

**\* Syntax total physical performance score H wave.**

\*In this example: cut-off values based on LASA B quartiles of individual tests (in red). If you want to use cut-off values of another wave, please read the instructions in the document "How to obtain cut-off values".

\* Create walking categories.

\* if not enough room/time or resp refused the test: -1.

\* if resp in wheelchair or physically incapable: 0.

Compute hwalkq=\$sysmis.

if (hwalk19=1 or hwalk19=2 or hwalk19=3 or hwalk19=5 or hwalk19=6) hwalkq=-1.

if (hwalk19=4 or hwalk01=2 or hwalk03=3) hwalkq=0.

if (hwalk04 ge 1 and hwalk04 le 5) hwalkq=4.

if (hwalk04 = 6 or hwalk04 = 7) hwalkq=3.

if (hwalk04 = 8 or hwalk04 = 9) hwalkq=2.

if (hwalk04 ge 10) hwalkq=1.

if (hwalk04=-2) hwalkq=-1.

Execute.

\* Create chair stands categories.

\* if resp cannot standup without using hands or those who did not complete the 5 rises: 0

Compute hchairq=\$sysmis.

if (hchair2=1 or (hchair6 ge 0 and hchair6 le 4)) hchairq=0.

if (hchair6=5 and (hchair7 ge 1 and hchair7 le 9)) hchairq=4.

if (hchair6=5 and (hchair7 =10 or hchair7=11)) hchairq=3.

if (hchair6=5 and (hchair7=12 or hchair7=13 or hchair7=14)) hchairq=2.

if (hchair6=5 and hchair7 ge 15) hchairq=1.

if (hchair6=-2) hchairq=-1.

if (hchair6=5 and hchair7<-2) hchairq=-1.

Execute.

\* Create cardigan categories.

\* if resp could not complete test or only with help: 0.

Compute hcardtot= sum. (hcardig4, hcardig8).

if (hcardig4<0 or hcardig8<0) hcardtot=-2.

fre hcardtot.

Compute hcardq=\$sysmis.

if (hcardig1 le -1) hcardq=-1.

if (hcardig1 ge 2 or hcardig2 ge 2 or hcardig3 ge 2 or hcardig5 ge 2 or hcardig6 ge 2 or hcardig7 ge 2)

hcardq=0.

if (hcardtot ge 1 and hcardtot le 8) hcardq=4.

if (hcardtot ge 9 and hcardtot le 11) hcardq=3.

if (hcardtot ge 12 and hcardtot le 15) hcardq=2.

if (hcardtot ge 16) hcardq=1.

fre hcardq.

- \* create tandem stand categories.
- \* if resp refuses test: -1.
- \* if resp is physically incapable: 0.

```
compute htandq=$sysmis.
if (htandem1=2 or htandem1=3 or htandem1=4 or htandem1=6 ) htandq=0.
if (htandem1=5) htandq=-1.
if (htandem1=1 and (htandem2 ge 3 and htandem2 le 9)) htandq=2.
if (htandem1=1 and htandem2 ge 10) htandq=4.
if (htandem1 le -1) htandq=-1.
```

```
missing value hcardq hwalkq hchairq htandq (-1).
var lab hcardq 'cardigan test: categories total time needed'.
var lab hwalkq 'walk test: categories total time needed'.
var lab htandq 'tandem stand test: categories total time needed'.
var lab hchairq 'chair stand test: categories total time needed'.
val lab hcardq hwalkq hchairq htandq
  -1 no valid data
  0 unable to do the test
  1 slowest time category
  4 fastest time category
```

\*Compose total physical performance score of 3 tests (lower extremity performance score, only resp with complete data):

```
compute hpf3q=hcardq+hwalkq+hchairq.
```

\*Compose total physical performance score of 4 tests (only resp with complete data):

```
compute hpf4q=hcardq+hwalkq+hchairq+htandq.
```

```
if (sysmis(hpf3q)) hpf3q=-1.
if (sysmis(hpf4q)) hpf4q=-1.
missing value hpf3q hpf4q (-1).
var lab hpf3q 'physical performance score 3 tests'.
var lab hpf4q 'physical performance score 4 tests'.
val lab hpf3q hpf4q
  -1 invalid data on at least 1 test
```

```
fre hpf3q hpf4q.
```

\*Higher scores on hpf3q and hpf4q indicate better physical performance.