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****************************************************************************
*  scoring algorithm for the KIDSCREEN-52 self report version with 1 Missing  *
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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-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 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
  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 .


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

DO IF (MISSING(KY52PHYc)) .
RECODE KC52ph_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(KY52PHY2)) KC52ph_R = KY52PHYc + KY52PHY3 + KY52PHY4 + KY52PHY5 .
EXECUTE .

DO IF (MISSING(KY52PHY2)) .
RECODE KC52ph_R
(      4      =      -4.128      )
(      5      =      -2.794      )
(      6      =      -2.081      )
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(      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(KY52PHY3)) KC52ph_R = KY52PHYc + KY52PHY2 + KY52PHY4 + KY52PHY5 .
EXECUTE .

DO IF (MISSING(KY52PHY3)) .
RECODE KC52ph_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(KY52PHY4)) KC52ph_R = KY52PHYc + KY52PHY2 + KY52PHY3 + KY52PHY5 .
EXECUTE .

DO IF (MISSING(KY52PHY4)) .
RECODE KC52ph_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(KY52PHY5)) KC52ph_R = KY52PHYc + KY52PHY2 + KY52PHY3 + KY52PHY4 .
EXECUTE .
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DO IF (MISSING(KY52PHY5)) .
RECODE KC52ph_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 = KY52PHYc KY52PHY2 KY52PHY3 KY52PHY4 KY52PHY5  (MISSING)  .
EXECUTE .
RECODE
  PHYmiss  (0=0)  (1=1)  (2 thru Highest=SYSMIS)  .
EXECUTE .

IF (PHYmiss=1) KC52ph_T = (((KC52ph_R  - 1.2203)  / 1.45408) * 10 + 50) .
EXECUTE .


SORT CASES BY PHYmiss .
SPLIT FILE
  LAYERED BY PHYmiss .
FREQUENCIES
  VARIABLES=KC52ph_R KC52ph_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .




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

DO IF (MISSING(KY52PWB1)) .
RECODE KC52pw_R
(      5       =       -5.269      )
(      6       =       -3.946      )
(      7       =       -3.198      )
(      8       =       -2.634      )
(      9       =       -2.181      )
(      10      =       -1.799      )
(      11      =       -1.46 )
(      12      =       -1.144      )
(      13      =       -0.835      )
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(      14      =      -0.523      )
(      15      =      -0.202      )
(      16      =       0.133 )
(      17      =       0.486 )
(      18      =       0.864 )
(      19      =       1.274 )
(      20      =       1.731 )
(      21      =       2.25  )
(      22      =       2.84  )
(      23      =       3.512 )
(      24      =       4.329 )
(      25      =       5.695 )      .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52PWB2)) .
RECODE KC52pw_R
(       5      =      -5.275      )
(       6      =      -3.955      )
(       7      =      -3.208      )
(       8      =      -2.643      )
(       9      =      -2.182      )
(      10      =      -1.79 )
(      11      =      -1.439      )
(      12      =      -1.107      )
(      13      =      -0.782      )
(      14      =      -0.452      )
(      15      =      -0.111      )
(      16      =       0.246 )
(      17      =       0.623 )
(      18      =       1.027 )
(      19      =       1.466 )
(      20      =       1.95  )
(      21      =       2.475 )
(      22      =       3.039 )
(      23      =       3.664 )
(      24      =       4.436 )
(      25      =       5.768 )      .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52PWB3)) .
RECODE KC52pw_R
(       5      =      -5.289      )
(       6      =      -3.976      )
(       7      =      -3.241      )
(       8      =      -2.689      )
(       9      =      -2.24 )
(      10      =      -1.857      )
(      11      =      -1.512      )
(      12      =      -1.188      )
(      13      =      -0.87 )
(      14      =      -0.549      )
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(    15    =    -0.22 )
(    16    =    0.123 )
(    17    =    0.484 )
(    18    =    0.868 )
(    19    =    1.287 )
(    20    =    1.755 )
(    21    =    2.286 )
(    22    =    2.883 )
(    23    =    3.551 )

(    24    =    4.359 )
(    25    =    5.717 )         .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52PWB4)) .
RECODE KC52pw_R
(    5    =    -4.973    )
(    6    =    -3.645    )
(    7    =    -2.934    )
(    8    =    -2.432    )
(    9    =    -2.038    )
(    10   =    -1.702    )
(    11   =    -1.397    )
(    12   =    -1.108    )
(    13   =    -0.821    )
(    14   =    -0.529    )
(    15   =    -0.225    )
(    16   =    0.095 )
(    17   =    0.435 )
(    18   =    0.798 )
(    19   =    1.191 )
(    20   =    1.623 )
(    21   =    2.104 )
(    22   =    2.642 )
(    23   =    3.259 )
(    24   =    4.036 )
(    25   =    5.383 )      .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52PWB5)) .
RECODE KC52pw_R
(    5    =    -4.981    )

(    6    =    -3.652    )
(    7    =    -2.94 )
(    8    =    -2.438    )
(    9    =    -2.043    )
(    10   =    -1.707    )
(    11   =    -1.402    )
(    12   =    -1.112    )
(    13   =    -0.825    )
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(     14     =     -0.532     )
(     15     =     -0.227     )
(     16     =      0.095 )
(     17     =      0.437 )
(     18     =      0.803 )
(     19     =      1.199 )
(     20     =      1.635 )
(     21     =      2.121 )
(     22     =      2.668 )
(     23     =      3.3   )
(     24     =      4.101 )
(     25     =      5.483 )        .
END IF .
EXECUTE .




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

DO IF (MISSING(KY52PWB6)) .
RECODE KC52pw_R
(     5      =     -5.136     )
(     6      =     -3.783     )
(     7      =     -3.034     )
(     8      =     -2.502     )
(     9      =     -2.089     )
(     10     =     -1.742     )
(     11     =     -1.43 )
(     12     =     -1.135     )
(     13     =     -0.842     )
(     14     =     -0.542     )
(     15     =     -0.229     )
(     16     =      0.103 )
(     17     =      0.456 )
(     18     =      0.834 )
(     19     =      1.243 )
(     20     =      1.694 )
(     21     =      2.203 )
(     22     =      2.782 )
(     23     =      3.451 )
(     24     =      4.277 )
(     25     =      5.657 )        .
END IF .
EXECUTE .




COUNT
  PWmiss = KY52PWB1 KY52PWB2 KY52PWB3 KY52PWB4 KY52PWB5 KY52PWB6 (MISSING)  .
EXECUTE .
RECODE
  PWmiss  (0=0)  (1=1)  (2 thru Highest=SYSMIS)  .
EXECUTE .

IF (PWmiss=1) KC52pw_T  = (((KC52pw_R  - 2.2848)  / 1.89819) * 10 + 50) .
EXECUTE .




SORT CASES BY PWmiss .
SPLIT FILE
  LAYERED BY PWmiss .
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FREQUENCIES
  VARIABLES=KC52pw_R  KC52pw_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .




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

DO IF (MISSING(KY52EMO1)) .
RECODE KC52me_R
(       6      =      -4.022      )
(       7      =      -2.876      )
(       8      =      -2.319      )
(       9      =      -1.937      )
(      10      =      -1.638      )
(      11      =      -1.388      )
(      12      =      -1.169      )
(      13      =      -0.971      )
(      14      =      -0.787      )
(      15      =      -0.612      )
(      16      =      -0.442      )
(      17      =      -0.275      )
(      18      =      -0.108      )
(      19      =      0.063 )
(      20      =      0.24  )
(      21      =      0.426 )
(      22      =      0.624 )
(      23      =      0.838 )
(      24      =      1.075 )
(      25      =      1.342 )
(      26      =      1.651 )
(      27      =      2.019 )
(      28      =      2.486 )
(      29      =      3.143 )
(      30      =      4.405 )        .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52EMO2)) .
RECODE KC52me_R
(       6      =      -3.943      )
(       7      =      -2.814      )
(       8      =      -2.27 )
(       9      =      -1.897      )
(      10      =      -1.607      )
(      11      =      -1.364      )
(      12      =      -1.151      )
(      13      =      -0.958      )
(      14      =      -0.777      )
(      15      =      -0.605      )
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(      16      =      -0.438      )
(      17      =      -0.273      )
(      18      =      -0.108      )
(      19      =      0.061 )
(      20      =      0.237 )
(      21      =      0.421 )
(      22      =      0.619 )
(      23      =      0.833 )
(      24      =      1.07  )
(      25      =      1.337 )
(      26      =      1.647 )
(      27      =      2.017 )
(      28      =      2.487 )
(      29      =      3.149 )
(      30      =      4.419 )      .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52EMO3)) .
RECODE KC52me_R
(      6       =      -4.015      )
(      7       =      -2.869      )
(      8       =      -2.31 )
(      9       =      -1.926      )
(      10      =      -1.626      )
(      11      =      -1.374      )
(      12      =      -1.154      )
(      13      =      -0.954      )
(      14      =      -0.767      )
(      15      =      -0.589      )
(      16      =      -0.416      )
(      17      =      -0.245      )
(      18      =      -0.073      )
(      19      =      0.104 )
(      20      =      0.288 )
(      21      =      0.483 )
(      22      =      0.692 )
(      23      =      0.922 )
(      24      =      1.178 )
(      25      =      1.468 )
(      26      =      1.806 )
(      27      =      2.208 )
(      28      =      2.709 )
(      29      =      3.395 )
(      30      =      4.67  )      .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52EMO4)) .
RECODE KC52me_R
(      6       =      -4.034      )
(      7       =      -2.888      )
(      8       =      -2.33 )
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(      9     =      -1.945      )
(     10     =      -1.643      )
(     11     =      -1.39 )
(     12     =      -1.167      )
(     13     =      -0.965      )
(     14     =      -0.776      )
(     15     =      -0.596      )
(     16     =      -0.421      )
(     17     =      -0.247      )
(     18     =      -0.073      )
(     19     =       0.105 )
(     20     =       0.291 )
(     21     =       0.487 )
(     22     =       0.698 )
(     23     =       0.928 )
(     24     =       1.184 )
(     25     =       1.474 )
(     26     =       1.811 )
(     27     =       2.212 )
(     28     =       2.712 )
(     29     =       3.397 )
(     30     =       4.671 )        .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52EMO5)) .
RECODE KC52me_R
(      6     =      -4.074      )
(      7     =      -2.932      )
(      8     =      -2.377      )
(      9     =      -1.995      )
(     10     =      -1.698      )
(     11     =      -1.449      )
(     12     =      -1.23 )
(     13     =      -1.032      )
(     14     =      -0.848      )
(     15     =      -0.673      )
(     16     =      -0.504      )
(     17     =      -0.336      )
(     18     =      -0.168      )
(     19     =       0.004 )
(     20     =       0.182 )
(     21     =       0.371 )
(     22     =       0.573 )
(     23     =       0.795 )
(     24     =       1.042 )
(     25     =       1.325 )
(     26     =       1.656 )
(     27     =       2.056 )
(     28     =       2.566 )
(     29     =       3.271 )
(     30     =       4.572 )        .
END IF .
EXECUTE .


IF (MISSING(KY52EMO6)) KC52me_R = KY52EMO1 + KY52EMO2 + KY52EMO3 + KY52EMO4 +
KY52EMO5 + KY52EMO7 .
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```
EXECUTE .

DO IF (MISSING(KY52EMO6)) .
RECODE KC52me_R
(       6       =       -4.096      )
(       7       =       -2.951      )
(       8       =       -2.393      )
(       9       =       -2.009      )
(      10       =       -1.707      )
(      11       =       -1.453      )
(      12       =       -1.229      )
(      13       =       -1.025      )
(      14       =       -0.833      )
(      15       =       -0.65 )
(      16       =       -0.471      )
(      17       =       -0.294      )
(      18       =       -0.114      )
(      19       =       0.069 )
(      20       =       0.261 )
(      21       =       0.464 )
(      22       =       0.681 )
(      23       =       0.918 )
(      24       =       1.18  )
(      25       =       1.476 )
(      26       =       1.816 )
(      27       =       2.22  )
(      28       =       2.721 )
(      29       =       3.405 )
(      30       =       4.678 )      .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52EMO7)) .
RECODE KC52me_R
(       6       =       -4.123      )
(       7       =       -2.98 )
(       8       =       -2.424      )
(       9       =       -2.041      )
(      10       =       -1.742      )
(      11       =       -1.491      )
(      12       =       -1.27 )
(      13       =       -1.07 )
(      14       =       -0.884      )
(      15       =       -0.706      )
(      16       =       -0.533      )
(      17       =       -0.362      )
(      18       =       -0.19 )
(      19       =       -0.014      )
(      20       =       0.17  )
(      21       =       0.364 )
(      22       =       0.574 )
(      23       =       0.805 )
(      24       =       1.064 )
(      25       =       1.36  )
(      26       =       1.706 )
(      27       =       2.122 )
(      28       =       2.639 )
(      29       =       3.341 )
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(      30      =      4.631 )        .
END IF .
EXECUTE .




COUNT
  MEmiss = KY52EMO1 KY52EMO2 KY52EMO3 KY52EMO4 KY52EMO5 KY52EMO6 KY52EMO7
(MISSING)   .
EXECUTE .
RECODE
  MEmiss  (0=0)  (1=1)  (2 thru Highest=SYSMIS)  .
EXECUTE .

IF (MEmiss=1) KC52me_T  = (((KC52me_R  - 1.7678)  / 1.41742) * 10 + 50) .
EXECUTE .

SORT CASES BY MEmiss .
SPLIT FILE
  LAYERED BY MEmiss .
FREQUENCIES
  VARIABLES=KC52me_R  KC52me_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .




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

DO IF (MISSING(KY52SEL1)) .
RECODE KC52sp_R
(       4      =      -3.062       )
(       5      =      -1.965       )
(       6      =      -1.439       )
(       7      =      -1.08 )
(       8      =      -0.801       )
(       9      =      -0.566       )
(      10      =      -0.356       )
(      11      =      -0.162       )
(      12      =      0.024 )
(      13      =      0.21  )
(      14      =      0.402 )
(      15      =      0.608 )
(      16      =      0.841 )
(      17      =      1.122 )
(      18      =      1.49  )
(      19      =      2.043 )
(      20      =      3.201 )        .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52SEL2)) .
RECODE KC52sp_R
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```
(      4      =      -3.05 )
(      5      =      -1.911      )
(      6      =      -1.378      )
(      7      =      -1.023      )
(      8      =      -0.748      )
(      9      =      -0.516      )
(     10      =      -0.31 )
(     11      =      -0.117      )
(     12      =      0.069 )
(     13      =      0.256 )
(     14      =      0.451 )
(     15      =      0.662 )
(     16      =      0.904 )
(     17      =      1.199 )
(     18      =      1.591 )
(     19      =      2.179 )
(     20      =      3.382 )      .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52SEL3)) .
RECODE KC52sp_R
(      4      =      -3.376      )
(      5      =      -2.233      )
(      6      =      -1.673      )
(      7      =      -1.285      )
(      8      =      -0.98 )
(      9      =      -0.721      )
(     10      =      -0.491      )
(     11      =      -0.279      )
(     12      =      -0.075      )
(     13      =      0.126 )
(     14      =      0.332 )
(     15      =      0.55  )
(     16      =      0.796 )
(     17      =      1.091 )
(     18      =      1.476 )
(     19      =      2.051 )
(     20      =      3.239 )      .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52SEL4)) .
RECODE KC52sp_R
(      4      =      -3.29 )
(      5      =      -2.135      )
(      6      =      -1.56 )
(      7      =      -1.155      )
(      8      =      -0.836      )
(      9      =      -0.568      )
(     10      =      -0.334      )
(     11      =      -0.12 )
(     12      =      0.082 )
(     13      =      0.281 )
(     14      =      0.487 )
```

```
(      15     =       0.708 )
(      16     =       0.961 )
(      17     =       1.268 )
(      18     =       1.67  )
(      19     =       2.262 )
(      20     =       3.461 )         .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52SEL5)) .
RECODE KC52sp_R
(       4     =      -3.424        )
(       5     =      -2.286        )
(       6     =      -1.731        )
(       7     =      -1.348        )
(       8     =      -1.046        )
(       9     =      -0.791        )
(      10     =      -0.563        )
(      11     =      -0.35 )
(      12     =      -0.143        )
(      13     =      0.067 )
(      14     =      0.287 )
(      15     =      0.528 )
(      16     =      0.803 )
(      17     =      1.137 )
(      18     =      1.569 )
(      19     =      2.191 )
(      20     =      3.417 )        .
END IF .
EXECUTE .



COUNT
  SPmiss = KY52SEL1 KY52SEL2 KY52SEL3 KY52SEL4 KY52SEL5 (MISSING)   .
EXECUTE .
RECODE
  SPmiss  (0=0)  (1=1)  (2 thru Highest=SYSMIS)  .
EXECUTE .

IF (SPmiss=1) KC52sp_T  = (((KC52sp_R  - 1.1504)  / 1.21962) * 10 + 50) .
EXECUTE .

SORT CASES BY SPmiss .
SPLIT FILE
  LAYERED BY SPmiss .
FREQUENCIES
  VARIABLES=KC52sp_R  KC52sp_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .





IF (MISSING(KY52AUT1)) KC52au_R = KY52AUT2 + KY52AUT3 + KY52AUT4 + KY52AUT5 .
EXECUTE .
```

```
DO IF (MISSING(KY52AUT1)) .
RECODE KC52au_R
(      4      =      -4.125      )
(      5      =      -2.861      )
(      6      =      -2.173      )
(      7      =      -1.653      )
(      8      =      -1.22 )
(      9      =      -0.847      )
(     10      =      -0.519      )
(     11      =      -0.221      )
(     12      =      0.058 )
(     13      =      0.331 )
(     14      =      0.607 )
(     15      =      0.899 )
(     16      =      1.223 )
(     17      =      1.601 )
(     18      =      2.071 )
(     19      =      2.722 )
(     20      =      3.967 )        .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52AUT2)) .
RECODE KC52au_R
(      4      =      -4.178      )
(      5      =      -2.904      )
(      6      =      -2.206      )
(      7      =      -1.678      )
(      8      =      -1.237      )
(      9      =      -0.858      )
(     10      =      -0.524      )
(     11      =      -0.222      )
(     12      =      0.06  )
(     13      =      0.335 )
(     14      =      0.612 )
(     15      =      0.905 )
(     16      =      1.229 )
(     17      =      1.605 )
(     18      =      2.072 )
(     19      =      2.72  )
(     20      =      3.959 )        .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52AUT3)) .
RECODE KC52au_R
(      4      =      -4.251      )
(      5      =      -2.975      )
(      6      =      -2.273      )
(      7      =      -1.736      )
(      8      =      -1.286      )
(      9      =      -0.896      )
(     10      =      -0.549      )
(     11      =      -0.233      )
```

```
(     12     =     0.065 )
(     13     =     0.357 )
(     14     =     0.654 )
(     15     =     0.969 )
(     16     =     1.316 )
(     17     =     1.715 )
(     18     =     2.203 )
(     19     =     2.865 )
(     20     =     4.112 )          .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52AUT4)) .
RECODE KC52au_R
(     4      =     -4.25 )
(     5      =     -2.974     )
(     6      =     -2.271     )
(     7      =     -1.736     )
(     8      =     -1.289     )
(     9      =     -0.904     )
(     10     =     -0.566     )
(     11     =     -0.261     )
(     12     =     0.024 )
(     13     =     0.301 )
(     14     =     0.582 )
(     15     =     0.878 )
(     16     =     1.207 )
(     17     =     1.589 )
(     18     =     2.063 )
(     19     =     2.719 )
(     20     =     3.967 )          .
END IF .
EXECUTE .


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

DO IF (MISSING(KY52AUT5)) .
RECODE KC52au_R

(     4      =     -4.213     )
(     5      =     -2.922     )
(     6      =     -2.198     )
(     7      =     -1.638     )
(     8      =     -1.171     )
(     9      =     -0.778     )
(     10     =     -0.44 )
(     11     =     -0.138     )
(     12     =     0.142 )
(     13     =     0.416 )
(     14     =     0.694 )
(     15     =     0.991 )
(     16     =     1.321 )
(     17     =     1.707 )
(     18     =     2.186 )


(     19     =     2.844 )
(     20     =     4.091 )          .
```

```
END IF .
EXECUTE .


COUNT
  AUTmiss = KY52AUT1 KY52AUT2 KY52AUT3 KY52AUT4 KY52AUT5 (MISSING)  .
EXECUTE .
RECODE
  AUTmiss (0=0)  (1=1)  (2 thru Highest=SYSMIS)  .
EXECUTE .

IF (AUTmiss=1) KC52au_T  = (((KC52au_R  - 1.4656)  / 1.47689) * 10 + 50) .
EXECUTE .

SORT CASES BY AUTmiss .
SPLIT FILE
  LAYERED BY AUTmiss .
FREQUENCIES
  VARIABLES=KC52au_R  KC52au_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .




IF (MISSING(KY52PAR1)) KC52pa_R = KY52PAR2 + KY52PAR3 + KY52PAR4 + KY52PAR5 +
KY52PAR6 .
EXECUTE .

DO IF (MISSING(KY52PAR1)) .
RECODE KC52pa_R
(       5     =      -4.56 )
(       6     =      -3.344       )
(       7     =      -2.713       )
(       8     =      -2.254       )
(       9     =      -1.875       )
(      10     =      -1.541       )
(      11     =      -1.234       )
(      12     =      -0.943       )
(      13     =      -0.661       )
(      14     =      -0.386       )
(      15     =      -0.114       )
(      16     =       0.159 )
(      17     =       0.434 )
(      18     =       0.717 )
(      19     =       1.014 )
(      20     =       1.331 )
(      21     =       1.682 )
(      22     =       2.084 )
(      23     =       2.576 )
(      24     =       3.249 )
(      25     =       4.515 )        .
END IF .
EXECUTE .


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

```
DO IF (MISSING(KY52PAR2)) .
RECODE KC52pa_R
(       5       =       -4.469          )
(       6       =       -3.227          )

(       7       =       -2.569          )
(       8       =       -2.084          )
(       9       =       -1.684          )
(       10      =       -1.334          )
(       11      =       -1.017          )
(       12      =       -0.72 )
(       13      =       -0.436          )
(       14      =       -0.159          )
(       15      =       0.115 )
(       16      =       0.389 )
(       17      =       0.669 )
(       18      =       0.958 )
(       19      =       1.262 )
(       20      =       1.589 )
(       21      =       1.95  )
(       22      =       2.363 )
(       23      =       2.863 )
(       24      =       3.536 )
(       25      =       4.795 )          .
END IF .
EXECUTE .


IF (MISSING(KY52PAR3)) KC52pa_R = KY52PAR1 + KY52PAR2 + KY52PAR4 + KY52PAR5 +
KY52PAR6 .
EXECUTE .


DO IF (MISSING(KY52PAR3)) .
RECODE KC52pa_R
(       5       =       -4.337          )
(       6       =       -3.138          )
(       7       =       -2.525          )
(       8       =       -2.082          )
(       9       =       -1.72 )
(       10      =       -1.401          )
(       11      =       -1.108          )
(       12      =       -0.829          )
(       13      =       -0.557          )
(       14      =       -0.289          )
(       15      =       -0.021          )
(       16      =       0.25  )
(       17      =       0.527 )
(       18      =       0.813 )
(       19      =       1.114 )
(       20      =       1.439 )
(       21      =       1.8   )
(       22      =       2.217 )
(       23      =       2.726 )
(       24      =       3.417 )
(       25      =       4.696 )          .
END IF .
EXECUTE .


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

```
DO IF (MISSING(KY52PAR4)) .
RECODE KC52pa_R
(      5      =      -4.445       )
(      6      =      -3.233       )
(      7      =      -2.612       )
(      8      =      -2.167       )
(      9      =      -1.804       )
(      10     =      -1.488       )
(      11     =      -1.199       )
(      12     =      -0.926       )
(      13     =      -0.662       )
(      14     =      -0.402       )
(      15     =      -0.141       )
(      16     =      0.124 )
(      17     =      0.396 )
(      18     =      0.679 )
(      19     =      0.978 )
(      20     =      1.3   )
(      21     =      1.655 )
(      22     =      2.062 )
(      23     =      2.559 )
(      24     =      3.235 )
(      25     =      4.504 )        .
END IF .
EXECUTE .


IF (MISSING(KY52PAR5)) KC52pa_R = KY52PAR1 + KY52PAR2 + KY52PAR3 + KY52PAR4 +
KY52PAR6 .
EXECUTE .

DO IF (MISSING(KY52PAR5)) .
RECODE KC52pa_R
(      5      =      -4.449       )
(      6      =      -3.225       )
(      7      =      -2.593       )
(      8      =      -2.136       )
(      9      =      -1.763       )
(      10     =      -1.437       )
(      11     =      -1.139       )
(      12     =      -0.858       )
(      13     =      -0.586       )
(      14     =      -0.318       )
(      15     =      -0.05 )
(      16     =      0.22  )
(      17     =      0.498 )
(      18     =      0.787 )
(      19     =      1.093 )
(      20     =      1.424 )
(      21     =      1.794 )
(      22     =      2.221 )
(      23     =      2.739 )
(      24     =      3.435 )
(      25     =      4.715 )        .
END IF .
EXECUTE .


IF (MISSING(KY52PAR6)) KC52pa_R = KY52PAR1 + KY52PAR2 + KY52PAR3 + KY52PAR4 +
KY52PAR5 .
EXECUTE .

DO IF (MISSING(KY52PAR6)) .
```

```
RECODE KC52pa_R
(      5      =      -4.488      )
(      6      =      -3.27 )
(      7      =      -2.64 )
(      8      =      -2.186      )
(      9      =      -1.816      )
(     10      =      -1.492      )
(     11      =      -1.195      )
(     12      =      -0.914      )
(     13      =      -0.641      )
(     14      =      -0.371      )
(     15      =      -0.099      )
(     16      =      0.178 )
(     17      =      0.465 )
(     18      =      0.765 )
(     19      =      1.084 )
(     20      =      1.429 )
(     21      =      1.811 )
(     22      =      2.247 )
(     23      =      2.77  )
(     24      =      3.465 )
(     25      =      4.741 )        .
END IF .
EXECUTE .


COUNT
  PARmiss = KY52PAR1 KY52PAR2 KY52PAR3 KY52PAR4 KY52PAR5 KY52PAR6 (MISSING)   .
EXECUTE .
RECODE
  PARmiss (0=0)  (1=1)  (2 thru Highest=SYSMIS)  .
EXECUTE .

IF (PARmiss=1) KC52pa_T  = (((KC52pa_R  - 2.1526)  / 1.69373) * 10 + 50) .
EXECUTE .

SORT CASES BY PARmiss .
SPLIT FILE
  LAYERED BY PARmiss .
FREQUENCIES
  VARIABLES=KC52pa_R  KC52pa_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .




IF (MISSING(KY52SOC1)) KC52pe_R = KY52SOC2 + KY52SOC3 + KY52SOC4 + KY52SOC5 +
KY52SOC6 .
EXECUTE .

DO IF (MISSING(KY52SOC1)) .
RECODE KC52pe_R
(      5      =      -3.974      )
(      6      =      -2.801      )
(      7      =      -2.214      )
(      8      =      -1.799      )
(      9      =      -1.464      )
(     10      =      -1.176      )
(     11      =      -0.917      )
(     12      =      -0.677      )
```

```
(      13      =      -0.448      )
(      14      =      -0.226      )
(      15      =      -0.006      )
(      16      =      0.214 )
(      17      =      0.44  )
(      18      =      0.675 )
(      19      =      0.926 )
(      20      =      1.199 )
(      21      =      1.508 )
(      22      =      1.872 )
(      23      =      2.332 )
(      24      =      2.983 )
(      25      =      4.248 )      .
END IF .
EXECUTE .


IF (MISSING(KY52SOC2)) KC52pe_R = KY52SOC1 + KY52SOC3 + KY52SOC4 + KY52SOC5 +
KY52SOC6 .
EXECUTE .

DO IF (MISSING(KY52SOC2)) .
RECODE KC52pe_R
(      5      =      -4.186      )
(      6      =      -3.001      )
(      7      =      -2.404      )
(      8      =      -1.98 )
(      9      =      -1.639      )
(      10      =      -1.345      )
(      11      =      -1.081      )
(      12      =      -0.836      )
(      13      =      -0.602      )
(      14      =      -0.375      )
(      15      =      -0.15 )
(      16      =      0.077 )
(      17      =      0.309 )
(      18      =      0.55  )
(      19      =      0.805 )
(      20      =      1.081 )
(      21      =      1.388 )
(      22      =      1.743 )
(      23      =      2.183 )
(      24      =      2.797 )
(      25      =      4      )      .
END IF .
EXECUTE .


IF (MISSING(KY52SOC3)) KC52pe_R = KY52SOC1 + KY52SOC2 + KY52SOC4 + KY52SOC5 +
KY52SOC6 .
EXECUTE .

DO IF (MISSING(KY52SOC3)) .
RECODE KC52pe_R
(      5      =      -4.012      )
(      6      =      -2.811      )
(      7      =      -2.2  )
(      8      =      -1.765      )
(      9      =      -1.416      )
(      10      =      -1.116      )
(      11      =      -0.849      )
(      12      =      -0.602      )
(      13      =      -0.369      )
```

```
(     14    =     -0.144      )
(     15    =      0.079 )
(     16    =      0.302 )
(     17    =      0.531 )
(     18    =      0.771 )
(     19    =      1.027 )
(     20    =      1.308 )
(     21    =      1.625 )
(     22    =      1.999 )
(     23    =      2.466 )
(     24    =      3.119 )
(     25    =      4.373 )         .
END IF .
EXECUTE .


IF (MISSING(KY52SOC4)) KC52pe_R = KY52SOC1 + KY52SOC2 + KY52SOC3 + KY52SOC5 +
KY52SOC6 .
EXECUTE .

DO IF (MISSING(KY52SOC4)) .
RECODE KC52pe_R
(      5    =     -4.059      )
(      6    =     -2.864      )
(      7    =     -2.259      )
(      8    =     -1.83 )
(      9    =     -1.487      )
(     10    =     -1.194      )
(     11    =     -0.931      )
(     12    =     -0.689      )
(     13    =     -0.459      )
(     14    =     -0.237      )
(     15    =     -0.017      )
(     16    =      0.205 )
(     17    =      0.433 )
(     18    =      0.672 )
(     19    =      0.928 )
(     20    =      1.209 )
(     21    =      1.529 )
(     22    =      1.907 )
(     23    =      2.381 )
(     24    =      3.046 )
(     25    =      4.315 )         .
END IF .
EXECUTE .


IF (MISSING(KY52SOC5)) KC52pe_R = KY52SOC1 + KY52SOC2 + KY52SOC3 + KY52SOC4 +
KY52SOC6 .
EXECUTE .

DO IF (MISSING(KY52SOC5)) .
RECODE KC52pe_R
(      5    =     -4.159      )
(      6    =     -2.972      )
(      7    =     -2.373      )
(      8    =     -1.947      )
(      9    =     -1.605      )
(     10    =     -1.311      )
(     11    =     -1.047      )
(     12    =     -0.802      )
(     13    =     -0.57 )
(     14    =     -0.344      )
```

```
(     15    =       -0.12  )
(     16    =        0.105 )
(     17    =        0.337 )
(     18    =        0.581 )
(     19    =        0.843 )
(     20    =        1.132 )
(     21    =        1.46  )
(     22    =        1.848 )
(     23    =        2.335 )
(     24    =        3.012 )
(     25    =        4.292 )       .
END IF .
EXECUTE .


IF (MISSING(KY52SOC6)) KC52pe_R = KY52SOC1 + KY52SOC2 + KY52SOC3 + KY52SOC4 +
KY52SOC5 .
EXECUTE .

DO IF (MISSING(KY52SOC6)) .
RECODE KC52pe_R
(     5     =       -4.062       )
(     6     =       -2.87  )
(     7     =       -2.268       )
(     8     =       -1.841       )
(     9     =       -1.499       )
(     10    =       -1.205       )
(     11    =       -0.941       )
(     12    =       -0.696       )
(     13    =       -0.463       )
(     14    =       -0.236       )
(     15    =       -0.012       )
(     16    =        0.215 )
(     17    =        0.448 )
(     18    =        0.693 )
(     19    =        0.955 )
(     20    =        1.243 )
(     21    =        1.568 )
(     22    =        1.95  )
(     23    =        2.426 )
(     24    =        3.088 )
(     25    =        4.35  )       .
END IF .
EXECUTE .



COUNT
  SOCmiss = KY52SOC1 KY52SOC2 KY52SOC3 KY52SOC4 KY52SOC5 KY52SOC6 (MISSING)   .
EXECUTE .
RECODE
  SOCmiss (0=0)  (1=1)  (2 thru Highest=SYSMIS)   .
EXECUTE .

IF (SOCmiss=1) KC52pe_T  = (((KC52pe_R  - 1.4366)  / 1.40170) * 10 + 50) .
EXECUTE .


SORT CASES BY SOCmiss .
SPLIT FILE
  LAYERED BY SOCmiss .
FREQUENCIES
  VARIABLES=KC52pe_R  KC52pe_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
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  /BARCHART  FREQ
  /ORDER=  ANALYSIS .




IF (MISSING(KY52SCH1)) KC52sc_R = KY52SCH2 + KY52SCH3 + KY52SCH4 + KY52SCH5 +
KY52SCH6 .
EXECUTE .

DO IF (MISSING(KY52SCH1)) .
RECODE KC52sc_R
(      5      =      -4.409      )
(      6      =      -3.18 )
(      7      =      -2.559      )
(      8      =      -2.12 )
(      9      =      -1.766      )
(     10      =      -1.456      )
(     11      =      -1.171      )
(     12      =      -0.901      )
(     13      =      -0.637      )
(     14      =      -0.375      )
(     15      =      -0.109      )
(     16      =       0.165 )
(     17      =       0.449 )
(     18      =       0.747 )
(     19      =       1.06  )
(     20      =       1.393 )
(     21      =       1.754 )
(     22      =       2.158 )
(     23      =       2.64  )
(     24      =       3.289 )
(     25      =       4.518 )      .
END IF .
EXECUTE .




IF (MISSING(KY52SCH2)) KC52sc_R = KY52SCH1 + KY52SCH3 + KY52SCH4 + KY52SCH5 +
KY52SCH6 .
EXECUTE .

DO IF (MISSING(KY52SCH2)) .
RECODE KC52sc_R
(      5      =      -4.347      )
(      6      =      -3.09 )
(      7      =      -2.448      )
(      8      =      -1.999      )
(      9      =      -1.644      )
(     10      =      -1.34 )
(     11      =      -1.066      )
(     12      =      -0.808      )
(     13      =      -0.556      )
(     14      =      -0.304      )
(     15      =      -0.047      )
(     16      =       0.219 )
(     17      =       0.498 )
(     18      =       0.791 )
(     19      =       1.101 )
(     20      =       1.431 )
(     21      =       1.79  )
(     22      =       2.194 )
(     23      =       2.676 )
(     24      =       3.327 )
```

```
(      25     =      4.558 )        .
END IF .
EXECUTE .


IF (MISSING(KY52SCH3)) KC52sc_R = KY52SCH1 + KY52SCH2 + KY52SCH4 + KY52SCH5 +
KY52SCH6 .
EXECUTE .

DO IF (MISSING(KY52SCH3)) .
RECODE KC52sc_R
(       5     =    -4.418        )
(       6     =    -3.195        )
(       7     =    -2.583        )
(       8     =    -2.153        )
(       9     =    -1.808        )
(      10     =    -1.508        )
(      11     =    -1.233        )
(      12     =    -0.97 )
(      13     =    -0.71 )
(      14     =    -0.449        )
(      15     =    -0.181        )
(      16     =     0.098 )
(      17     =     0.391 )
(      18     =     0.701 )
(      19     =     1.031 )
(      20     =     1.384 )
(      21     =     1.767 )
(      22     =     2.193 )
(      23     =     2.695 )
(      24     =     3.361 )
(      25     =     4.603 )        .
END IF .
EXECUTE .


IF (MISSING(KY52SCH4)) KC52sc_R = KY52SCH1 + KY52SCH2 + KY52SCH3 + KY52SCH5 +
KY52SCH6 .
EXECUTE .

DO IF (MISSING(KY52SCH4)) .
RECODE KC52sc_R
(       5     =    -3.955        )
(       6     =    -2.839        )
(       7     =    -2.293        )
(       8     =    -1.906        )
(       9     =    -1.59 )
(      10     =    -1.312        )
(      11     =    -1.055        )
(      12     =    -0.807        )
(      13     =    -0.563        )
(      14     =    -0.316        )
(      15     =    -0.061        )
(      16     =     0.205 )
(      17     =     0.483 )
(      18     =     0.776 )
(      19     =     1.086 )
(      20     =     1.416 )
(      21     =     1.774 )
(      22     =     2.176 )
(      23     =     2.657 )
(      24     =     3.304 )
(      25     =     4.533 )        .
```

```
END IF .
EXECUTE .


IF (MISSING(KY52SCH5)) KC52sc_R = KY52SCH1 + KY52SCH2 + KY52SCH3 + KY52SCH4 +
KY52SCH6 .
EXECUTE .

DO IF (MISSING(KY52SCH5)) .
RECODE KC52sc_R
(      5      =      -4.431        )
(      6      =      -3.214        )
(      7      =      -2.607        )
(      8      =      -2.183        )
(      9      =      -1.845        )
(     10      =      -1.553        )
(     11      =      -1.286        )
(     12      =      -1.032        )
(     13      =      -0.783        )
(     14      =      -0.531        )
(     15      =      -0.27 )
(     16      =       0.005 )
(     17      =       0.298 )
(     18      =       0.61  )
(     19      =       0.944 )
(     20      =       1.302 )
(     21      =       1.689 )
(     22      =       2.121 )
(     23      =       2.63  )
(     24      =       3.302 )
(     25      =       4.552 )       .
END IF .
EXECUTE .


IF (MISSING(KY52SCH6)) KC52sc_R = KY52SCH1 + KY52SCH2 + KY52SCH3 + KY52SCH4 +
KY52SCH5 .
EXECUTE .

DO IF (MISSING(KY52SCH6)) .
RECODE KC52sc_R
(      5      =      -4.232        )
(      6      =      -2.991        )
(      7      =      -2.382        )
(      8      =      -1.961        )
(      9      =      -1.626        )
(     10      =      -1.334        )
(     11      =      -1.067        )
(     12      =      -0.812        )
(     13      =      -0.56 )
(     14      =      -0.306        )
(     15      =      -0.043        )
(     16      =       0.231 )
(     17      =       0.52  )
(     18      =       0.826 )
(     19      =       1.15  )
(     20      =       1.494 )
(     21      =       1.865 )
(     22      =       2.278 )
(     23      =       2.767 )
(     24      =       3.42  )
(     25      =       4.652 )       .
END IF .
```

```
EXECUTE .


COUNT
  SCHmiss = KY52SCH1 KY52SCH2 KY52SCH3 KY52SCH4 KY52SCH5 KY52SCH6 (MISSING)  .
EXECUTE .
RECODE
  SCHmiss (0=0)  (1=1)  (2 thru Highest=SYSMIS)  .
EXECUTE .

IF (SCHmiss=1) KC52sc_T  = (((KC52sc_R  - 1.0682)  / 1.54456) * 10 + 50) .
EXECUTE .

SORT CASES BY SCHmiss .
SPLIT FILE
  LAYERED BY SCHmiss .
FREQUENCIES
  VARIABLES=KC52sc_R  KC52sc_T
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS SESKEW KURTOSIS
SEKURT
  /BARCHART  FREQ
  /ORDER=  ANALYSIS .
```