 12 months: someone stealing a vehicle/from a vehicle ind Nominal
86 seecri1c Seen in last 12 months: threatening or violent behaviour (inc fights) ind Nominal
87 seecri1d Seen in last 12 months: someone being mugged or robbed ind Nominal
88 seecri1e Seen in last 12 months: someone breaking/attempting breaking into property ind Nominal
89 seecri1f Seen in last 12 months: shoplifting ind Nominal
90 seecri1g Seen in last 12 months: anti-social behaviour or disorder ind Nominal
91 seecri1h Seen in last 12 months: someone driving dangerously ind Nominal
92 seecri1i Seen in last 12 months: none of these ind Nominal
93 seecri1j Seen in last 12 months: don’t know ind Nominal
94 seecri1k Seen in last 12 months: refused ind Nominal
95 bcsvictim Experience of any crime in the last 12 months ind Nominal
96 persthef If anything was stolen out of hands, pockets , bag or case (in the last year) ind Nominal
97 homethef If anyone got into current residence to steal/try to steal house Nominal
98 yrhotry If anyone tried to get into current residence to house Nominal
99  yrhostol  steal/cause damage
100  yrdeface  If anything was stolen out of current residence  house  Nominal
101  delibdam  If anything was damaged outside current residence  house  Nominal
102  delibvio  If personal belongings have been deliberately damaged  ind  Nominal
104  threviol  If anyone has deliberately used force/violence on the respondent  ind  Nominal
105  sexattak  If personal belongings have been sexually assaulted or attacked  ind  Nominal
106  hhldviol  If member of household has used force or violence on respondent  ind  Nominal
107  mottheft  If vehicle stolen or driven away without permission  house  Nominal
108  motstole  If something stolen off or out of vehicle  house  Nominal
109  cardamag  If vehicle tampered with or damaged  house  Nominal

Respondent opinion of the Criminal Justice System
Respondent opinion of police in their area
Weights

Ordinal variables

*Weights
Individual weight:  ind = tcindwt
Household weight:  house = tchhdwt

No.  Name      Label                                       Weight* Measure

Case id and household variables

Socio-demographic variables

27  respsec2  Respondent socio-economic classification  ind  Ordinal
31  genhealt  How is your health in general?  ind  Ordinal

Accommodation and area characteristics

48  rubbcomm  In the immediate area how common is litter/rubbish?  ind  Ordinal
49  vandcomm  How common is vandalism graffiti or damage to property?  ind  Ordinal
50  poorhou  How common are homes in poor condition/ run down?  ind  Ordinal
<table>
<thead>
<tr>
<th></th>
<th>Question</th>
<th>Scale</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>54</td>
<td>How safe do you feel walking alone after dark?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>55</td>
<td>How safe do you feel walking alone in this area during the day?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>56</td>
<td>How safe do you feel when alone in home at night?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>59</td>
<td>How worried about having your home broken into?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>60</td>
<td>How worried about being mugged and robbed?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>61</td>
<td>How worried about having car stolen?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>62</td>
<td>How worried about having things stolen from your car?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>63</td>
<td>How worried about being raped?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>64</td>
<td>How worried about being physically attacked by strangers?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>65</td>
<td>How worried about being insulted or pestered by anybody?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>66</td>
<td>How worried about being attacked because of skin colour?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>67</td>
<td>How worried are you about being a victim of crime?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>68</td>
<td>How much crime rate has changed in this area since 2 years ago?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>71</td>
<td>How much of a problem are noisy neighbours or parties?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>72</td>
<td>How much of a problem are teenagers hanging around?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>73</td>
<td>How much of a problem is rubbish or litter?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>74</td>
<td>How much of a problem is vandalism, graffiti etc.?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>75</td>
<td>How much of a problem is attack because of skin colour?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>76</td>
<td>How much of a problem are people using or dealing drugs?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>77</td>
<td>How much of a problem are people being drunk or rowdy?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>78</td>
<td>How much of a problem are abandoned or burnt out cars?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
<tr>
<td>80</td>
<td>How much do you agree or disagree that the police and local council seek people's views about the anti-social behaviour and crime issues that matter in this area?</td>
<td>ind</td>
<td>Ordinal</td>
</tr>
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<td></td>
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</tr>
<tr>
<td>81</td>
<td>commatt2</td>
<td>How much do you agree or disagree that the police and local council are dealing with the anti-social behaviour and crime issues that matter in this area?</td>
<td>ind</td>
</tr>
<tr>
<td>82</td>
<td>asbconf</td>
<td>How confident are you that the authorities in your area are effective at reducing anti-social behaviour?</td>
<td>ind</td>
</tr>
<tr>
<td>83</td>
<td>asbinf</td>
<td>How much do you know about what is being done to tackle these problems in your locality?</td>
<td>ind</td>
</tr>
</tbody>
</table>

**Experience of crime in the last 12 months**

**Respondent opinion of the Criminal Justice System**

<p>| | | | | | | | | | | | | | | |</p>
<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>cjspolb</td>
<td>How confident are you that the police are effective at catching criminals?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>112</td>
<td>cjscpsb</td>
<td>How confident are you that the Crown Prosecution Service is effective at prosecuting people accused of committing a crime?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>113</td>
<td>cjscrt2a</td>
<td>How confident are you that the Courts are effective at dealing with cases promptly?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>114</td>
<td>cjscrt2b</td>
<td>How confident are you that the Courts are effective at giving punishments which fit the crime?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>115</td>
<td>cjsp1b</td>
<td>How confident are you that prisons are effective at punishing offenders who have been convicted of a crime?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>116</td>
<td>cjsp2b</td>
<td>How confident are you that prisons are effective at rehabilitating offenders who have been convicted of a crime?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>117</td>
<td>cjsprb</td>
<td>How confident are you that the probation service is effective at preventing criminals from re-offending?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>118</td>
<td>cjsov1b</td>
<td>How confident are you that the Criminal Justice System as a whole is effective?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>conffwit</td>
<td>How confident are you that witnesses are treated well by CJS?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>121</td>
<td>confoff</td>
<td>How confident are you that CJS is effective in bringing people who commit crimes to justice?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>122</td>
<td>confvic</td>
<td>How confident are you that CJS meets the needs of victims of crime?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>123</td>
<td>confrig</td>
<td>How confident are you that the CJS respects the rights of people accused of committing a crime?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>124</td>
<td>confcas</td>
<td>How confident are you that CJS deals with cases promptly and efficiently?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>effred</td>
<td>How effective is CJS in reducing crime?</td>
<td>ind</td>
<td>Ordinal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
How effective is CJS in dealing with young people accused of crime?

How much do you agree or disagree that the Criminal Justice System gives victims and witnesses the support they need?

How much do you agree or disagree that the Criminal Justice System treats those who have been accused of a crime as 'innocent until proven guilty'?

How much do you agree or disagree that the Criminal Justice System gives victims and witnesses the support they need?

How much do you agree or disagree that the Criminal Justice System treats those who have been accused of a crime as 'innocent until proven guilty'?

How much do you agree or disagree that the Criminal Justice System takes into account the views of victims and witnesses?

How much do you agree or disagree that when handing out sentences the Criminal Justice System takes into account the circumstances surrounding the crime?

How much do you agree or disagree that the Criminal Justice System is too soft on those accused of committing a crime?

How much do you agree or disagree that the Criminal Justice System achieves the correct balance between the rights of the offender and the rights of the victim?

How much do you agree or disagree that the Criminal Justice System discriminates against particular groups or individuals?

How confident are you that the Criminal Justice System as a whole is fair?

The police in this area can be relied on to be there when you need

The police in this area would treat you with respect if you had contact with them

The police in this area treat everyone fairly regardless of who they are

The police in this area can be relied on to deal with minor crimes

The police in this area understand the issues that affect this community

The police in this area are dealing with the things that matter to this community

Taking everything into account, I have confidence in the police in this area

How good a job are the police doing
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Label</th>
<th>Weight*</th>
<th>Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>rowlabel</td>
<td>Case identifier (8 digits)</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>2</td>
<td>nadults</td>
<td>Number of adults in household</td>
<td>house</td>
<td>Scale</td>
</tr>
<tr>
<td>3</td>
<td>nchil</td>
<td>Number of children under 16 in household</td>
<td>house</td>
<td>Scale</td>
</tr>
<tr>
<td>5</td>
<td>age</td>
<td>Respondent age</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>11</td>
<td>came</td>
<td>Respondent year first came to stay in this country</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>21</td>
<td>whenlft</td>
<td>In what year left last job</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>28</td>
<td>indinc</td>
<td>Personal earnings in last year</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>29</td>
<td>tothhin1</td>
<td>Total household income in last year</td>
<td>house</td>
<td>Scale</td>
</tr>
<tr>
<td>30</td>
<td>hhinc5</td>
<td>Total household income (5 bands)</td>
<td>house</td>
<td>Scale</td>
</tr>
<tr>
<td>37</td>
<td>cartot</td>
<td>How many cars owned or used for most of last year?</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>38</td>
<td>yrsarea</td>
<td>How long have you lived in this area?</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>44</td>
<td>unoccl</td>
<td>How long home is left unoccupied on an average weekday?</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>51</td>
<td>tcemduq2</td>
<td>Index of multiple deprivation by quintile in England (1=20% most deprived wards)</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>52</td>
<td>tcwmdiqu2</td>
<td>Index of multiple deprivation by quintile in Wales (1=20% most deprived wards)</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>57</td>
<td>tcvviolent</td>
<td>Respondent level of worry about being a victim of personal crime (high score=high level of worry)</td>
<td>ind</td>
<td>Scale</td>
</tr>
<tr>
<td>58</td>
<td>tcsteal</td>
<td>Respondent level of worry about being a victim of property crime (high score=high level of worry)</td>
<td>ind</td>
<td>Scale</td>
</tr>
</tbody>
</table>
**Respondent opinion about anti-social behaviour and crime in their area**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>69</td>
<td>Respondent opinion about the level of problems with anti-social behaviour in their neighbourhood (high score=high levels of anti-social behaviour)</td>
<td>ind</td>
</tr>
<tr>
<td>70</td>
<td>Respondent opinion about level of problems with noisy or nuisance neighbours in their neighbourhood (high score=high level of problems with neighbours)</td>
<td>ind</td>
</tr>
<tr>
<td>79</td>
<td>Respondent opinion of how well the local authorities handle anti-social behaviour (high score=high opinion)</td>
<td>ind</td>
</tr>
</tbody>
</table>

**Experience of crime in the last 12 months**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>103</td>
<td>How many times has this happened (delibvio)?</td>
<td>ind</td>
</tr>
</tbody>
</table>

**Respondent opinion of the Criminal Justice System**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>Respondent confidence in the criminal justice system (high score=high level of confidence)</td>
<td>ind</td>
</tr>
<tr>
<td>119</td>
<td>Respondent opinion of the effectiveness of the criminal justice system (high score=high opinion)</td>
<td>ind</td>
</tr>
<tr>
<td>127</td>
<td>Respondent opinion of how fair the Criminal Justice System is to victims/witnesses of crimes (high score=high opinion)</td>
<td>ind</td>
</tr>
<tr>
<td>128</td>
<td>Respondent opinion of how fair the Criminal Justice System is to people accused of committing crimes (high score=high opinion)</td>
<td>ind</td>
</tr>
</tbody>
</table>

**Respondent opinion of police in their area**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>137</td>
<td>Respondent level of confidence in the police in their neighbourhood (high score=high level of confidence)</td>
<td>ind</td>
</tr>
</tbody>
</table>

**Weights**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>148</td>
<td>Weight to be used when analysing individual-level data (mean=1)&quot;</td>
<td>-</td>
</tr>
<tr>
<td>149</td>
<td>Weight to be used when analysing household-level data (mean=1)&quot;</td>
<td>-</td>
</tr>
</tbody>
</table>
Appendix II: STATA do-file to create the datasets

** Created by: Sarah King-Hele
** Started: 13th January 2010

** STATA DO-FILE TO CREATE 2007/8 TEACHING DATASET FOR ESDS GOVERNMENT

** Note that this do-file was created using STATA IC which has a limited variables size
** so the full 2007/8 data file was divided into two parts

set more off

** Opens the first part of BCS 2007/8, keeps the teaching variables and then saves
use "C:\Work\7. ESDS teaching datasets_January 2010\bcs_2007_8_full_file_part1.dta", clear
keep splît rowlabel nchil nadults sex age ethnic ///
yrsarea resyrago unoccl causem ///
walkdark walkday homealon ///
wburgl wmugged wcarstol wfromcar wrapped wattack winsult wraceatt wover ///
crimerat noisneig teenhang rubbish vandals racehat2 druguse drunk abancar ///
pubeve club cartot ///
seecri1a seecri1b seecri1c seecri1d seecri1e seecri1f seecri1g seecri1h seecri1j seecri1k ///
persthef homethef yrhotry yrhostol yrdeface delibdam delibvio ndelibv ///
theresiyl sexattak hhldviol mottheft motstole cardamag ///
cjspolb cjscpsb cjscrt2a cjscrt2b cjspslb cjspslb cjspslb cjsprb ///
fairatt1 fairatt2 fairatt3 fairatt4 fairatt5 fairatt6 fairatt7 fairoval ///
polett1 polett2 polett3 polett4 polett5 polett6 polett7 ///
conffwit confoff confvic config confcas effred effyng ///
commatt1 commatt2 cjsovb1 ratpol2 asbconf asbinfof
save "C:\Work\7. ESDS teaching datasets_January 2010\bcs_2007_8_teaching data_part1.dta", replace
clear

** Opens the second part of BCS 2007/8, keeps the teaching variables and then saves
use "C:\Work\7. ESDS teaching datasets_January 2010\bcs_2007_8_teaching_data2_skh_edit.dta", clear
keep rowlabel ethngrp2 agegrp7 livharm1 struct3 ///
nation cry came relig3 educat3 work govtsch ownbus infstudy jobeber
whenlft selfemp ftpt remploy ///
ristweek rnssec6a respsec2 tothhin1 indinc hhinc5 rent2 hominsur
genhealt ill newsps newpapt ///
tenure1 tenharm accharml ///
inner rural2 rubbcomm vandcomm poorhou ///
bcsvictim ///
jobpol ratpol3 emdidec2 wmdidec2 indivwgt hhdwgt ///
tcarea tcneigh tcfvict tcfacc tceffcjs tcncdecjs tcconfpol ///
tcasbhand tcvviolent tcviolent tcsteal
rename tcnedecjs tcconfpol
save "C:\Work\7. ESDS teaching datasets_January 2010\bcs_2007_8_teaching data_part2.dta", replace

clear

** Joins the two Datasets containing the teaching variables
use "C:\Work\7. ESDS teaching datasets_January 2010\bcs_2007_8_teaching data_part1.dta", clear
joinby rowlabel using "C:\Work\7. ESDS teaching datasets_January 2010\bcs_2007_8_teaching data_part2.dta"

** Adds labels that got lost in translation from the original SPSS file to STATA
label define AGEGRP7 1 "16-24" 2 "25-34" 3 "35-44" 4 "45-54" 5 "55-64" 6 "65-74" 7 "75+
label values agegrp7 AGEGRP7
label define LIVHARM 1 "married" 2 "cohabiting" 3 "single" 4 "separated" 5 "divorced" 6 "widowed"
label values livharm LIVHARM
label define NATION 1 "UK, British" 2 "English" 3 "Scottish" 4 "Welsh" 5 "Northern Irish" 6 "Irish (Republican)" 7 "Other"
label values nation NATION
label define cry NATION
label define RELIG3 1 "Christian" 2 "Buddhist" 3 "Hindu" 4 "Muslim" 5 "other religion" 6 "no religion"
label values relig3 RELIG3
label define FTPT 1 "full-time" 2 "part-time"
label values ftpt FTPT
label define RLSTWEEK 1 "paid work" 2 "Government training scheme" 3 "away from work/waiting for work to start" 4 "unpaid work" 5 "looking for work" 6 "student" 7 "looking after family/home" 8 "temporarily sick/ill" 9 "long-term sick/ill" 10 "retired" 11 "other"
label values rlstweek RLSTWEEK
label define RNSSEC6A 1 "managerial and professional occupations" 2 "intermediate occupations" 3 "small employers and own account workers" 4 "lower advisory and technical occs" 5 "semi-routine and routine occs" 6 "full-time students" 7 "never worked and long-term unemployed" 8 "not classified"
label values rnssec6a RNSSEC6A
recode respsec2 (1.1=0) (1.2=1)
label define RESPSEC2 0 "large employer and higher managerial occupations" 1 "higher professional occupations" 2 "lower professional and higher technical occs" 3 "intermediate occ" 4 "small employers and own account workers" 5 "lower supervisory and technical occs" 6 "semi-routine occupations" 7 "routine occupations" 8 "never worked" 9 "not classified"
label values respsec2 RESPSEC2
label define TOTHHIN1 1 "<£2,500" 2 "£2,500-£4,999" 3 "£5,000-£9,999" 4 
"£10,000-£14,999" 5 "£15,000-£19,999" 6 "£20,000-£24,999" /// 7 "£25,000-£29,999" 8 "£30,000-£34,999" 9 "£35,000-£39,999" 10 
"£40,000-£44,999" 11 "£45,000-£49,999" 12 "£50,000 or more" /// 13 "Spontaneous:nothing/no work or scheme"
label values tothhin1 TOTHHIN1
label values indinc TOTHHIN1
label define NEWPAPS 1 "yes" 2 "no"
label values newpaps NEWPAPS
label define HOMINSUR 1 "yes" 2 "no"
label values hominsur HOMINSUR
label define ACCHARM1 1 "detached house" 2 "semi-detached house" 3 
"terraced house" 4 "maisonette" /// 5 "purpose-built flat" 6 "converted flat" 7 "other accommodation"
label values accharm1 ACCHARM1

** Creates indices of multiple deprivation in England and Wales by quintile and drops the original variables
\[ \text{gen tcemdiqu2=emdidec2} \]
\[ \text{recode tcemdiqu2 1/2=1 3/4=2 5/6=3 7/8=4 9/10=5} \]
label variable tcemdiqu2 "Index of multiple deprivation by quintile in England (1=20% most deprived wards)"
\[ \text{gen tcwmdiqu2=wmdidec2} \]
\[ \text{recode tcwmdiqu2 1/2=1 3/4=2 5/6=3 7/8=4 9/10=5} \]
label variable tcwmdiqu2 "Index of multiple deprivation by quintile in Wales (1=20% most deprived wards)"
drop emdidec2
drop wmdidec2

** Creates individual and household weights for which mean=1 and drops the original variables
\[ \text{gen tcindwt=indivwgt/903.5169} \]
label variable tcindwt "Weight to be used when analysing individual-level data (mean=1)"
\[ \text{gen tchhdwt=hhdwgt/471.6528} \]
label variable tchhdwt "Weight to be used when analysing household-level data (mean=1)"
drop indivwgt
drop hhdwgt

** Relabels some of the variables
label variable sex "Respondent sex"
label variable age "Respondent age"
label variable ethnic "Respondent ethnic origin (16 categories)"
label variable ethgrp2 "Respondent ethnic origin (5 categories)"
label variable relig3 "Respondent religion (6 categories)"

** Selects only people assigned to answer Module B: 11,676 respondents of the total 46,983 in BCS 2007/8
\[ \text{drop if split~=2} \]
drop split

** Reorders the variables
** Reverses scalar variables so that high scores=high levels of worry/confidence/opinions
replace tcviolent=tcviolent*(-1)
replace tcsteal=tcsteal*(-1)
replace tcarea=tcarea*(-1)
replace tcneigh=tcneigh*(-1)
replace tcasbhand=tcasbhand*(-1)
replace tcconfcjs=tcconfcjs*(-1)
replace tceffcjs=tceffcjs*(-1)
replace tcfvict=tcfvict*(-1)
replace tcfacc=tcfacc*(-1)
replace tcfvict=tcfvict*(-1)
replace tcfacc=tcfacc*(-1)
replace tcconfpol=tcconfpol*(-1)

** Labels added scalar variables
label var tcviolent "Respondent level of worry about being a victim of personal crime (high score = high level of worry)"
label var tcsteal "Respondent level of worry about being a victim of property crime (high score = high level of worry)"
label var tcarea "Respondent opinion about the level of anti-social behaviour IN THEIR NEIGHBOURHOOD (high score = high levels of anti-social behaviour)"
label var tcneigh "Respondent opinion about the level of problems with noisy or nuisance neighbours IN THEIR NEIGHBOURHOOD (high score = high levels of problems with neighbours)"
label var tcasbhand "Respondent opinion about how well the local authorities handle anti-social behaviour (high score = high opinion of authorities handling of such behaviour)"
label var tcconfcjs "Respondent level of confidence in the Criminal Justice System (high score=high level of confidence)"
label var tceffcjs "Respondent opinion of the effectiveness of the Criminal Justice System (high score=high opinion)"
label var tcfvict "Respondent opinion of how fair the Criminal Justice System is to victims/witnesses of crimes (high score=high opinion)"
label var tcfacc "Respondent opinion of how fair the Criminal Justice System is to people accused of committing crimes (high score=high opinion)"
label var tcconfpol "Respondent level of confidence in the police IN THEIR NEIGHBOURHOOD (high score=high level of confidence)"

** Saves the SPSS version of the teaching Dataset
save "C:\Work\7. ESDS teaching datasets January 2010\bcs_2007_8_teaching data_for SPSS.dta", replace

** Defines missing values for the STATA version:
** Missing values: system missing from SPSS are already '.' in STATA. The following defines the other missing values.
** .a = not applicable .b=refused .c=don't know

foreach var of varlist wburgl wmugged wraped wattack winsult wraceatt wover wcarstol wfrmcgar {
    recode `var' (5=.a) (8=.b) (9=.c)
}
foreach var of varlist crimerat motstole cardamag ///
walkdark homealon noisneig teenhang rubbish vandals racehat2 druguse drunk abancar ///
persthef yrhotry yrhostol delibdam delivbio threviol ///
polatt1 polatt2 polatt3 polatt4 polatt5 polatt6 polatt7 ///
cjspolb cjscpsb cjsclrt2a cjsclrt2b cjspsl1b cjspsl2b cjsprb cjsovbl ///
conffwit conffoff conffvic conffcas effred effyng ///
fairatt1 fairatt2 fairatt3 fairatt4 fairatt5 fairatt6 fairatt7 fairoval ///
commatt1 commatt2 ratpo12 asbinf {
    recode `var' (9=.c)
}
foreach var of varlist govtsch ownbus jobever selfemp ftpt genhealt newpaps rent2 ///
hominsur tenure1 unoccl hhldviol confriug nation cry asbconf work walkday sexattak {
    recode `var' (8=.b) (9=.c)
}
recode ethnic 98=.b
recode club 8=.b
recode cauasm 99=.c
recode age 998=.b 999=.c
recode indinc 98=.b 99=.c
recode tothhin1 98=.b 99=.c
recode cartot 98=.b 99=.c
recode newpapt 99=.c
recode ndelinv 97=.a 99=.c
recode came 9997=.a 9998=.b 9999=.c

** Saves the STATA version of the teaching Dataset
save "C:\Work\7. ESDS teaching datasets_January 2010\bcs_2007_8_teaching data_for STATA.dta", replace

** Creates log of codebook for the 'User Guide'
log using "C:\Work\7. ESDS teaching datasets_January 2010\Codebook_12 march 2010.log", replace
codebook
log close

** Note that the codebook does not work so well for the following variables: their entries in the codebook were added in later:
** came: treated by STATA as categorical
** ethnic, cartot, rlstweek, respsec2, indinc, tothhinc, hhinc5,
newpapt: all have too many categories to be summarised properly using codebook
** some of the variable labels are too long and need to be added in later

** CREATES UNLICENCED VERSION (35 variables) OF THIS DATASET
use "C:\Work\4. ESDS etc. 2010\BCS Teaching datasets 2007-2008_January 2010\bcs_2007_8 teaching data_for STATA.dta", clear
keep rowlabel sex age livharm1 ethgrp2 educat3 work yrsarea resyrago
tenure1 rural12 rubbcomm vandcomm ///
poorhou tcemdiqu2 tcwmdiqu2 causem walkdark walkday homealon tcviolent
tcsteal wburgl wmugged wfromcar wwrapped wattack ///
winsult wraceatt crimerat tcarea tcneigh bcsvictim tcindwt
recode tenure1 (6=5)
label define TENURE1 1 "own it outright" 2 "buying it with the help of a mortgage or loan" 3 "pay part rent and part mortgage(shared ownership)" /* 4 "rent it" 5 "live here rent free (inc. rent free in relative/friend's)/squating"
label values tenure1 TENURE1

** Saves the STATA UNLICENCED version of the teaching data set
save "C:\Work\4. ESDS etc. 2010\BCS Teaching datasets 2007-2008_January 2010\bcs_2007_8_teaching data_for STATA_unlicenced.dta", replace
Appendix III: SPSS syntax: formation of scalar variables using factor analysis

57. *tcviolent* and 58. *tcsteal*

*tcvviolent*: Respondent level of worry about being a victim of personal crime (high score=high level of worry)
*tcesteal*: Respondent level of worry about being a victim of property crime (high score=high level of worry)

```
FACTOR
/VARIABLES wburgl wmugged wcarstol wfromcar wraped wattack winsult wraceatt
/MISSING LISTWISE /ANALYSIS wburgl wmugged wcarstol
wraped wattack winsult wraceatt
/PRINT INITIAL EXTRACTION ROTATION
/Criteria MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/SAVE REG(ALL)
/METHOD=CORRELATION .
Renamed saved score 1 as tcvviolent
Renamed saved score 2 as tcesteal
Both scores multiplied by (-1) to reverse
```

69. *tcarea* and 70. *tcneigh*

*tcaarea*: Respondent opinion about the level of anti-social behaviour IN THEIR NEIGHBOURHOOD (high score=high levels of anti-social behaviour)
*tcnneigh*: Respondent opinion about the level of problems with noisy or nuisance neighbours IN THEIR NEIGHBOURHOOD (high score=high levels of nuisance behaviour)

```
FACTOR
/VARIABLES noisneig teenhang rubbish vandals racehat2 druguse drunk
abancar pester parked firework begging nuisance /MISSING LISTWISE /ANALYSIS noisneig teenhang rubbish vandals racehat2 druguse drunk
abancar
pester parked firework begging nuisance
/PRINT INITIAL EXTRACTION ROTATION
/Criteria MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/SAVE REG(ALL)
/METHOD=CORRELATION .
Renamed saved score 1 as tcaarea
Renamed saved score 2 as tcneigh
Both scores multiplied by (-1) to reverse
```
79. tcasbhand

**tcasbhand**: Respondent opinion about how well the local authorities handle anti-social behaviour (high score = high opinion)

```plaintext
FACTOR
/VARIABLES commatt1 commatt2 asbconf asbinfof /MISSING LISTWISE
/ANALYSIS commatt1 commatt2 asbconf asbinfof
/PRINT INITIAL EXTRACTION ROTATION
/Criteria MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/Criteria ITERATE(25)
/Rotation VARIMAX
/SAVE REG(ALL)
/Method=Correlation.
Renamed saved score 1 as tcasbhand
Score multiplied by (-1) to reverse
```

110. tcconfcjs

**tcconfcjs**: Respondent level of confidence in the Criminal Justice System (high score = high level of confidence)

```plaintext
FACTOR
/VARIABLES confoff confvict confcase confwit /MISSING LISTWISE
/ANALYSIS confoff confvict confcase confwit
/PRINT INITIAL EXTRACTION ROTATION
/Criteria MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/Criteria ITERATE(25)
/Rotation VARIMAX
/SAVE REG(ALL)
/Method=Correlation.
Renamed saved score 1 as tcconfcjs
Score multiplied by (-1) to reverse
```

119. tceffcjs

**tceffcjs**: Respondent opinion of the effectiveness of the Criminal Justice System (high score=high opinion)

```plaintext
FACTOR
/VARIABLES cjspolb cjscpsb cjscrt2a cjscrt2b cjspslb cjspslb cjsp2b cjspbrb /MISSING LISTWISE /ANALYSIS cjspolb cjscpsb cjscrt2a cjscrt2b cjspslb cjspslb cjsp2b cjspbrb /PRINT INITIAL EXTRACTION ROTATION /Criteria MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
```
127. \textit{tcfvict} and 128. \textit{tcfacc}

\textit{tcfvict}: Respondent opinion of how fair the Criminal Justice System is to victims/witnesses of crimes (high score=high opinion)

\textit{tcfacc}: Respondent opinion of how fair the Criminal Justice System is to people accused of committing crimes (high score=high opinion)

137. \textit{tcconfpol}

\textit{tcconfpol}: Respondent level of confidence in the police IN THEIR NEIGHBOURHOOD (high score=high level of confidence)
Appendix IV: Summary statistics and histograms for the added scalar variables

57. tcviolent  Respondent level of worry about being a victim of personal crime (high score = high level of worry)

<table>
<thead>
<tr>
<th>type: numeric (float)</th>
</tr>
</thead>
<tbody>
<tr>
<td>range: [-2.3502905, 3.8054762]</td>
</tr>
<tr>
<td>units: 1.000e-11</td>
</tr>
<tr>
<td>unique values: 2677</td>
</tr>
<tr>
<td>missing .: 3242/11676</td>
</tr>
<tr>
<td>mean: .045582</td>
</tr>
<tr>
<td>std. dev: 1.00436</td>
</tr>
<tr>
<td>percentiles: 10%: -1.04838, 25%: -0.671832, 50%: -0.116783, 75%: 0.540244, 90%: 1.47581</td>
</tr>
</tbody>
</table>

Distribution with normal curve:

58. tcsteal  Respondent level of worry about being a victim of property crime (high score = high level of worry)

<table>
<thead>
<tr>
<th>type: numeric (float)</th>
</tr>
</thead>
<tbody>
<tr>
<td>range: [-2.693109, 3.0539489]</td>
</tr>
<tr>
<td>units: 1.000e-12</td>
</tr>
<tr>
<td>unique values: 2677</td>
</tr>
<tr>
<td>missing .: 3242/11676</td>
</tr>
<tr>
<td>mean: .041701</td>
</tr>
<tr>
<td>std. dev: .987241</td>
</tr>
<tr>
<td>percentiles: 10%: -1.28497, 25%: -0.560513, 50%: -0.062944, 75%: 0.767882, 90%: 1.38427</td>
</tr>
</tbody>
</table>

Distribution with normal curve:
69. tcarea  Respondent opinion about the level of anti-social behaviour IN THEIR NEIGHBOURHOOD (high score=high levels of anti-social behaviour)

<table>
<thead>
<tr>
<th>type: numeric (float)</th>
</tr>
</thead>
<tbody>
<tr>
<td>range: [-2.6734681,4.1882639] units: 1.000e-11</td>
</tr>
<tr>
<td>unique values: 7358 missing .: 677/11676</td>
</tr>
<tr>
<td>mean: .030254 std. dev: 1.01006</td>
</tr>
<tr>
<td>percentiles: 10% 25% 50% 75% 90%</td>
</tr>
<tr>
<td>-1.15729 -.794439 -.094174 .642037 1.40043</td>
</tr>
</tbody>
</table>

Distribution with normal curve:

70. tcneigh  Respondent opinion about the level of problems with noisy or nuisance neighbours IN THEIR NEIGHBOURHOOD (high score=high level of problems with neighbours)

<table>
<thead>
<tr>
<th>type: numeric (float)</th>
</tr>
</thead>
<tbody>
<tr>
<td>range: [-2.0767403,4.6414561] units: 1.000e-11</td>
</tr>
<tr>
<td>unique values: 7358 missing .: 677/11676</td>
</tr>
<tr>
<td>mean: -.012718 std. dev: .998659</td>
</tr>
<tr>
<td>percentiles: 10% 25% 50% 75% 90%</td>
</tr>
<tr>
<td>-.834139 -.600858 -.430028 .324986 1.18496</td>
</tr>
</tbody>
</table>
Respondent opinion about the level of problems with noisy or nuisance neighbours

---

79. tcashband  Respondent opinion about how well the local authorities handle anti-social behaviour (high score=high opinion)

---

type: numeric (float)
range: [-2.5982757, 2.5287039]  units: 1.000e-09
unique values: 243  missing: 8458/11676
mean: .000328
std. dev: .989926
percentiles:  10%  25%  50%  75%  90%
               -1.27674  -.630439  .068934  .822009  1.12505

---

Distribution with normal curve:

Distribution with normal curve:

---

109. tcconfcjs  Respondent level of confidence in the Criminal Justice System (high score=high level of confidence)

---

type: numeric (float)
range: [-2.3090761, 2.7458692]  units: 1.000e-08
unique values: 159  missing: 5987/11676
mean: -.005202
std. dev: .980107
percentiles:  10%  25%  50%  75%  90%
               -1.27674  -.630439  .068934  .641912  1.06089
Distribution with normal curve:

---

118. tceffcjs
Respondent opinion of the effectiveness of the Criminal Justice System (high score=high opinion)
---

type: numeric (float)
range: [-1.9820721, 3.4876978] units: 1.000e-09
unique values: 1006 missing .: 7994/11676
mean: -.028637
std. dev: .985569
percentiles: 10% 25% 50% 75% 90%
-1.25552 -.705162 .040104 .603186 1.17216

Distribution with normal curve:

---

126. tcfvict
Respondent opinion of how fair the Criminal Justice System is to victims/witnesses of crimes (high score=high opinion)
---

type: numeric (float)
range: [-2.6419218, 3.249881] units: 1.000e-10
unique values: 1143 missing .: 8633/11676
mean: -.015558
std. dev: .987521
percentiles: 10% 25% 50% 75% 90%
-1.25552 -.705162 .040104 .603186 1.17216
127. tcfacc  Respondent opinion of how fair the Criminal Justice System is to people accused of committing crimes (high score=high opinion)

- Distribution with normal curve:

- +--------------------------------------------------------------------+
  | type: numeric (float)                                              |
  | range: [-4.3110375,3.0266044] units: 1.000e-10                    |
  | unique values: 1143 missing .: 8633/11676                         |
  | mean:  0.036439                                                    |
  | std. dev:  1.004                                                   |
  | percentiles: 10% 25% 50% 75% 90%                                  |
  | -1.27501  -0.499874 0.157508 0.695194 1.26514                     |
  +--------------------------------------------------------------------+

136. tcconfpol  Respondent level of confidence in the police IN THEIR NEIGHBOURHOOD (high score=high level of confidence)

- Distribution with normal curve:

- +--------------------------------------------------------------------+
  | type: numeric (float)                                              |
  | range: [-3.4291029,2.0592852] units: 1.000e-10                    |
  | unique values: 1936 missing .: 653/11676                          |
  | mean:  -0.01442                                                    |
  | std. dev:  .982834                                                 |
  +--------------------------------------------------------------------+
percentiles: 10% 25% 50% 75% 90%
-1.30296 -.606302 .069138 .687188 1.14054

Distribution with normal curve: