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*****
*           scoring algorithm for the KIDSCREEN-10 self report 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-10_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                                               *
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COMPUTE KC10IN_R = (KY10IN01 + KY10IN02 + KY10IN03 + KY10IN04 + KY10IN05 +
KY10IN06 + KY10IN07 + KY10IN08 + KY10IN09 + KY10IN10 ) .
EXECUTE .

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```

RECODE KC10in_R
( 10 = -4.327 )
( 11 = -3.206 )
( 12 = -2.675 )
( 13 = -2.319 )
( 14 = -2.049 )
( 15 = -1.831 )
( 16 = -1.645 )
( 17 = -1.483 )
( 18 = -1.339 )
( 19 = -1.207 )
( 20 = -1.085 )
( 21 = -0.971 )
( 22 = -0.863 )
( 23 = -0.760 )
( 24 = -0.660 )
( 25 = -0.563 )
( 26 = -0.468 )
( 27 = -0.374 )
( 28 = -0.281 )
( 29 = -0.187 )
( 30 = -0.093 )
( 31 = 0.002 )
( 32 = 0.100 )
( 33 = 0.199 )
( 34 = 0.302 )
( 35 = 0.409 )
( 36 = 0.520 )
( 37 = 0.637 )
( 38 = 0.760 )
( 39 = 0.891 )
( 40 = 1.031 )
( 41 = 1.183 )

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( 42 = 1.348 )  
( 43 = 1.529 )  
( 44 = 1.732 )  
( 45 = 1.961 )  
( 46 = 2.226 )  
( 47 = 2.545 )  
( 48 = 2.951 )  
( 49 = 3.533 )  
( 50 = 4.703 ) .  
EXECUTE .
```

```
Compute KC10in_T = (((KC10in_R - 1.2078) / 1.03377) * 10 + 50) .  
EXECUTE .
```

```
VAR LAB KC10in_R '10item General HRQoL index RASCH PP'.  
EXECUTE .
```

```
VAR LAB KC10in_T '10item General HRQoL index international T-values based on  
RASCH PP'.  
EXECUTE .
```