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*****
*****
*           scoring algorithm for the KIDSCREEN-27 proxy version           *
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*****
*           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 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

```

    KP27PHY1
    (5=3) (1 thru 2=1) (3 thru 4=2) (ELSE=Copy) INTO KP27PHYc .
VARIABLE LABELS KP27PHYc 'gh_y01 coll 1 + 2 & 3 + 4 & 5'.
EXECUTE .
MISSING VALUES KP27PHYc (0 + 6 thru 99999) .
EXECUTE .

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COMPUTE KP27ph_R = (KP27PHYc + KP27PHY2 + KP27PHY3 + KP27PHY4 + KP27PHY5 ) .
EXECUTE .

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COMPUTE KP27pw_R = (KP27PWB1 + KP27PWB2 + KP27PWB3 + KP27PWB4 + KP27PWB5 +
KP27PWB6 + KP27PWB7 ) .
EXECUTE .

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COMPUTE KP27pa_R = (KP27PAR1 + KP27PAR2 + KP27PAR3 + KP27PAR4 + KP27PAR5 +
KP27PAR6 + KP27PAR7 ) .
EXECUTE .

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COMPUTE KP27pe_R = (KP27SOC1 + KP27SOC2 + KP27SOC3 + KP27SOC4 ) .
EXECUTE .

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COMPUTE KP27sc_R = (KP27SCH1 + KP27SCH2 + KP27SCH3 + KP27SCH4 ) .
EXECUTE .

```

RECODE KP27ph_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    )

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```
( 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 KP27pw_R

```
( 7 = -5.861 )
( 8 = -4.59 )
( 9 = -3.903 )
( 10 = -3.388 )
( 11 = -2.962 )
( 12 = -2.594 )
( 13 = -2.267 )
( 14 = -1.971 )
( 15 = -1.697 )
( 16 = -1.44 )
( 17 = -1.192 )
( 18 = -0.949 )
( 19 = -0.707 )
( 20 = -0.463 )
( 21 = -0.214 )
( 22 = 0.041 )
( 23 = 0.305 )
( 24 = 0.581 )
( 25 = 0.871 )
( 26 = 1.18 )
( 27 = 1.515 )
( 28 = 1.884 )
( 29 = 2.298 )
( 30 = 2.759 )
( 31 = 3.263 )
( 32 = 3.803 )
( 33 = 4.399 )
( 34 = 5.139 )
( 35 = 6.44 ).
```

EXECUTE .

RECODE KP27pa_R

```
( 7 = -4.89 )
( 8 = -3.671 )
( 9 = -3.037 )
( 10 = -2.574 )
( 11 = -2.197 )
( 12 = -1.872 )
( 13 = -1.586 )
( 14 = -1.328 )
( 15 = -1.093 )
( 16 = -0.877 )
( 17 = -0.674 )
( 18 = -0.481 )
( 19 = -0.297 )
( 20 = -0.118 )
( 21 = 0.057 )
( 22 = 0.231 )
( 23 = 0.405 )
( 24 = 0.581 )
( 25 = 0.761 )
```

```
( 26 = 0.948 )
( 27 = 1.144 )
( 28 = 1.354 )
( 29 = 1.582 )
( 30 = 1.835 )
( 31 = 2.125 )
( 32 = 2.468 )
( 33 = 2.9 )
( 34 = 3.51 )
( 35 = 4.708 ) .
```

EXECUTE .

RECODE KP27pe_R

```
( 4 = -6.203 )
( 5 = -4.846 )
( 6 = -4.017 )
( 7 = -3.278 )
( 8 = -2.529 )
( 9 = -1.813 )
( 10 = -1.177 )
( 11 = -0.585 )
( 12 = 0.002 )
( 13 = 0.597 )
( 14 = 1.21 )
( 15 = 1.857 )
( 16 = 2.555 )
( 17 = 3.27 )
( 18 = 3.986 )
( 19 = 4.799 )
( 20 = 6.145 ) .
```

EXECUTE .

RECODE KP27sc_R

```
( 4 = -5.843 )
( 5 = -4.284 )
( 6 = -3.362 )
( 7 = -2.73 )
( 8 = -2.24 )
( 9 = -1.803 )
( 10 = -1.367 )
( 11 = -0.888 )
( 12 = -0.331 )
( 13 = 0.287 )
( 14 = 0.914 )
( 15 = 1.574 )
( 16 = 2.318 )
( 17 = 3.112 )
( 18 = 3.896 )
( 19 = 4.763 )
( 20 = 6.157 ) .
```

EXECUTE .

Compute KP27ph_T = (((KP27ph_R - 1.6534) / 1.72649) * 10 + 50) .

EXECUTE .

Compute KP27pw_T = (((KP27pw_R - 2.3939) / 1.53339) * 10 + 50) .

EXECUTE .

Compute KP27pa_T = (((KP27pa_R - 1.4540) / 1.11661) * 10 + 50) .

EXECUTE .

Compute KP27pe_T = (((KP27pe_R - 2.0309) / 2.02229) * 10 + 50) .

EXECUTE .

Compute KP27sc_T = (((KP27sc_R - 2.0341) / 1.99441) * 10 + 50) .

EXECUTE .

VAR LAB KP27ph_R 'proxy 27item Physical RASCH PP'.

EXECUTE .

VAR LAB KP27pw_R 'proxy 27item Psychological Wellbeing RASCH PP'.

EXECUTE .

VAR LAB KP27pa_R 'proxy 27item Parents RASCH PP'.

EXECUTE .

VAR LAB KP27pe_R 'proxy 27item Peers RASCH PP'.

EXECUTE .

VAR LAB KP27sc_R 'proxy 27item School RASCH PP'.

EXECUTE .

VAR LAB KP27ph_T 'proxy 27item Physical international T-values based on RASCH PP'.

EXECUTE .

VAR LAB KP27pw_T 'proxy 27item Psychological Wellbeing international T-values based on RASCH PP'.

EXECUTE .

VAR LAB KP27pa_T 'proxy 27item Parents international T-values based on RASCH PP'.

EXECUTE .

VAR LAB KP27pe_T 'proxy 27item Peers international T-values based on RASCH PP'.

EXECUTE .

VAR LAB KP27sc_T 'proxy 27item School international T-values based on RASCH PP'.

EXECUTE .