

\* Encoding: UTF-8.

\*\*\*\*\*

\* ShortForm2017\_PsychologicalWell-Being.

\* Last updated: May 2019.

\* Sum score SHORTENED RAND 36 psychological well-being subscale:100point scale.

\* This score is shortened because it is based on THREE instead of FIVE items.

\* NOTE1: this syntax only works if you define the missing range of the source variables in the variable view tab.

\* NOTE2: this syntax only produces a sum score if all 3 PW items are filled out; with 1 or more missing PW items you cannot calculate a SHORTENED RAND subscale sum score.

\* This is because the original scoring instruction for the full length RAND subscore advises only to calculate sum scores when half (plus one) items are available:

\*

<https://www.umcg.nl/EN/Research/InstitutesProgrammes/SHARE/researchtools/tools/Paginas/RAND36.aspx>.

\* For Mental Wellbeing subscore (based on 5 items) half plus one = 3.

\* ADVICE: run this syntax in pieces; running it all at once may create errors/incorrect results.

\*\*\*\*\*

MISSING VALUES SF\_TO\_PW\_CALM SF\_TO\_PW\_BLUE SF\_TO\_PW\_HAPPY ( 9999 ).

\*\*\* Create recode dummy \*\*\*.

COMPUTE SF\_TO\_PWR\_CALM = SF\_TO\_PW\_CALM.

COMPUTE SF\_TO\_PWR\_BLUE=SF\_TO\_PW\_BLUE.

```
COMPUTE SF_TO_PWR_HAPPY = SF_TO_PW_HAPPY.
```

```
EXECUTE.
```

```
*** First recode ***.
```

```
RECODE SF_TO_PWR_CALM SF_TO_PWR_HAPPY (1=6) (2=5) (3=4) (4=3) (5=2) (6=1) .
```

```
EXECUTE .
```

```
*** Then SUM ***.
```

```
COMPUTE SF_TO_PWR_SUM = SUM (SF_TO_PWR_CALM, SF_TO_PWR_BLUE, SF_TO_PWR_HAPPY).
```

```
EXECUTE.
```

```
*** Count missings ***.
```

```
COMPUTE numberofitems=0.
```

```
EXECUTE.
```

```
IF (SF_TO_PWR_CALM GT 0 and SF_TO_PWR_CALM LT 7) numberofitems=numberofitems +1.
```

```
IF (SF_TO_PWR_BLUE GT 0 and SF_TO_PWR_BLUE LT 7) numberofitems=numberofitems +1.
```

```
IF (SF_TO_PWR_HAPPY GT 0 and SF_TO_PWR_HAPPY LT 7) numberofitems=numberofitems +1.
```

```
EXECUTE.
```

```
*** 100point scale***.
```

```
COMPUTE SF_TO_PW=9999.
```

```
EXECUTE.
```

```
IF (numberofitems = 3) SF_TO_PW=(SF_TO_PWR_SUM - numberofitems) / (numberofitems * 5) *  
100.
```

```
EXECUTE.
```

```
VARIABLE LABELS SF_TO_PW 'Shortened Psychological Welll-being sum score care receiver baseline'.
```

```
FORMATS SF_TO_PW (F8.1).
```

MISSING VALUES SF\_TO\_PW ( 9999 ).

\*\*\* Delete created variables \*\*\*.

DELETE VARIABLES SF\_TO\_PWR\_CALM, SF\_TO\_PWR\_BLUE, SF\_TO\_PWR\_HAPPY, SF\_TO\_PWR\_SUM,  
numberofitems.

EXECUTE.