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*****
*
*       scoring algorithm for the KIDSCREEN-52 self report version       *
*****
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*****
*
*       copyright and intelectual property: The European KIDSCREEN group       *
*****
*
* 1) uses transformed KIDSCREEN item-scores (transformed e.g. by a priori application of the
* syntax "transform_KIDSCREEN-52_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 any
* 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
  KY52PHY1
  (5=3) (1 thru 2=1) (3 thru 4=2) (ELSE=Copy) INTO KY52PHYc .
VARIABLE LABELS KY52PHYc 'gh_y01 coll 1 + 2 & 3 + 4 & 5'.
EXECUTE .
MISSING VALUES KY52PHYc (0 + 6 thru 99999) .
EXECUTE .

```

```

COMPUTE KC52ph_R = (KY52PHYc + KY52PHY2 + KY52PHY3 + KY52PHY4 + KY52PHY5) .
EXECUTE .

```

```

COMPUTE KC52pw_R = (KY52PWB1 + KY52PWB2 + KY52PWB3 + KY52PWB4 + KY52PWB5 +
KY52PWB6) .
EXECUTE .

```

```

COMPUTE KC52me_R = (KY52EMO1 + KY52EMO2 + KY52EMO3 + KY52EMO4 + KY52EMO5 +
KY52EMO6 + KY52EMO7) .
EXECUTE .

```

```

COMPUTE KC52sp_R = (KY52SEL1 + KY52SEL2 + KY52SEL3 + KY52SEL4 + KY52SEL5) .
EXECUTE .

```

```

COMPUTE KC52au_R = (KY52AUT1 + KY52AUT2 + KY52AUT3 + KY52AUT4 + KY52AUT5) .
EXECUTE .

```

```
COMPUTE KC52pa_R = (KY52PAR1 + KY52PAR2 + KY52PAR3 + KY52PAR4 + KY52PAR5 +  
KY52PAR6 ) .  
EXECUTE .
```

```
COMPUTE KC52fi_R = (KY52FIN1 + KY52FIN2 + KY52FIN3 ) .  
EXECUTE .
```

```
COMPUTE KC52pe_R = (KY52SOC1 + KY52SOC2 + KY52SOC3 + KY52SOC4 + KY52SOC5 +  
KY52SOC6 ) .  
EXECUTE .
```

```
COMPUTE KC52sc_R = (KY52SCH1 + KY52SCH2 + KY52SCH3 + KY52SCH4 + KY52SCH5 +  
KY52SCH6 ) .  
EXECUTE .
```

```
COMPUTE KC52bu_R = (KY52BUL1 + KY52BUL2 + KY52BUL3 ) .  
EXECUTE .
```

```
RECODE KC52ph_R
```

```
(      5      =      -4.287 )  
(      6      =      -3.040 )  
(      7      =      -2.405 )  
(      8      =      -1.960 )  
(      9      =      -1.605 )  
(     10      =      -1.296 )  
(     11      =      -1.011 )  
(     12      =      -0.735 )  
(     13      =      -0.456 )  
(     14      =      -0.168 )  
(     15      =       0.134 )  
(     16      =       0.454 )  
(     17      =       0.796 )  
(     18      =       1.166 )  
(     19      =       1.574 )  
(     20      =       2.035 )  
(     21      =       2.582 )  
(     22      =       3.299 )  
(     23      =       4.594 ) .
```

```
EXECUTE .
```

```
RECODE KC52pw_R
```

```
(      6      =      -5.335 )  
(      7      =      -4.045 )  
(      8      =      -3.342 )  
(      9      =      -2.827 )  
(     10      =      -2.417 )  
(     11      =      -2.073 )  
(     12      =      -1.772 )  
(     13      =      -1.496 )  
(     14      =      -1.236 )  
(     15      =      -0.981 )  
(     16      =      -0.727 )
```

```
(      17      =      -0.468 )
(      18      =      -0.200 )
(      19      =       0.078 )
(      20      =       0.370 )
(      21      =       0.677 )
(      22      =       1.003 )
(      23      =       1.355 )
(      24      =       1.738 )
(      25      =       2.159 )
(      26      =       2.623 )
(      27      =       3.138 )
(      28      =       3.728 )
(      29      =       4.477 )
(      30      =       5.795 )
EXECUTE .
```

RECODE KC52me\_R

```
(      7      =      -4.197 )
(      8      =      -3.060 )
(      9      =      -2.511 )
(     10      =      -2.136 )
(     11      =      -1.844 )
(     12      =      -1.602 )
(     13      =      -1.392 )
(     14      =      -1.203 )
(     15      =      -1.029 )
(     16      =      -0.866 )
(     17      =      -0.711 )
(     18      =      -0.560 )
(     19      =      -0.413 )
(     20      =      -0.266 )
(     21      =      -0.118 )
(     22      =       0.033 )
(     23      =       0.189 )
(     24      =       0.351 )
(     25      =       0.522 )
(     26      =       0.705 )
(     27      =       0.904 )
(     28      =       1.122 )
(     29      =       1.364 )
(     30      =       1.639 )
(     31      =       1.958 )
(     32      =       2.338 )
(     33      =       2.816 )
(     34      =       3.477 )
(     35      =       4.731 )
EXECUTE .
```

RECODE KC52sp\_R

```
(      5      =      -3.472 )
(      6      =      -2.342 )
(      7      =      -1.797 )
(      8      =      -1.425 )
(      9      =      -1.137 )
(     10      =      -0.899 )
```

```

(      11      =      -0.692 )
(      12      =      -0.505 )
(      13      =      -0.331 )
(      14      =      -0.166 )
(      15      =      -0.006 )
(      16      =      0.154 )
(      17      =      0.318 )
(      18      =      0.489 )
(      19      =      0.673 )
(      20      =      0.880 )
(      21      =      1.121 )
(      22      =      1.417 )
(      23      =      1.807 )
(      24      =      2.384 )
(      25      =      3.563 )
EXECUTE .

```

RECODE KC52au\_R

```

(      5      =      -4.414 )
(      6      =      -3.175 )
(      7      =      -2.514 )
(      8      =      -2.022 )
(      9      =      -1.612 )
(     10      =      -1.257 )
(     11      =      -0.942 )
(     12      =      -0.660 )
(     13      =      -0.402 )
(     14      =      -0.162 )
(     15      =      0.068 )
(     16      =      0.293 )
(     17      =      0.519 )
(     18      =      0.753 )
(     19      =      1.001 )
(     20      =      1.273 )
(     21      =      1.580 )
(     22      =      1.941 )
(     23      =      2.392 )
(     24      =      3.019 )
(     25      =      4.235 )
EXECUTE .

```

RECODE KC52pa\_R

```

(      6      =      -4.635 )
(      7      =      -3.436 )
(      8      =      -2.825 )
(      9      =      -2.388 )
(     10      =      -2.036 )
(     11      =      -1.732 )
(     12      =      -1.458 )
(     13      =      -1.204 )
(     14      =      -0.963 )
(     15      =      -0.731 )
(     16      =      -0.503 )
(     17      =      -0.277 )
(     18      =      -0.052 )

```

```
(      19      =      0.176 )
(      20      =      0.407 )
(      21      =      0.645 )
(      22      =      0.891 )
(      23      =      1.151 )
(      24      =      1.428 )
(      25      =      1.730 )
(      26      =      2.068 )
(      27      =      2.460 )
(      28      =      2.940 )
(      29      =      3.597 )
(      30      =      4.840 )
EXECUTE .
```

```
RECODE KC52fi_R
(      3      =     -4.214 )
(      4      =     -2.909 )
(      5      =     -2.173 )
(      6      =     -1.591 )
(      7      =     -1.070 )
(      8      =     -0.576 )
(      9      =     -0.087 )
(     10      =      0.412 )
(     11      =      0.944 )
(     12      =      1.537 )
(     13      =      2.230 )
(     14      =      3.099 )
(     15      =      4.538 )
EXECUTE .
```

```
RECODE KC52pe_R
(      6      =     -4.255 )
(      7      =     -3.080 )
(      8      =     -2.495 )
(      9      =     -2.084 )
(     10      =     -1.757 )
(     11      =     -1.480 )
(     12      =     -1.235 )
(     13      =     -1.011 )
(     14      =     -0.802 )
(     15      =     -0.604 )
(     16      =     -0.412 )
(     17      =     -0.224 )
(     18      =     -0.037 )
(     19      =      0.151 )
(     20      =      0.343 )
(     21      =      0.540 )
(     22      =      0.747 )
(     23      =      0.968 )
(     24      =      1.206 )
(     25      =      1.470 )
(     26      =      1.771 )
(     27      =      2.128 )
(     28      =      2.577 )
(     29      =      3.211 )
```

```
(      30      =      4.445  )  
EXECUTE .
```

```
RECODE KC52sc_R
```

```
(      6      =     -4.489  )  
(      7      =     -3.285  )  
(      8      =     -2.688  )  
(      9      =     -2.276  )  
(     10      =     -1.950  )  
(     11      =     -1.673  )  
(     12      =     -1.425  )  
(     13      =     -1.195  )  
(     14      =     -0.976  )  
(     15      =     -0.762  )  
(     16      =     -0.549  )  
(     17      =     -0.334  )  
(     18      =     -0.114  )  
(     19      =      0.113  )  
(     20      =      0.349  )  
(     21      =      0.595  )  
(     22      =      0.854  )  
(     23      =      1.125  )  
(     24      =      1.412  )  
(     25      =      1.720  )  
(     26      =      2.057  )  
(     27      =      2.439  )  
(     28      =      2.901  )  
(     29      =      3.531  )  
(     30      =      4.744  )  
EXECUTE .
```

```
RECODE KC52bu_R
```

```
(      3      =     -2.804  )  
(      4      =     -1.781  )  
(      5      =     -1.296  )  
(      6      =     -0.951  )  
(      7      =     -0.665  )  
(      8      =     -0.402  )  
(      9      =     -0.144  )  
(     10      =      0.127  )  
(     11      =      0.433  )  
(     12      =      0.811  )  
(     13      =      1.328  )  
(     14      =      2.106  )  
(     15      =      3.533  )  
EXECUTE .
```

```
Compute KC52ph_T = (((KC52ph_R - 1.2203) / 1.45408) * 10 + 50) .  
EXECUTE .
```

```
Compute KC52pw_T = (((KC52pw_R - 2.2848) / 1.89819) * 10 + 50) .  
EXECUTE .
```

```
Compute KC52me_T = (((KC52me_R - 1.7678) / 1.41742) * 10 + 50) .
```

```

EXECUTE .
Compute KC52sp_T = (((KC52sp_R - 1.1504) / 1.21962) * 10 + 50) .
EXECUTE .
Compute KC52au_T = (((KC52au_R - 1.4656) / 1.47689) * 10 + 50) .
EXECUTE .
Compute KC52pa_T = (((KC52pa_R - 2.1526) / 1.69373) * 10 + 50) .
EXECUTE .
Compute KC52fi_T = (((KC52fi_R - 1.6970) / 2.20898) * 10 + 50) .
EXECUTE .
Compute KC52pe_T = (((KC52pe_R - 1.4366) / 1.40170) * 10 + 50) .
EXECUTE .
Compute KC52sc_T = (((KC52sc_R - 1.0682) / 1.54456) * 10 + 50) .
EXECUTE .
Compute KC52bu_T = (((KC52bu_R - 2.3615) / 1.32423) * 10 + 50) .
EXECUTE .

```

```

VAR LAB KC52ph_R '52item Physical RASCH PP'.
EXECUTE .
VAR LAB KC52pw_R '52item Psychological Wellbeing RASCH PP'.
EXECUTE .
VAR LAB KC52me_R '52item Moods & Emotions RASCH PP'.
EXECUTE .
VAR LAB KC52sp_R '52item Self Perception RASCH PP'.
EXECUTE .
VAR LAB KC52au_R '52item Autonomy RASCH PP'.
EXECUTE .
VAR LAB KC52pa_R '52item Parents RASCH PP'.
EXECUTE .
VAR LAB KC52fi_R '52item Financial RASCH PP'.
EXECUTE .
VAR LAB KC52pe_R '52item Peers RASCH PP'.
EXECUTE .
VAR LAB KC52sc_R '52item School RASCH PP'.
EXECUTE .
VAR LAB KC52bu_R '52item Bullying RASCH PP'.
EXECUTE .

```

```

VAR LAB KC52ph_T '52item Physical international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KC52pw_T '52item Psychological Wellbeing international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KC52me_T '52item Moods & Emotions international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KC52sp_T '52item Self Perception international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KC52au_T '52item Autonomy international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KC52pa_T '52item Parents international T-values based on RASCH PP'.
EXECUTE .

```

```
VAR LAB KC52fi_T '52item Financuial international T-values based on RASCH PP'.  
EXECUTE .  
VAR LAB KC52pe_T '52item Peers international T-values based on RASCH PP'.  
EXECUTE .  
VAR LAB KC52sc_T '52item School international T-values based on RASCH PP'.  
EXECUTE .  
VAR LAB KC52bu_T '52item Bullying international T-values based on RASCH PP'.  
EXECUTE .
```



