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**
*      scoring algorithm for the KIDSCREEN-52 proxy version      *
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*      copyright and intelectual property: The European KIDSCREEN group      *
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***
*      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 (escluded were      *
*      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
*
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```

RECODE
  KP52PHY1
  (5=3) (1 thru 2=1) (3 thru 4=2) (ELSE=Copy) INTO KP52PHYc .
VARIABLE LABELS KP52PHYc 'gh_y01 coll 1 + 2 & 3 + 4 & 5'.
EXECUTE .
MISSING VALUES KP52PHYc (0 + 6 thru 99999) .
EXECUTE .

```

```

COMPUTE KP52ph_R = (KP52PHYc + KP52PHY2 + KP52PHY3 + KP52PHY4 + KP52PHY5 ) .
EXECUTE .

```

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COMPUTE KP52pw_R = (KP52PWB1 + KP52PWB2 + KP52PWB3 + KP52PWB4 + KP52PWB5 +
KP52PWB6 ) .
EXECUTE .

```

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COMPUTE KP52me_R = (KP52EMO1 + KP52EMO2 + KP52EMO3 + KP52EMO4 + KP52EMO5 +
KP52EMO6 + KP52EMO7 ) .
EXECUTE .

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```

COMPUTE KP52sp_R = (KP52SEL1 + KP52SEL2 + KP52SEL3 + KP52SEL4 + KP52SEL5 ) .
EXECUTE .

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```

COMPUTE KP52au_R = (KP52AUT1 + KP52AUT2 + KP52AUT3 + KP52AUT4 + KP52AUT5 ) .
EXECUTE .

```

```
COMPUTE KP52pa_R = (KP52PAR1 + KP52PAR2 + KP52PAR3 + KP52PAR4 + KP52PAR5 +  
KP52PAR6 ) .  
EXECUTE .
```

```
COMPUTE KP52fi_R = (KP52FIN1 + KP52FIN2 + KP52FIN3 ) .  
EXECUTE .
```

```
COMPUTE KP52pe_R = (KP52SOC1 + KP52SOC2 + KP52SOC3 + KP52SOC4 + KP52SOC5 +  
KP52SOC6 ) .  
EXECUTE .
```

```
COMPUTE KP52sc_R = (KP52SCH1 + KP52SCH2 + KP52SCH3 + KP52SCH4 + KP52SCH5 +  
KP52SCH6 ) .  
EXECUTE .
```

```
COMPUTE KP52bu_R = (KP52BUL1 + KP52BUL2 + KP52BUL3 ) .  
EXECUTE .
```

```
RECODE KP52ph_R  
( 5 = -5.365 )  
( 6 = -3.806 )  
( 7 = -2.984 )  
( 8 = -2.439 )  
( 9 = -2.01 )  
( 10 = -1.641 )  
( 11 = -1.302 )  
( 12 = -0.976 )  
( 13 = -0.642 )  
( 14 = -0.283 )  
( 15 = 0.114 )  
( 16 = 0.559 )  
( 17 = 1.049 )  
( 18 = 1.574 )  
( 19 = 2.116 )  
( 20 = 2.671 )  
( 21 = 3.273 )  
( 22 = 4.015 )  
( 23 = 5.318 ) .  
EXECUTE .
```

```
RECODE KP52pw_R  
( 6 = -6.822 )  
( 7 = -5.508 )  
( 8 = -4.77 )  
( 9 = -4.213 )  
( 10 = -3.758 )  
( 11 = -3.367 )  
( 12 = -3.011 )  
( 13 = -2.668 )  
( 14 = -2.319 )  
( 15 = -1.946 )
```

```
(      16      =      -1.535 )
(      17      =      -1.079 )
(      18      =      -0.579 )
(      19      =      -0.054 )
(      20      =       0.48  )
(      21      =       1.016 )
(      22      =       1.571 )
(      23      =       2.182 )
(      24      =       2.901 )
(      25      =       3.702 )
(      26      =       4.474 )
(      27      =       5.196 )
(      28      =       5.914 )
(      29      =       6.731 )
(      30      =       8.079 ).
```

EXECUTE .

RECODE KP52me\_R

```
(      7      =      -5.709 )
(      8      =      -4.45  )
(      9      =      -3.785 )
(     10      =      -3.299 )
(     11      =      -2.901 )
(     12      =      -2.554 )
(     13      =      -2.241 )
(     14      =      -1.952 )
(     15      =      -1.68  )
(     16      =      -1.42  )
(     17      =      -1.169 )
(     18      =      -0.922 )
(     19      =      -0.677 )
(     20      =      -0.432 )
(     21      =      -0.183 )
(     22      =       0.072 )
(     23      =       0.336 )
(     24      =       0.611 )
(     25      =       0.9   )
(     26      =       1.205 )
(     27      =       1.529 )
(     28      =       1.875 )
(     29      =       2.248 )
(     30      =       2.653 )
(     31      =       3.101 )
(     32      =       3.61  )
(     33      =       4.212 )
(     34      =       4.985 )
(     35      =       6.33  ).
```

EXECUTE .

RECODE KP52sp\_R

```
(      5      =      -4.226 )
(      6      =      -2.947 )
(      7      =      -2.288 )
(      8      =      -1.833 )
(      9      =      -1.484 )
```

```
(      10      =      -1.195 )
(      11      =      -0.944 )
(      12      =      -0.717 )
(      13      =      -0.504 )
(      14      =      -0.297 )
(      15      =      -0.091 )
(      16      =       0.12  )
(      17      =       0.342 )
(      18      =       0.583 )
(      19      =       0.85  )
(      20      =       1.154 )
(      21      =       1.511 )
(      22      =       1.941 )
(      23      =       2.473 )
(      24      =       3.188 )
(      25      =       4.486 ).
EXECUTE .
```

```
RECODE KP52au_R
(      5      =      -5.998 )
(      6      =      -4.701 )
(      7      =      -3.957 )
(      8      =      -3.341 )
(      9      =      -2.744 )
(     10      =      -2.136 )
(     11      =      -1.558 )
(     12      =      -1.056 )
(     13      =      -0.622 )
(     14      =      -0.234 )
(     15      =       0.129 )
(     16      =       0.484 )
(     17      =       0.843 )
(     18      =       1.224 )
(     19      =       1.642 )
(     20      =       2.107 )
(     21      =       2.617 )
(     22      =       3.161 )
(     23      =       3.757 )
(     24      =       4.492 )
(     25      =       5.785 ).
EXECUTE .
```

```
RECODE KP52pa_R
(      6      =      -5.928 )
(      7      =      -4.657 )
(      8      =      -3.974 )
(      9      =      -3.469 )
(     10      =      -3.051 )
(     11      =      -2.678 )
(     12      =      -2.331 )
(     13      =      -1.995 )
(     14      =      -1.663 )
(     15      =      -1.329 )
(     16      =      -0.987 )
(     17      =      -0.633 )
```

```
(      18      =      -0.266 )
(      19      =      0.115 )
(      20      =      0.51  )
(      21      =      0.916 )
(      22      =      1.337 )
(      23      =      1.775 )
(      24      =      2.238 )
(      25      =      2.736 )
(      26      =      3.28  )
(      27      =      3.876 )
(      28      =      4.535 )
(      29      =      5.329 )
(      30      =      6.67  ).
EXECUTE .
```

```
RECODE KP52fi_R
(      3      =      -5.385 )
(      4      =      -3.984 )
(      5      =      -3.097 )
(      6      =      -2.313 )
(      7      =      -1.573 )
(      8      =      -0.853 )
(      9      =      -0.113 )
(     10      =      0.639 )
(     11      =      1.398 )
(     12      =      2.229 )
(     13      =      3.18  )
(     14      =      4.253 )
(     15      =      5.804 ).
EXECUTE .
```

```
RECODE KP52pe_R
(      6      =      -6.422 )
(      7      =      -5.149 )
(      8      =      -4.445 )
(      9      =      -3.891 )
(     10      =      -3.395 )
(     11      =      -2.919 )
(     12      =      -2.453 )
(     13      =      -2.004 )
(     14      =      -1.578 )
(     15      =      -1.175 )
(     16      =      -0.786 )
(     17      =      -0.404 )
(     18      =      -0.023 )
(     19      =      0.362 )
(     20      =      0.752 )
(     21      =      1.151 )
(     22      =      1.566 )
(     23      =      2.003 )
(     24      =      2.464 )
(     25      =      2.939 )
(     26      =      3.42  )
(     27      =      3.918 )
(     28      =      4.47  )
```

```
(      29      =      5.171  )
(      30      =      6.44   ).
EXECUTE .
```

RECODE KP52sc\_R

```
(      6      =     -6.238  )
(      7      =     -4.763  )
(      8      =     -3.936  )
(      9      =     -3.366  )
(     10      =     -2.932  )
(     11      =     -2.57   )
(     12      =     -2.246  )
(     13      =     -1.94   )
(     14      =     -1.638  )
(     15      =     -1.328  )
(     16      =     -0.999  )
(     17      =     -0.645  )
(     18      =     -0.265  )
(     19      =      0.134  )
(     20      =      0.543  )
(     21      =      0.959  )
(     22      =      1.387  )
(     23      =      1.835  )
(     24      =      2.306  )
(     25      =      2.794  )
(     26      =      3.293  )
(     27      =      3.813  )
(     28      =      4.39   )
(     29      =      5.115  )
(     30      =      6.405  ).
EXECUTE .
```

RECODE KP52bu\_R

```
(      3      =     -4.785  )
(      4      =     -3.441  )
(      5      =     -2.65   )
(      6      =     -2     )
(      7      =     -1.406  )
(      8      =     -0.836  )
(      9      =     -0.262  )
(     10      =      0.344  )
(     11      =      1.035  )
(     12      =      1.908  )
(     13      =      2.924  )
(     14      =      3.985  )
(     15      =      5.518  ).
EXECUTE .
```

Compute KP52ph\_T = (((KP52ph\_R - 1.6534) / 1.72649) \* 10 + 50) .

EXECUTE .

Compute KP52pw\_T = (((KP52pw\_R - 3.1795) / 2.46482) \* 10 + 50) .

EXECUTE .

```

Compute KP52me_T = (((KP52me_R - 2.8889) / 1.65309) * 10 + 50) .
EXECUTE .
Compute KP52sp_T = (((KP52sp_R - 1.6327) / 1.36030) * 10 + 50) .
EXECUTE .
Compute KP52au_T = (((KP52au_R - 2.4396) / 1.86406) * 10 + 50) .
EXECUTE .
Compute KP52pa_T = (((KP52pa_R - 2.8588) / 1.98338) * 10 + 50) .
EXECUTE .
Compute KP52fi_T = (((KP52fi_R - 1.7112) / 2.72474) * 10 + 50) .
EXECUTE .
Compute KP52pe_T = (((KP52pe_R - 1.8590) / 1.98474) * 10 + 50) .
EXECUTE .
Compute KP52sc_T = (((KP52sc_R - 1.8857) / 2.00823) * 10 + 50) .
EXECUTE .
Compute KP52bu_T = (((KP52bu_R - 3.8822) / 1.85270) * 10 + 50) .
EXECUTE .

```

```

VAR LAB KP52ph_R 'proxy 52item Physical RASCH PP'.
EXECUTE .
VAR LAB KP52pw_R 'proxy 52item Psychological Wellbeing RASCH PP'.
EXECUTE .
VAR LAB KP52me_R 'proxy 52item Moods & Emotions RASCH PP'.
EXECUTE .
VAR LAB KP52sp_R 'proxy 52item Self Perception RASCH PP'.
EXECUTE .
VAR LAB KP52au_R 'proxy 52item Autonomy RASCH PP'.
EXECUTE .
VAR LAB KP52pa_R 'proxy 52item Parents RASCH PP'.
EXECUTE .
VAR LAB KP52fi_R 'proxy 52item Financial RASCH PP'.
EXECUTE .
VAR LAB KP52pe_R 'proxy 52item Peers RASCH PP'.
EXECUTE .
VAR LAB KP52sc_R 'proxy 52item School RASCH PP'.
EXECUTE .
VAR LAB KP52bu_R 'proxy 52item Bullying RASCH PP'.
EXECUTE .

```

```

VAR LAB KP52ph_T 'proxy 52item Physical international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KP52pw_T 'proxy 52item Psychological Wellbeing international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KP52me_T 'proxy 52item Moods & Emotions international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KP52sp_T 'proxy 52item Self Perception international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KP52au_T 'proxy 52item Autonomy international T-values based on RASCH PP'.
EXECUTE .
VAR LAB KP52pa_T 'proxy 52item Parents international T-values based on RASCH PP'.

```

```
EXECUTE .  
VAR LAB KP52fi_T 'proxy 52item Financuial international T-values based on RASCH PP'.  
EXECUTE .  
VAR LAB KP52pe_T 'proxy 52item Peers international T-values based on RASCH PP'.  
EXECUTE .  
VAR LAB KP52sc_T 'proxy 52item School international T-values based on RASCH PP'.  
EXECUTE .  
VAR LAB KP52bu_T 'proxy 52item Bullying international T-values based on RASCH PP'.  
EXECUTE .
```



