

```

*****
*****
*   scoring algorithm for the KIDSCREEN-27 self report version with 1 Missing   *
*****
*****
*   copyright and intellectual property: The European KIDSCREEN group           *
*****
*   1) uses transformed KIDSCREEN item-scores (transformed e.g. by a priori    *
*   application of the syntax "transform_KIDSCREEN-27_rawdata.SPS")            *
*   2) based on the RASCH-Person-Parameter Estimates                          *
*   3) T-values were computed wich refer to the entire KIDSCREEN survey        *
*   (excluded were Ireland, cases older than 18, younger than 8, > 25%        *
*   missings in KIDSCREEN items, with one missing in the particular scale)*
*   4) for the entire European sample the mean of the T-values is 50, the      *
*   standard deviation is 10                                                    *
*****

```

RECODE

KY27PHY1

(5=3) (1 thru 2=1) (3 thru 4=2) (ELSE=Copy) INTO KY27PHYc .

VARIABLE LABELS KY27PHYc 'gh\_y01 coll 1 + 2 & 3 + 4 & 5'.

EXECUTE .

MISSING VALUES KY27PHYc (0 + 6 thru 99999) .

EXECUTE .

IF (MISSING(KY27PHYc)) KC27ph\_R = KY27PHY2 + KY27PHY3 + KY27PHY4 + KY27PHY5 .

EXECUTE .

DO IF (MISSING(KY27PHYc)) .

RECODE KC27ph\_R

```

(    4    =    -3.986    )
(    5    =    -2.752    )
(    6    =    -2.145    )
(    7    =    -1.722    )
(    8    =    -1.377    )
(    9    =    -1.07    )
(   10    =    -0.778    )
(   11    =    -0.487    )
(   12    =    -0.187    )
(   13    =     0.128    )
(   14    =     0.463    )
(   15    =     0.824    )
(   16    =     1.221    )
(   17    =     1.671    )
(   18    =     2.21    )
(   19    =     2.926    )
(   20    =     4.232    ) .

```

END IF .

EXECUTE .

IF (MISSING(KY27PHY2)) KC27ph\_R = KY27PHYc + KY27PHY3 + KY27PHY4 + KY27PHY5 .

EXECUTE .

DO IF (MISSING(KY27PHY2)) .

RECODE KC27ph\_R

```

(    4    =    -4.128    )

```

```
(      5      =      -2.794      )
(      6      =      -2.081      )
(      7      =      -1.581      )
(      8      =      -1.178      )
(      9      =      -0.815      )
(     10      =      -0.46      )
(     11      =      -0.096      )
(     12      =      0.289      )
(     13      =      0.703      )
(     14      =      1.157      )
(     15      =      1.671      )
(     16      =      2.281      )
(     17      =      3.068      )
(     18      =      4.426      ) .
```

```
END IF .
EXECUTE .
```

```
IF (MISSING(KY27PHY3)) KC27ph_R = KY27PHYc + KY27PHY2 + KY27PHY4 + KY27PHY5 .
EXECUTE .
```

```
DO IF (MISSING(KY27PHY3)) .
RECODE KC27ph_R
(      4      =      -4.195      )
(      5      =      -2.916      )
(      6      =      -2.254      )
(      7      =      -1.783      )
(      8      =      -1.396      )
(      9      =      -1.044      )
(     10      =      -0.694      )
(     11      =      -0.319      )
(     12      =      0.101      )
(     13      =      0.575      )
(     14      =      1.102      )
(     15      =      1.681      )
(     16      =      2.331      )
(     17      =      3.128      )
(     18      =      4.478      ) .
```

```
END IF .
EXECUTE .
```

```
IF (MISSING(KY27PHY4)) KC27ph_R = KY27PHYc + KY27PHY2 + KY27PHY3 + KY27PHY5 .
EXECUTE .
```

```
DO IF (MISSING(KY27PHY4)) .
RECODE KC27ph_R
(      4      =      -4.209      )
(      5      =      -2.919      )
(      6      =      -2.23      )
(      7      =      -1.72      )
(      8      =      -1.286      )
(      9      =      -0.884      )
(     10      =      -0.491      )
(     11      =      -0.094      )
(     12      =      0.318      )
(     13      =      0.756      )
(     14      =      1.235      )
(     15      =      1.77      )
(     16      =      2.387      )
(     17      =      3.162      )
(     18      =      4.5      ) .
```

```
END IF .
EXECUTE .
```

```
IF (MISSING(KY27PHY5)) KC27ph_R = KY27PHYc + KY27PHY2 + KY27PHY3 + KY27PHY4 .
EXECUTE .
```

```
DO IF (MISSING(KY27PHY5)) .
RECODE KC27ph_R
(      4      =      -3.779      )
(      5      =      -2.564      )
(      6      =      -1.967      )
(      7      =      -1.54      )
(      8      =      -1.182      )
(      9      =      -0.849      )
(     10      =      -0.518      )
(     11      =      -0.171      )
(     12      =       0.2      )
(     13      =       0.604      )
(     14      =       1.047      )
(     15      =       1.545      )
(     16      =       2.134      )
(     17      =       2.903      )
(     18      =       4.261      ) .
END IF .
EXECUTE .
```

```
COUNT
PHYmiss = KY27PHYc KY27PHY2 KY27PHY3 KY27PHY4 KY27PHY5 (MISSING) .
EXECUTE .
RECODE
PHYmiss (0=0) (1=1) (2 thru Highest=SYSMIS) .
EXECUTE .
```

```
IF (PHYmiss=1) KC27ph_T = (((KC27ph_R - 1.2203) / 1.45408) * 10 + 50) .
EXECUTE .
```

```
SORT CASES BY PHYmiss .
SPLIT FILE
LAYERED BY PHYmiss .
FREQUENCIES
VARIABLES=KC27ph_R KC27ph_T
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
/BARCHART FREQ
/ORDER= ANALYSIS .
```

```
IF (MISSING(KY27PWB1)) KC27pw_R = KY27PWB2 + KY27PWB3 + KY27PWB4 + KY27PWB5 +
KY27PWB6 + KY27PWB7 .
EXECUTE .
```

```
DO IF (MISSING(KY27PWB1)) .
RECODE KC27pw_R
(      6      =      -4.399      )
(      7      =      -3.201      )
(      8      =      -2.597      )
```

```

(      9      =      -2.171      )
(     10      =      -1.835      )
(     11      =      -1.552      )

(     12      =      -1.303      )
(     13      =      -1.079      )
(     14      =      -0.871      )
(     15      =      -0.675      )
(     16      =      -0.486      )
(     17      =      -0.3      )
(     18      =      -0.114      )
(     19      =      0.075      )
(     20      =      0.271      )
(     21      =      0.478      )
(     22      =      0.7      )
(     23      =      0.943      )
(     24      =      1.214      )
(     25      =      1.521      )
(     26      =      1.876      )
(     27      =      2.295      )
(     28      =      2.808      )
(     29      =      3.499      )
(     30      =      4.774      ) .

END IF .
EXECUTE .

```

```

IF (MISSING(KY27PWB2)) KC27pw_R = KY27PWB1 + KY27PWB3 + KY27PWB4 + KY27PWB5 +
KY27PWB6 + KY27PWB7 .
EXECUTE .

```

```

DO IF (MISSING(KY27PWB2)) .
RECODE KC27pw_R
(      6      =      -4.154      )
(      7      =      -2.99      )
(      8      =      -2.418      )
(      9      =      -2.024      )
(     10      =      -1.715      )
(     11      =      -1.457      )
(     12      =      -1.23      )
(     13      =      -1.024      )
(     14      =      -0.832      )
(     15      =      -0.649      )
(     16      =      -0.472      )
(     17      =      -0.296      )
(     18      =      -0.119      )
(     19      =      0.061      )
(     20      =      0.249      )
(     21      =      0.447      )
(     22      =      0.659      )
(     23      =      0.891      )
(     24      =      1.147      )
(     25      =      1.435      )
(     26      =      1.766      )
(     27      =      2.156      )
(     28      =      2.635      )
(     29      =      3.291      )
(     30      =      4.532      ) .

END IF .
EXECUTE .

```

```
IF (MISSING(KY27PWB3)) KC27pw_R = KY27PWB1 + KY27PWB2 + KY27PWB4 + KY27PWB5 +
KY27PWB6 + KY27PWB7 .
EXECUTE .
```

```
DO IF (MISSING(KY27PWB3)) .
RECODE KC27pw_R
(      6      =      -4.272      )
(      7      =      -3.08      )
(      8      =      -2.489      )
(      9      =      -2.08      )
(     10      =      -1.76      )
(     11      =      -1.494      )
(     12      =      -1.261      )
(     13      =      -1.049      )
(     14      =      -0.853      )
(     15      =      -0.666      )
(     16      =      -0.484      )
(     17      =      -0.304      )
(     18      =      -0.123      )
(     19      =       0.063      )
(     20      =       0.256      )
(     21      =       0.461      )
(     22      =       0.681      )
(     23      =       0.922      )
(     24      =       1.19      )
(     25      =       1.494      )
(     26      =       1.844      )
(     27      =       2.259      )
(     28      =       2.769      )
(     29      =       3.46      )
(     30      =       4.739      ) .
END IF .
EXECUTE .
```

```
IF (MISSING(KY27PWB4)) KC27pw_R = KY27PWB1 + KY27PWB2 + KY27PWB3 + KY27PWB5 +
KY27PWB6 + KY27PWB7 .
EXECUTE .
```

```
DO IF (MISSING(KY27PWB4)) .
RECODE KC27pw_R
(      6      =      -4.293      )
(      7      =      -3.092      )
(      8      =      -2.492      )
(      9      =      -2.075      )
(     10      =      -1.751      )
(     11      =      -1.48      )
(     12      =      -1.244      )
(     13      =      -1.031      )
(     14      =      -0.833      )
(     15      =      -0.645      )
(     16      =      -0.463      )
(     17      =      -0.283      )
(     18      =      -0.102      )
(     19      =       0.082      )
(     20      =       0.274      )
(     21      =       0.476      )
(     22      =       0.692      )

(     23      =       0.927      )
(     24      =       1.188      )
(     25      =       1.483      )
(     26      =       1.821      )
```

```

(      27      =      2.221 )
(      28      =      2.717 )
(      29      =      3.396 )
(      30      =      4.67  ) .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27PWB5)) KC27pw_R = KY27PWB1 + KY27PWB2 + KY27PWB3 + KY27PWB4 +
KY27PWB6 + KY27PWB7 .
EXECUTE .

```

```

DO IF (MISSING(KY27PWB5)) .
RECODE KC27pw_R
(      6      =      -4.346      )
(      7      =      -3.143      )
(      8      =      -2.536      )
(      9      =      -2.111      )
(     10      =      -1.777      )
(     11      =      -1.498      )
(     12      =      -1.253      )
(     13      =      -1.031      )
(     14      =      -0.826      )
(     15      =      -0.63  )
(     16      =      -0.44  )
(     17      =      -0.252      )
(     18      =      -0.063      )
(     19      =       0.13  )
(     20      =       0.332      )
(     21      =       0.547      )
(     22      =       0.777      )
(     23      =       1.03  )
(     24      =       1.311      )
(     25      =       1.626      )
(     26      =       1.984      )
(     27      =       2.4  )
(     28      =       2.903      )
(     29      =       3.579      )
(     30      =       4.838      ) .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27PWB6)) KC27pw_R = KY27PWB1 + KY27PWB2 + KY27PWB3 + KY27PWB4 +
KY27PWB5 + KY27PWB7 .
EXECUTE .

```

```

DO IF (MISSING(KY27PWB6)) .
RECODE KC27pw_R
(      6      =      -4.4  )
(      7      =      -3.206      )
(      8      =      -2.606      )
(      9      =      -2.187      )
(     10      =      -1.856      )
(     11      =      -1.577      )
(     12      =      -1.332      )
(     13      =      -1.109      )
(     14      =      -0.899      )
(     15      =      -0.699      )
(     16      =      -0.503      )
(     17      =      -0.307      )
(     18      =      -0.11  )
(     19      =       0.094      )

```

```

(      20      =      0.306 )
(      21      =      0.529 )
(      22      =      0.769 )
(      23      =      1.03  )
(      24      =      1.316 )
(      25      =      1.635 )
(      26      =      1.995 )
(      27      =      2.41  )
(      28      =      2.912 )
(      29      =      3.586 )
(      30      =      4.844 )      .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27PWB7)) KC27pw_R = KY27PWB1 + KY27PWB2 + KY27PWB3 + KY27PWB4 +
KY27PWB5 + KY27PWB6 .
EXECUTE .

```

```

DO IF (MISSING(KY27PWB7)) .
RECODE KC27pw_R
(      6      =      -4.367      )
(      7      =      -3.172      )
(      8      =      -2.573      )
(      9      =      -2.157      )
(     10      =      -1.831      )
(     11      =      -1.559      )
(     12      =      -1.321      )
(     13      =      -1.107      )
(     14      =      -0.907      )
(     15      =      -0.718      )
(     16      =      -0.535      )
(     17      =      -0.354      )
(     18      =      -0.173      )
(     19      =      0.013      )
(     20      =      0.206      )
(     21      =      0.411      )
(     22      =      0.633      )
(     23      =      0.876      )
(     24      =      1.149      )
(     25      =      1.459      )
(     26      =      1.818      )
(     27      =      2.243      )
(     28      =      2.763      )
(     29      =      3.462      )
(     30      =      4.745      )      .
END IF .
EXECUTE .

```

```

COUNT
  PWmiss = KY27PWB1 KY27PWB2 KY27PWB3 KY27PWB4 KY27PWB5 KY27PWB6 KY27PWB7
(MISSING) .
EXECUTE .
RECODE
  PWmiss (0=0) (1=1) (2 thru Highest=SYSMIS) .
EXECUTE .

```

```

IF (PWmiss=1) KC27pw_T = (((KC27pw_R - 1.6950) / 1.35642) * 10 + 50) .
EXECUTE .

```

```

SORT CASES BY PWmiss .

```

```

SPLIT FILE
  LAYERED BY PWmiss .
FREQUENCIES
  VARIABLES=KC27pw_R KC27pw_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .

```

```

IF (MISSING(KY27PAR1)) KC27pa_R = KY27PAR2 + KY27PAR3 + KY27PAR4 + KY27PAR5 +
KY27PAR6 + KY27PAR7 .
EXECUTE .

```

```

DO IF (MISSING(KY27PAR1)) .
RECODE KC27pa_R
(      6      =      -3.852      )
(      7      =      -2.677      )
(      8      =      -2.097      )
(      9      =      -1.697      )
(     10      =      -1.387      )
(     11      =      -1.131      )
(     12      =      -0.911      )
(     13      =      -0.717      )
(     14      =      -0.542      )
(     15      =      -0.38      )
(     16      =      -0.228      )
(     17      =      -0.083      )
(     18      =       0.058      )
(     19      =       0.197      )
(     20      =       0.336      )
(     21      =       0.478      )
(     22      =       0.625      )
(     23      =       0.781      )
(     24      =       0.951      )
(     25      =       1.141      )
(     26      =       1.362      )
(     27      =       1.632      )
(     28      =       1.987      )
(     29      =       2.521      )
(     30      =       3.651      ) .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27PAR2)) KC27pa_R = KY27PAR1 + KY27PAR3 + KY27PAR4 + KY27PAR5 +
KY27PAR6 + KY27PAR7 .
EXECUTE .

```

```

DO IF (MISSING(KY27PAR2)) .
RECODE KC27pa_R
(      6      =      -3.89      )
(      7      =      -2.697      )
(      8      =      -2.099      )
(      9      =      -1.683      )
(     10      =      -1.361      )
(     11      =      -1.096      )
(     12      =      -0.871      )
(     13      =      -0.673      )
(     14      =      -0.496      )

```



```
(      15      =      -0.332      )
(      16      =      -0.18      )
(      17      =      -0.034      )
(      18      =      0.107      )
(      19      =      0.247      )
(      20      =      0.387      )
(      21      =      0.53      )
```

```
(      22      =      0.679      )
(      23      =      0.837      )
(      24      =      1.01      )
(      25      =      1.204      )
(      26      =      1.429      )
(      27      =      1.706      )
(      28      =      2.069      )
(      29      =      2.611      )
(      30      =      3.75      ) .
```

```
END IF .
EXECUTE .
```

```
IF (MISSING(KY27PAR3)) KC27pa_R = KY27PAR1 + KY27PAR2 + KY27PAR4 + KY27PAR5 +
KY27PAR6 + KY27PAR7 .
EXECUTE .
```

```
DO IF (MISSING(KY27PAR3)) .
RECODE KC27pa_R
```

```
(      6      =      -3.907      )
(      7      =      -2.724      )
(      8      =      -2.134      )
(      9      =      -1.724      )
(     10      =      -1.404      )
(     11      =      -1.14      )
(     12      =      -0.913      )
(     13      =      -0.712      )
(     14      =      -0.53      )
(     15      =      -0.362      )
(     16      =      -0.204      )
(     17      =      -0.054      )
(     18      =      0.091      )
(     19      =      0.235      )
(     20      =      0.379      )
(     21      =      0.525      )
(     22      =      0.677      )
(     23      =      0.839      )
(     24      =      1.015      )
(     25      =      1.212      )
(     26      =      1.441      )
(     27      =      1.72      )
(     28      =      2.086      )
(     29      =      2.63      )
(     30      =      3.77      ) .
```

```
END IF .
EXECUTE .
```

```
IF (MISSING(KY27PAR4)) KC27pa_R = KY27PAR1 + KY27PAR2 + KY27PAR3 + KY27PAR5 +
KY27PAR6 + KY27PAR7 .
EXECUTE .
```

```
DO IF (MISSING(KY27PAR4)) .
RECODE KC27pa_R
```

```

(      6      =      -3.831      )
(      7      =      -2.665      )
(      8      =      -2.091      )
(      9      =      -1.696      )
(     10      =      -1.39 )
(     11      =      -1.137      )
(     12      =      -0.92 )
(     13      =      -0.727      )
(     14      =      -0.553      )
(     15      =      -0.392      )
(     16      =      -0.241      )
(     17      =      -0.096      )
(     18      =      0.045 )
(     19      =      0.183 )
(     20      =      0.322 )
(     21      =      0.463 )
(     22      =      0.61 )
(     23      =      0.766 )
(     24      =      0.935 )
(     25      =      1.124 )
(     26      =      1.344 )
(     27      =      1.613 )
(     28      =      1.966 )
(     29      =      2.496 )
(     30      =      3.621 )      .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27PAR5)) KC27pa_R = KY27PAR1 + KY27PAR2 + KY27PAR3 + KY27PAR4 +
KY27PAR6 + KY27PAR7 .
EXECUTE .

```

```

DO IF (MISSING(KY27PAR5)) .
RECODE KC27pa_R
(      6      =      -3.865      )
(      7      =      -2.692      )
(      8      =      -2.113      )
(      9      =      -1.713      )
(     10      =      -1.403      )
(     11      =      -1.147      )
(     12      =      -0.928      )
(     13      =      -0.733      )
(     14      =      -0.557      )
(     15      =      -0.395      )
(     16      =      -0.242      )
(     17      =      -0.096      )
(     18      =      0.045 )
(     19      =      0.184 )
(     20      =      0.324 )
(     21      =      0.466 )
(     22      =      0.613 )
(     23      =      0.769 )
(     24      =      0.939 )
(     25      =      1.128 )
(     26      =      1.348 )
(     27      =      1.615 )
(     28      =      1.967 )
(     29      =      2.495 )
(     30      =      3.616 )      .
END IF .
EXECUTE .

```

```
IF (MISSING(KY27PAR6)) KC27pa_R = KY27PAR1 + KY27PAR2 + KY27PAR3 + KY27PAR4 +
KY27PAR5 + KY27PAR7 .
EXECUTE .
```

```
DO IF (MISSING(KY27PAR6)) .
RECODE KC27pa_R
(      6      =      -3.984      )
(      7      =      -2.807      )
(      8      =      -2.221      )
(      9      =      -1.815      )
(     10      =      -1.497      )
(     11      =      -1.233      )
(     12      =      -1.006      )
(     13      =      -0.805      )
(     14      =      -0.622      )
(     15      =      -0.454      )
(     16      =      -0.295      )
(     17      =      -0.144      )
(     18      =      0.003      )
(     19      =      0.148      )
(     20      =      0.293      )
(     21      =      0.442      )
(     22      =      0.596      )
(     23      =      0.76      )
(     24      =      0.938      )
(     25      =      1.138      )
(     26      =      1.371      )
(     27      =      1.654      )
(     28      =      2.025      )
(     29      =      2.576      )
(     30      =      3.722      ) .
END IF .
EXECUTE .
```

```
IF (MISSING(KY27PAR7)) KC27pa_R = KY27PAR1 + KY27PAR2 + KY27PAR3 + KY27PAR4 +
KY27PAR5 + KY27PAR6 .
EXECUTE .
```

```
DO IF (MISSING(KY27PAR7)) .
RECODE KC27pa_R
(      6      =      -3.983      )
(      7      =      -2.805      )
(      8      =      -2.219      )
(      9      =      -1.812      )
(     10      =      -1.493      )
(     11      =      -1.229      )
(     12      =      -1      )
(     13      =      -0.798      )
(     14      =      -0.614      )
(     15      =      -0.444      )
(     16      =      -0.284      )
(     17      =      -0.13      )
(     18      =      0.019      )
(     19      =      0.166      )
(     20      =      0.314      )

(     21      =      0.465      )
(     22      =      0.621      )
(     23      =      0.788      )
(     24      =      0.969      )
(     25      =      1.17      )
```

```

(      26      =      1.404 )
(      27      =      1.689 )
(      28      =      2.06  )
(      29      =      2.609 )
(      30      =      3.754 )      .
END IF .
EXECUTE .

```

```

COUNT
  PARmiss = KY27PAR1 KY27PAR2 KY27PAR3 KY27PAR4 KY27PAR5 KY27PAR6 KY27PAR7
(MISSING) .
EXECUTE .
RECODE
  PARmiss (0=0) (1=1) (2 thru Highest=SYSMIS) .
EXECUTE .

```

```

IF (PARmiss=1) KC27pa_T = (((KC27pa_R - 1.1982) / 1.08822) * 10 + 50) .
EXECUTE .

```

```

SORT CASES BY PARmiss .
SPLIT FILE
  LAYERED BY PARmiss .
FREQUENCIES
  VARIABLES=KC27pa_R KC27pa_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART FREQ
  /ORDER= ANALYSIS .

```

```

IF (MISSING(KY27SOC1)) KC27pe_R = KY27SOC2 + KY27SOC3 + KY27SOC4 .
EXECUTE .

```

```

DO IF (MISSING(KY27SOC1)) .
RECODE KC27pe_R
(      3      =      -3.711      )
(      4      =      -2.474      )
(      5      =      -1.813      )
(      6      =      -1.312      )
(      7      =      -0.88  )
(      8      =      -0.476      )
(      9      =      -0.079      )
(     10      =      0.327  )
(     11      =      0.757  )
(     12      =      1.227  )
(     13      =      1.77  )
(     14      =      2.475  )
(     15      =      3.754  )      .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27SOC2)) KC27pe_R = KY27SOC1 + KY27SOC3 + KY27SOC4 .
EXECUTE .

```

```

DO IF (MISSING(KY27SOC2)) .
RECODE KC27pe_R

```

```

(      3      =      -3.756      )
(      4      =      -2.473      )
(      5      =      -1.77      )
(      6      =      -1.231      )
(      7      =      -0.767      )
(      8      =      -0.339      )
(      9      =      0.075      )
(     10      =      0.494      )
(     11      =      0.938      )
(     12      =      1.43      )
(     13      =      2.008      )
(     14      =      2.758      )
(     15      =      4.09      )      .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27SOC3)) KC27pe_R = KY27SOC1 + KY27SOC2 + KY27SOC4      .
EXECUTE .

```

```

DO IF (MISSING(KY27SOC3)) .
RECODE KC27pe_R
(      3      =      -3.826      )
(      4      =      -2.557      )
(      5      =      -1.869      )
(      6      =      -1.348      )
(      7      =      -0.904      )
(      8      =      -0.496      )
(      9      =      -0.1      )
(     10      =      0.303      )
(     11      =      0.736      )
(     12      =      1.222      )
(     13      =      1.804      )
(     14      =      2.574      )
(     15      =      3.941      )      .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27SOC4)) KC27pe_R = KY27SOC1 + KY27SOC2 + KY27SOC3      .
EXECUTE .

```

```

DO IF (MISSING(KY27SOC4)) .
RECODE KC27pe_R
(      3      =      -3.827      )
(      4      =      -2.564      )
(      5      =      -1.881      )
(      6      =      -1.364      )
(      7      =      -0.92      )

(      8      =      -0.509      )
(      9      =      -0.104      )
(     10      =      0.314      )
(     11      =      0.768      )
(     12      =      1.283      )
(     13      =      1.892      )
(     14      =      2.675      )
(     15      =      4.035      )      .
END IF .
EXECUTE .

```

```

COUNT
  PERmiss = KY27SOC1 KY27SOC2 KY27SOC3 KY27SOC4  (MISSING)  .
EXECUTE .
RECODE
  PERmiss (0=0)  (1=1)  (2 thru Highest=SYSMIS)  .
EXECUTE .

IF (PERmiss=1) KC27pe_T = (((KC27pe_R - 1.7749) / 1.50386) * 10 + 50) .
EXECUTE .

SORT CASES BY PERmiss .
SPLIT FILE
  LAYERED BY PERmiss .
FREQUENCIES
  VARIABLES=KC27pe_R KC27pe_T

  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .

```

```

IF (MISSING(KY27SCH1)) KC27sc_R = KY27SCH2 + KY27SCH3 + KY27SCH4 .
EXECUTE .

```

```

DO IF (MISSING(KY27SCH1)) .
RECODE KC27sc_R
(      3      =      -4.046      )
(      4      =      -2.779      )
(      5      =      -2.118      )
(      6      =      -1.626      )
(      7      =      -1.193      )
(      8      =      -0.768      )
(      9      =      -0.317      )
(     10      =       0.18      )
(     11      =       0.731      )
(     12      =       1.351      )
(     13      =       2.059      )
(     14      =       2.911      )
(     15      =       4.301      ) .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27SCH2)) KC27sc_R = KY27SCH1 + KY27SCH3 + KY27SCH4 .
EXECUTE .

```

```

DO IF (MISSING(KY27SCH2)) .
RECODE KC27sc_R
(      3      =      -3.978      )
(      4      =      -2.664      )
(      5      =      -1.965      )
(      6      =      -1.452      )
(      7      =      -1.018      )
(      8      =      -0.607      )
(      9      =      -0.182      )

```

```

(      10      =      0.287 )
(      11      =      0.82  )
(      12      =      1.429 )
(      13      =      2.131 )
(      14      =      2.982 )
(      15      =      4.373 )      .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27SCH3)) KC27sc_R = KY27SCH1 + KY27SCH2 + KY27SCH4 .
EXECUTE .

```

```

DO IF (MISSING(KY27SCH3)) .
RECODE KC27sc_R

```

```

(      3      =      -3.496      )
(      4      =      -2.379      )
(      5      =      -1.807      )
(      6      =      -1.375      )
(      7      =      -0.99  )
(      8      =      -0.61  )
(      9      =      -0.204      )
(     10      =      0.257  )
(     11      =      0.79  )
(     12      =      1.4    )
(     13      =      2.098  )
(     14      =      2.942  )
(     15      =      4.329  )      .
END IF .
EXECUTE .

```

```

IF (MISSING(KY27SCH4)) KC27sc_R = KY27SCH1 + KY27SCH2 + KY27SCH3 .
EXECUTE .

```

```

DO IF (MISSING(KY27SCH4)) .
RECODE KC27sc_R

```

```

(      3      =      -3.84  )
(      4      =      -2.547      )
(      5      =      -1.898      )
(      6      =      -1.426      )
(      7      =      -1.017      )
(      8      =      -0.618      )
(      9      =      -0.192      )
(     10      =      0.297  )
(     11      =      0.876  )
(     12      =      1.551  )
(     13      =      2.3    )
(     14      =      3.154  )
(     15      =      4.524  )      .
END IF .
EXECUTE .

```

```

COUNT

```

```

    SCHmiss = KY27SCH1 KY27SCH2 KY27SCH3 KY27SCH4 (MISSING) .
EXECUTE .

```

```

RECODE

```

```

    SCHmiss (0=0)  (1=1)  (2 thru Highest=SYSMIS) .
EXECUTE .

```

```
IF (SCHmiss=1) KC27sc_T = (((KC27sc_R - 1.2774) / 1.60553) * 10 + 50) .
EXECUTE .

SORT CASES BY SCHmiss.
SPLIT FILE
  LAYERED BY SCHmiss.
FREQUENCIES
  VARIABLES=KC27sc_R KC27sc_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
  /SEKURT
  /BARCHART FREQ
  /ORDER= ANALYSIS .
```