

* Encoding: UTF-8.

* CR_Baseline_MDS2017_Multimorbidity.

* Last updated on date: June 6, 2018.

* SPSS syntax for morbidity sum- and dichotomous scores.

* Note: for the morbidity items (n=17) there are 2 response options: 'Yes' (1) or 'No' (0);

* As a TOPICS-MDS data user you have to decide for yourself whether you take missing values into account or not;

* The syntax below takes missing values into account: Yes=Yes, No=No and missing=missing.

** Beforehand, you could check if a missing value actually means 'No' based on the response pattern -> if you are sure it means 'No', you recode the missing value into 0 ('No');

* Another way to calculate multimorbidity is to only use the morbidity items where response is 'Yes'(1) and to disregard all morbidity items where response is 'No' (0) or missing; in other words:

** Missing values and 'No' are combined into one response category; -> in order to do this, you recode all 'No' (0) into sysmis.

** You then get a count for the number of diseases when at least one disease is present, but you don't get a count for the number of persons without any disease.

** This option is not included in the current syntax.

* Missing values:.

* 1- If necessary, recode missing values into '0', if you are sure a missing value means 'disease/condition not present ('No')'.

* 2- Otherwise, recode missing values into 9999 (missing).

MISSING VALUES T0_MORB1, T0_MORB2, T0_MORB3, T0_MORB4, T0_MORB5, T0_MORB6,
T0_MORB7, T0_MORB8,

T0_MORB9, T0_MORB10, T0_MORB11, T0_MORB12, T0_MORB13, T0_MORB14, T0_MORB15,
T0_MORB16, T0_MORB17 (9999).

* Calculate multimorbidity.

COMPUTE T0_morb_sum_ = SUM(T0_MORB1, T0_MORB2, T0_MORB3, T0_MORB4, T0_MORB5,
T0_MORB6, T0_MORB7, T0_MORB8,

T0_MORB9, T0_MORB10, T0_MORB11, T0_MORB12, T0_MORB13, T0_MORB14, T0_MORB15,
T0_MORB16, T0_MORB17).

EXECUTE.

IF (T0_morb_sum GT 17) T0_morb_sum= 9999.

IF ((T0_morb_sum >0) AND (T0_morb_sum <18)) T0_morb_di = 1.

IF (T0_morb_sum = 0) T0_morb_di =0.

IF (T0_morb_sum = 9999) T0_morb_di =9999.

IF (missing(T0_morb_sum)) T0_morb_di =9999.

IF (T0_morb_sum = 0) T0_morb_mult =0.

IF (T0_morb_sum = 1) T0_morb_mult =0.

IF ((T0_morb_sum >1) AND (T0_morb_sum <18)) T0_morb_mult = 1.

IF (T0_morb_sum=9999) T0_morb_mult = 9999.

IF (missing(T0_morb_sum)) T0_morb_mult =9999.

EXECUTE.

MISSING VALUES T0_morb_sum T0_morb_di T0_morb_mult (9999).

VARIABLE LABELS

T0_morb_sum 'T0_morb_sum: Number of positive scored morbidity items for care receiver baseline'

T0_morb_di 'T0_morb_di: Disease/condition present for care receiver baseline'

T0_morb_mult 'T0_morb_mult: More than one disease/condition present for care receiver baseline'.

VALUE LABELS

T0_morb_di 0 'No diseases/conditions present' 1 'One or more diseases/conditions present' /

T0_morb_mult 0 'No multimorbidity' 1 'Multimorbidity (2 of more diseases/conditions present)' .

FREQUENCIES VARIABLES=T0_morb_sum T0_morb_di T0_morb_mult

/ORDER=ANALYSIS.