

Self-reported hearing status

The following syntax can be used to obtain the two versions of the summed scores:

It is applied to the data of wave E. Variables to be used:

esense09	Follow conversation 4 persons: without HA
esense10	Follow conversation 4 persons: with HA
esense11	Have conversation 1 person: without HA
esense12	Have conversation 1 person: with HA
esense13	Can use normal Telephone

****Summed score- without accounting for hearing aid use*

missing values esense09 esense11 esense13 ().

compute ehearSR_sum_woHA = esense09+esense11+ esense13 .

if (esense09<0 | esense11<0 | esense13<0) ehearSR_sum_woHA = -1.

fre ehearSR_sum_woHA .

value labels ehearSR_sum_woHA -1'no summed score, see esense09 and/or 11 and/or 13' .

variable labels ehearSR_sum_woHA 'Summed score of esense09, 11 and 13, self-report, without accounting for hearing aid'.

missing values esense09 esense11 esense13 (-2, -1).

missing values ehearSR_sum_woHA (-1).

*Using this syntax, of Respondents with -1 (na, asked) of -2 (na, see ESENSE01), no summed scores could be computed and are assigned -1.

****Summed score- accounting for hearing aid use*

*First, a score has to be computed that combines esense09 and 10, and esense11 and 12.

*First for esense09 and 10:

missing values esense09 esense10 ().

compute esense0910= esense09 .

if ((esense09 = 2 | esense09 = 3 |esense09 = 4) & (esense10= 1 | esense10= 2 | esense10= 3 | esense10= 4)) esense0910= esense10.

variable labels esense0910 'Answers while using hearing aid (esense10) en without a hearing aid (esense09), taken together'.

value labels esense0910 -1'na' 1'yes, without difficulty' 2'yes, with some difficulty' 3'yes, with much difficulty' 4'no, I cannot' .

fre esense0910.

missing values esense09 esense10 (-2,-1).

missing values esense0910 (-1).

*The same can be performed for esense11 en 12.

missing values esense11 esense12 ().

compute esense1112= esense11 .

if ((esense11 = 2 | esense11 = 3 | esense11 = 4) & (esense12= 1 | esense12= 2 | esense12= 3 | esense12= 4)) esense1112= esense12.

variable labels esense1112 'Answers while using hearing aid (esense12) en without a hearing aid (esense11), taken together'.

value labels esense1112 -1'na' 1'yes, without difficulty' 2'yes, with some difficulty' 3'yes, with much difficulty' 4'no, I cannot' .

fre esense1112.

missing values esense11 esense12 (-2,-1).

missing values esense1112 (-1).

**Now, the summed score that accounts for hearing aid use can be computed:

missing values esense0910 esense1112 esense13().

compute ehearSR_sum_wwoHA = esense0910+esense1112+ esense13 .

IF (esense0910<0 | esense1112<0 | esense13<0) ehearSR_sum_wwoHA = -1.

fre ehearSR_sum_wwoHA .

value labels ehearSR_sum_wwoHA -1'no summed score, see esense0910 and/or 1112 and/or 13' .

variable labels ehearSR_sum_wwoHA 'Summed score of esense0910, 1112 and 13, self-report, with and without hearing aid'.

missing values esense0910 esense1112 esense13 ehearSR_sum_wwoHA (-1).

*This score can be transformed in a categorical variable (3 levels of hearing status) that was mentioned earlier in this document.