

Australian Nutrition Screening Initiative, ANSI

Cohort : 1921-26 OLD cohort

Survey 1 and 2 only

Variables o1ansi o2ansi

Background

Posner et al (1993) describes the development of the original American NSI

Lipski et al 's paper is usually referred to as the development paper.

Cobiac et al's paper describes the first implementation of the ANSI which was with a sub-group from the Australian Longitudinal Study of Ageing.

Input items

Variable OLD 1	OLD 2	Description / text
O1q49a		During the past four weeks, how many different types of medication (eg tablets/medicine) have you used which were: Prescribed by a doctor (NOTE: Coded 1-5 in mid2) 0 None 1 One 2 Two 3 Three 4 Four or more
O1q45		In the last six months, have you: 1 Lost 5 kg (1 stone) or more on purpose 2 Lost 5kg (1 stone) or more without wanting to 3 Not lost 5 kg (1 stone) or more
O1q46		In the last six months, have you: 1 Gained 5 kg (1 stone) or more on purpose 2 Gained 5kg (1 stone) or more without wanting to 3 Not gained 5 kg (1 stone) or more
O1q49a	o2q25a	I have an illness or condition that made me change the kind and/or amount of food I eat
O1q49b	o2q25b	I eat at least 3 meals a day
O1q49c	o2q25c	I eat fruit or vegetables most days
O1q49d	o2q25d	I eat dairy products most days
O1q49e	o2q25e	I have 3 or more glasses of beer, wine or spirits almost every day
O1q49f	o2q25f	I have 6 to 8 cups of fluids (eg. water, juice, tea or coffee) most days
O1q49g	o2q25g	I have teeth, mouth or swallowing problems which make it hard for me to eat
O1q49h	o2q25h	I always have enough money to buy food
O1q49i	o2q25i	I eat alone most of the time
O1q49j	O2q25l	I am always able to shop, cook and/or feed myself
	o2q25j	I take 3 or more different prescribed or over the counter medicines every day

	O2q25k	Without wanting to, I have lost or gained 5 kg in the last 6 months
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SAS code for the ANSI variable

Survey 1 Code

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if olq49j=9 then olq49j=. ;

olansi = 0 ;
if olq49a = 1 then olansi = olansi + 2 ;
if olq49b = 2 then olansi = olansi + 3 ;
if olq49c = 2 then olansi = olansi + 2 ;
if olq49d = 2 then olansi = olansi + 2 ;
if olq49e = 1 then olansi = olansi + 3 ;
if olq49f = 2 then olansi = olansi + 1 ;
if olq49g = 1 then olansi = olansi + 4 ;
if olq49h = 2 then olansi = olansi + 3 ;
if olq49i = 1 then olansi = olansi + 2 ;
if olq49j = 2 then olansi = olansi + 2 ;
if olq45 = 2 or olq46 = 2 then olansi = olansi + 2 ;
if olq19a in (3,4) then olansi = olansi + 3 ;
/***** correct for missing values *****/

miss4546 = 0 ;
if (olq45=. and olq46=.)
or (olq45=. and olq46=3)
or (olq45=3 and olq46=.) then miss4546=. ;

scoremis = 0 ;
array missscor[12] olq49a olq49b olq49c olq49d olq49e olq49f olq49g
                  olq49h olq49i olq49j olq19a miss4546 ;
do i = 1 to 12 ;
    if missscor[i] = . then scoremis = scoremis + 1 ;
end ;

if scoremis>=3 then olansi = . ;      /** can only have 2 missing
from 12, else score=. **/

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Survey 2 Code

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o2ansi = 0 ;
if o2q25a = 1 then o2ansi = o2ansi + 2 ;
if o2q25b = 2 then o2ansi = o2ansi + 3 ;
if o2q25c = 2 then o2ansi = o2ansi + 2 ;
if o2q25d = 2 then o2ansi = o2ansi + 2 ;
if o2q25e = 1 then o2ansi = o2ansi + 3 ;
if o2q25f = 2 then o2ansi = o2ansi + 1 ;
if o2q25g = 1 then o2ansi = o2ansi + 4 ;
if o2q25h = 2 then o2ansi = o2ansi + 3 ;
if o2q25i = 1 then o2ansi = o2ansi + 2 ;
if o2q25j = 1 then o2ansi = o2ansi + 3 ;
if o2q25k = 1 then o2ansi = o2ansi + 2 ;

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if o2q25l = 2 then o2ansi = o2ansi + 2 ;

/***** correct for missing values *****/
scoremis = 0 ;
array missscor[12] o2q25a o2q25b o2q25c o2q25d o2q25e o2q25f
                  o2q25g o2q25h o2q25i o2q25j o2q25k o2q25l ;
scoremis = nmiss (of missscor{*}) ;

/** can only have 2 missing from 12, else score=. **/
if scoremis>=3 then o2ansi = . ;
```

References

Posner BM, Jette AM, Smith KW, Miller DR. Nutrition and health risks in the elderly: the nutrition screening initiative. *American Journal of Public Health*. 1993;83(7):972-978.

Lipski et al (1996). Australian Nutrition Screening Initiative. *Australian Journal on Ageing*

Cobiac et al (1995). What is the nutritional status of older Australians? *Proceedings of the Nutrition Society of Australia*