

* Encoding: UTF-8.

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* ShortForm2017_Casemix_Multimorbidity.

* Morbidity items are part of the TOPICS Short Form 2017 casemix.

* Last updated: September 20, 2018.

* SPSS syntax for morbidity sum- and dichotomous scores.

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

* As a TOPICS Short Form 2017 data user you have 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.

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* 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 SF_TO_MORBa, SF_TO_MORBb, SF_TO_MORBc, SF_TO_MORBd, SF_TO_MORBe,
SF_TO_MORBf, SF_TO_MORBg, SF_TO_MORBh,

SF_TO_MORBi, SF_TO_MORBj, SF_TO_MORBk, SF_TO_MORBl, SF_TO_MORBm, SF_TO_MORBn,
SF_TO_MORBo, SF_TO_MORBp, SF_TO_MORBq (9999).

* Calculate multimorbidity.

COMPUTE SF_TO_morb_sum= SUM(SF_TO_MORBa, SF_TO_MORBb, SF_TO_MORBc, SF_TO_MORBd,
SF_TO_MORBe, SF_TO_MORBf, SF_TO_MORBg, SF_TO_MORBh,

SF_TO_MORBi, SF_TO_MORBj, SF_TO_MORBk, SF_TO_MORBl, SF_TO_MORBm, SF_TO_MORBn,
SF_TO_MORBo, SF_TO_MORBp, SF_TO_MORBq).

EXECUTE.

IF (SF_TO_morb_sum GT 17) SF_TO_morb_sum= 9999.

IF ((SF_TO_morb_sum >0) AND (SF_TO_morb_sum <18)) SF_TO_morb_di = 1.

IF (SF_TO_morb_sum = 0) SF_TO_morb_di =0.

IF (SF_TO_morb_sum = 9999) SF_TO_morb_di =9999.

IF (missing(SF_TO_morb_sum)) SF_TO_morb_di =9999.

IF (SF_TO_morb_sum = 0) SF_TO_morb_mult =0.

IF (SF_TO_morb_sum = 1) SF_TO_morb_mult =0.

IF ((SF_TO_morb_sum >1) AND (SF_TO_morb_sum <18)) SF_TO_morb_mult = 1.

IF (SF_TO_morb_sum=9999) SF_TO_morb_mult = 9999.

IF (missing(SF_TO_morb_sum)) SF_TO_morb_mult =9999.

EXECUTE.

MISSING VALUES SF_TO_morb_sum SF_TO_morb_di SF_TO_morb_mult (9999).

VARIABLE LABELS SF_T0_morb_sum 'SF_T0_morb_sum: Number of positive scored morbidity items for care receiver baseline'.

VARIABLE LABELS SF_T0_morb_di 'SF_T0_morb_di: Disease/condition present for care receiver baseline'.

VARIABLE LABELS SF_T0_morb_mult 'SF_T0_morb_mult: More than one disease/condition present for care receiver baseline'.

VALUE LABELS SF_T0_morb_di 0 'No diseases/conditions present' 1 'One or more diseases/conditions present'.

VALUE LABELS SF_T0_morb_mult 0 'No multimorbidity' 1 'Multimorbidity (2 of more diseases/conditions present)'.

FREQUENCIES VARIABLES=SF_T0_morb_sum SF_T0_morb_di SF_T0_morb_mult
/ORDER=ANALYSIS.