

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

**LASAB031 (main interview)**

| name     | label  | values  |
|----------|--|---|
| bsense01 | Respondent wears glasses: observation          | na, interview terminated(-5),<br>na, asked(-1),<br>no(1),<br>yes(2)   |
| bsense02 | Subjective: see well enough                    | na, short version(-4),<br>na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense03 | Small print in paper without glasses etc       | na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                           |
| bsense04 | Small print in paper with glasses etc          | na, wrong skip(-3),<br>na, see BSENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)    |
| bsense05 | Recognize face 4 meter without glasses etc     | na, short version(-4),<br>na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense06 | Recognize face 4 meter with glasses etc        | na, wrong skip(-3),<br>na, see BSENSE05(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)    |
| bsense07 | Respondent wears hearing aid (HA): observation | na, see BSENSE01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)   |

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|          |  |   |
|----------|--|---|
| bsense08 | Subjective: hear well enough                 | na, short version(-4),<br>na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense09 | Follow conversation 4 persons:<br>without HA | na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                           |
| bsense10 | Follow conversation 4 persons:<br>with HA    | na, wrong skip(-3),<br>na, see BSENSE09(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)    |
| bsense11 | Have conversation 1 person:<br>without HA    | na, short version(-4),<br>na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense12 | Have conversation 1 person:<br>with HA       | na, wrong skip(-3),<br>na, see BSENSE11(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)    |
| bsense13 | Can use normal telephone                     | na, short version(-4),<br>na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense14 | Respondent has speech defect:<br>observation | na, see BSENSE01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)   |

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**LASAC031 (main interview)**

| name     | label  | values  |
|----------|--|---|
| csense01 | Respondent wears glasses: observation          | na, interview terminated(-5),<br>na, asked(-1),<br>no(1),<br>yes(2)   |
| csense02 | Subjective: see well enough                    | na, see CSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense03 | Small print in paper without glasses etc       | na, see CSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense04 | Small print in paper with glasses etc          | na, see CSENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense05 | Recognize face 4 meter without glasses etc     | na, see CSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense06 | Recognize face 4 meter with glasses etc        | na, see CSENSE05(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense07 | Respondent wears hearing aid (HA): observation | na, see CSENSE01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)   |
| csense08 | Subjective: hear well enough                   | na, see CSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |

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|          |   |   |
|----------|---|---|
| csense09 | Follow conversation 4 persons: without HA | na, see CSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no I cannot(4)  |
| csense10 | Follow conversation 4 persons: with HA    | na, see CSENSE09(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense11 | Have conversation 1 person: without HA    | na, see CSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense12 | Have conversation 1 person: with HA       | na, see CSENSE11(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense13 | Can use normal telephone                  | na, see CSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| csense14 | Respondent has speech defect: observation | na, see CSENSE01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)   |

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**LASAD031 / LASAE031 (main interview)**

| name       | label  | Values   |
|------------|--|--|
| d/esense01 | R usually wears glasses or contact lenses<br>(in D: observation) | na, interview terminated(-5),<br>na, asked(-1),<br>no(1),<br>yes(2)  |
| d/esense02 | Subjective: see well enough                                      | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| d/esense03 | Small print in paper without glasses etc                         | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| d/esense04 | Small print in paper with glasses etc                            | na, see D/ESENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not use aid(5)                        |
| d/esense05 | Recognize face 4 meter without glasses etc                       | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| d/esense06 | Recognize face 4 meter with glasses etc                          | na, see D/ESENSE05(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have glasses or contact lenses(5) |
| d/esense07 | R usually wears hearing aid (HA)                                 | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)  |

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|------------|--|--|
| d/esense08 | Subjective: hear well enough                 | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| d/esense09 | Follow conversation 4 persons:<br>without HA | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no I cannot(4)                                       |
| d/esense10 | Follow conversation 4 persons:<br>with HA    | na, see D/ESENSE09(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| d/esense11 | Have conversation 1 person:<br>without HA    | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| d/esense12 | Have conversation 1 person:<br>with HA       | na, see D/ESENSE11(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| d/esense13 | Can use normal telephone                     | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| d/esense14 | Respondent has speech defect:<br>observation | na, see D/ESENSE01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)  |

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**LAS2B031 (main interview)**

| name     | label                                      | Values   |
|----------|--|--|
| bsense03 | Small print in paper without glasses etc   | na, interview terminated(-5),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| bsense04 | Small print in paper with glasses etc      | na, see BSENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not use aid(5)                        |
| bsense05 | Recognize face 4 meter without glasses etc | na, see BSENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| bsense06 | Recognize face 4 meter with glasses etc    | na, see BSENSE05(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have glasses or contact lenses(5) |
| bsense09 | Follow conversation 4 persons: without HA  | na, see BSENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no I cannot(4)   |
| bsense10 | Follow conversation 4 persons: with HA     | na, see BSENSE09(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5)             |

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|----------|---|--|
| bsense11 | Have conversation 1 person:<br>without HA | na, see BSENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| bsense12 | Have conversation 1 person:<br>with HA    | na, see BSENSE11(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| bsense13 | Can use normal telephone                  | na, see BSENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |



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**LASAF031 / LASAG031 (medical interview)**

| name       | label                                      | Values  |
|------------|--|---|
| f/gmsens01 | R usually wears glasses or contact lenses  | <i>Only in wave G:</i> na, section not done(-5)<br>na, asked(-1),<br>no(1),<br>yes(2)   |
| f/gmsens02 | Subjective: see well enough                | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                           |
| f/gmsens03 | Small print in paper without glasses etc   | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                           |
| f/gmsens04 | Small print in paper with glasses etc      | na, see F/GMSENS03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not use aid(5) |
| f/gmsens05 | Recognize face 4 meter without glasses etc | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                           |
| f/gmsens06 | Recognize face 4 meter with glasses etc    | na, see F/GMSENS05(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                           |
| f/gmsens07 | R usually wears hearing aid (HA)           | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)   |

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|------------|---|--|
| f/gmsens08 | Subjective: hear well enough                            | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| f/gmsens09 | Follow conversation 4 persons:<br>without HA            | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no I cannot(4)                                       |
| f/gmsens10 | Follow conversation 4 persons:<br>with HA               | na, see F/GMSENS09(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| f/gmsens11 | Have conversation 1 person:<br>without HA               | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| f/gmsens12 | Have conversation 1 person:<br>with HA                  | na, see F/GMSENS11(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| f/gmsens13 | Can use normal telephone                                | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| f/gmsens14 | R has speech defect:<br>observation                     | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)  |
| f/gmsens15 | R has problems understanding<br>written text (dyslexic) | na, see F/GMSENS01(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)  |

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### LASAH031 (medical interview)

| name     | label                                      | Values   |
|----------|--|--|
| hmsens01 | R usually wears glasses or contact lenses  | na, section not done(-5),<br>na, asked(-1),<br>no(1),<br>yes(2)  |
| hmsens02 | Subjective: see well enough                | na, see HMsens01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| hmsens03 | Small print in paper without glasses etc   | na, see HMsens01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| hmsens04 | Small print in paper with glasses etc      | na, see HMsens03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have glasses or contact lenses(5)   |
| hmsens05 | Recognize face 4 meter without glasses etc | na, see HMsens01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| hmsens06 | Recognize face 4 meter with glasses etc    | na, see HMsens05(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have glasses or contact lenses (5)  |
| hmsens7a | R possesses hearing aid (HA)               | na, section not done(-5),<br>na, asked(-1),<br>no, never had before(1),<br>yes, possess one without use(2),<br>yes, possess two without use(3),<br>yes, possess one with use(4),<br>yes, possess two with use of one(5),<br>yes, possess two with use(6) |

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|----------|---|--|
| hmsens7b | R wears hearing aid(s) (HA) how many hours  | na, see HMsens7A(-2),<br>na, asked(-1),<br>< 1 hr a day(1),<br>1-4 hrs a day(2),<br>4-8 hrs a day(3),<br>all day(4)  |
| hmsens08 | Subjective: hear well enough                | na, see HMsens7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| hmsens09 | Follow conversation 4 persons: without HA   | na, see HMsens7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no I cannot(4)                                       |
| hmsens10 | Follow conversation 4 persons: with HA      | na, see HMsens09(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| hmsens11 | Have conversation 1 person: without HA      | na, see HMsens7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| hmsens12 | Have conversation 1 person: with HA         | na, see HMsens11(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| hmsens16 | Can understand 1 person at party without HA | na, see HMsens7A(-2),<br>na, asked(-1),<br>hardly ever(1),<br>sometimes(2),<br>often(3),<br>almost always(4),<br>R does not have a hearing aid(5)  |

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

|          |  |  |
|----------|--|--|
| hmsens17 | Can understand 1 person at party with HA   | na, see HMsENS16(-2),<br>na, asked(-1),<br>hardly ever(1),<br>sometimes(2),<br>often(3),<br>almost always(4),<br>R does not have a hearing aid(5)            |
| hmsens13 | Can use normal telephone                   | na, see HMsENS7A1(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| hmsens18 | R hears noises, beeping, etc: nowadays     | na, see HMsENS7A(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)  |
| hmsens19 | R hears noises, beeping, etc: frequency    | na, see HMsENS18(-2),<br>na, asked(-1),<br>some of the time(1),<br>most of the time(2),<br>all of the time(3)  |
| hmsens20 | R hears noises, beeping, etc: how annoying | na, see HMsENS18(-2),<br>na, asked(-1),<br>not annoying at all(1),<br>a bit annoying(2),<br>rather annoying(3),<br>most annoying(4)                          |

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

**LAS3B031 (main interview)**

| name     | label                                      | Values   |
|----------|--|--|
| bsense01 | R usually wears glasses or contact lenses  | na, interview terminated(-5),<br>na, asked(-1),<br>no(1),<br>yes(2)  |
| bsense02 | Subjective: see well enough                | na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| bsense03 | Small print in paper without glasses etc   | na, see BSENSE01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)  |
| bsense04 | Small print in paper with glasses etc      | na, see BSENSE03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have glasses or contact lenses(5)   |
| bsense05 | Recognize face 4 meter without glasses etc | na, see BSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)   |
| bsense06 | Recognize face 4 meter with glasses etc    | na, see BSENSE05(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have glasses or contact lenses (5)  |
| bsense7a | R possesses hearing aid (HA)               | na, section not done(-5),<br>na, asked(-1),<br>no, never had before(1),<br>yes, possess one without use(2),<br>yes, possess two without use(3),<br>yes, possess one with use(4),<br>yes, possess two with use of one(5),<br>yes, possess two with use(6) |

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

|          |  |  |
|----------|--|--|
| bsense7b | R wears hearing aid(s) (HA) how many hours | na, see BSENSE7A(-2),<br>na, asked(-1),<br>< 1 hr a day(1),<br>1-4 hrs a day(2),<br>4-8 hrs a day(3),<br>all day(4)  |
| bsense08 | Subjective: hear well enough               | na, see BSENSE7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| bsense09 | Follow conversation 4 persons: without HA  | na, see BSENSE7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no I cannot(4)                                       |
| bsense10 | Follow conversation 4 persons: with HA     | na, see BSENSE09(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| bsense11 | Have conversation 1 person: without HA     | na, see BSENSE7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| bsense12 | Have conversation 1 person: with HA        | na, see BSENSE11(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| bsense13 | Can use normal telephone                   | na, see BSENSE7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| bsense18 | R hears noises, beeping, etc: nowadays     | na, see BSENSE7A(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)  |

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

|          |   |   |
|----------|---|---|
| bsense19 | R hears noises, beeping, etc:<br>frequency    | na, see BSENSE18(-2),<br>na, asked(-1),<br>some of the time(1),<br>most of the time(2),<br>all of the time(3)                       |
| bsense20 | R hears noises, beeping, etc:<br>how annoying | na, see BSENSE18(-2),<br>na, asked(-1),<br>not annoying at all(1),<br>a bit annoying(2),<br>rather annoying(3),<br>most annoying(4) |



Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

**LASMB031 (main interview)**

| name     | label   | values   |
|----------|---|--|
| bsense03 | Small print in paper with or without glasses etc    | na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense05 | Recognize face 4 meter with or without glasses etc  | na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense7a | R possesses hearing aid (HA)                        | na, asked(-1),<br>no, never had before(1),<br>yes, possess one or two without use(2),<br>yes, possess one or two with use(3),      |
| bsense7b | R wears hearing aid(s) (HA) how many hours          | na, see BSENSE7A(-2),<br>na, asked(-1),<br>< 1 hr a day(1),<br>1-4 hrs a day(2),<br>4-8 hrs a day(3),<br>all day(4)                |
| bsense09 | Follow conversation 3/4 persons: with or without HA | na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no I cannot(4)  |
| bsense11 | Have conversation 1 person: with or without HA      | na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense13 | Can use normal telephone                            | na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| bsense18 | R hears noises, beeping, etc: nowadays              | na, asked(-1),<br>no(1),<br>yes(2)   |
| bsense19 | R hears noises, beeping, etc: frequency             | na, see BSENSE18(-2),<br>na, asked(-1),<br>some of the time(1),<br>most of the time(2),<br>all of the time(3)                      |

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

|          |   |   |
|----------|---|---|
| bsense20 | R hears noises, beeping, etc:<br>how annoying | na, see BSENSE18(-2),<br>na, asked(-1),<br>not annoying at all(1),<br>a bit annoying(2),<br>rather annoying(3),<br>most annoying(4) |
|----------|---|---|

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

**LASAI031 (medical interview)**

| name     | label                                      | values   |
|----------|--|--|
| imsens01 | R usually wears glasses or contact lenses  | na, section not done(-5),<br>na, asked(-1),<br>no(1),<br>yes(2)  |
| imsens03 | Small print in paper without glasses etc   | na, wrong skip(-3),<br>na, see IMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)   |
| imsens04 | Small print in paper with glasses etc      | na, wrong skip(-3),<br>na, see IMSENS03(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have glasses or contact lenses(5)                      |
| imsens05 | Recognize face 4 meter without glasses etc | na, wrong skip(-3),<br>na, see IMSENS01(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)   |
| imsens06 | Recognize face 4 meter with glasses etc    | na, wrong skip(-3),<br>na, see IMSENS05(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have glasses or contact lenses (5)                     |
| imsens7a | R possesses hearing aid (HA)               | na, section not done(-5),<br>na, asked(-1),<br>no, never had before(1),<br>yes, possess one without use(2),<br>yes, possess two without use(3),<br>yes, possess one with use(4),<br>yes, possess two with use of one(5),<br>yes, possess two with use(6) |

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

|          |   |  |
|----------|---|--|
| imsens7b | R wears hearing aid(s) (HA) how many hours  | na, see IMSENS7A(-2),<br>na, asked(-1),<br>< 1 hr a day(1),<br>1-4 hrs a day(2),<br>4-8 hrs a day(3),<br>all day(4)  |
| imsens08 | Subjective: hear well enough                | na, see IMSENS7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| imsens09 | Follow conversation 4 persons: without HA   | na, see IMSENS7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no I cannot(4)                                       |
| imsens10 | Follow conversation 4 persons: with HA      | na, see IMSENS09(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| imsens11 | Have conversation 1 person: without HA      | na, see IMSENS7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4)                                      |
| imsens12 | Have conversation 1 person: with HA         | na, see IMSENS11(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4),<br>R does not have a hearing aid(5) |
| imsens16 | Can understand 1 person at party without HA | na, see IMSENS7A(-2),<br>na, asked(-1),<br>hardly ever(1),<br>sometimes(2),<br>often(3),<br>almost always(4),<br>R does not have a hearing aid(5)  |

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

|          |  |   |
|----------|--|---|
| imsens17 | Can understand 1 person at party with HA   | na, see IMSENS16(-2),<br>na, asked(-1),<br>hardly ever(1),<br>sometimes(2),<br>often(3),<br>almost always(4),<br>R does not have a hearing aid(5)           |
| imsens13 | Can use normal telephone                   | na, see IMSENS7A(-2),<br>na, asked(-1),<br>yes, without difficulty(1),<br>yes, with some difficulty(2),<br>yes, with much difficulty(3),<br>no, I cannot(4) |
| imsens18 | R hears noises, beeping, etc: nowadays     | na, see IMSENS7A(-2),<br>na, asked(-1),<br>no(1),<br>yes(2)   |
| imsens19 | R hears noises, beeping, etc: frequency    | na, see IMSENS18(-2),<br>na, asked(-1),<br>some of the time(1),<br>most of the time(2),<br>all of the time(3)   |
| imsens20 | R hears noises, beeping, etc: how annoying | na, see IMSENS18(-2),<br>na, asked(-1),<br>not annoying at all(1),<br>a bit annoying(2),<br>rather annoying(3),<br>most annoying(4)                         |

Variable information: LASAB031 / LASAC031 / LASAD031 / LASAE031 / LAS2B031 / LASAF031 / LASAG031 / LASAH031 / LAS3B031 / LASMB031 / LASAI031 / LASAJ031<sup>†</sup> / LASAK031<sup>†</sup>; LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LASAF231 / LASAG231 / LASAH231 / LAS3B231 / LASAI231 / LASAJ231<sup>†</sup> / LASAK231<sup>†</sup> (Constructed)

**LASAB231 / LASAC231 / LASAD231 / LASAE231 / LAS2B231 / LAS3B231**

| name               | label                         | values  |
|--------------------|-------------------------------|---|
| b/c/d/e/b/bsensev  | vision without glasses        | no valid data(-1),<br>without or with some difficulty(0),<br>> 1 item with some difficulty(1) |
| b/c/d/e/b/bsensevg | vision with glasses           | no valid data(-1),<br>without or with some difficulty(0),<br>> 1 item with some difficulty(1) |
| b/c/d/e/b/bsenseh  | hearing without a hearing aid | no valid data(-1),<br>without or with some difficulty(0),<br>> 1 item with some difficulty(1) |
| b/c/d/e/b/benseha  | hearing with a hearing aid    | no valid data(-1),<br>without or with some difficulty(0),<br>> 1 item with some difficulty(1) |

**LASAF231 / LASAG231 / LASAH231 / LASAI231**

| name           | label                         | values  |
|----------------|-------------------------------|---|
| f/g/h/imsensv  | vision without glasses        | no valid data(-1),<br>without or with some difficulty(0),<br>> 1 item with some difficulty(1) |
| f/g/h/imsensvg | vision with glasses           | no valid data(-1),<br>without or with some difficulty(0),<br>> 1 item with some difficulty(1) |
| f/g/h/imsensh  | hearing without a hearing aid | no valid data(-1),<br>without or with some difficulty(0),<br>> 1 item with some difficulty(1) |
| f/g/h/imsensha | hearing with a hearing aid    | no valid data(-1),<br>without or with some difficulty(0),<br>> 1 item with some difficulty(1) |

<sup>†</sup> LASAJ031, LASAK031, LASAJ231 and LASAK231 not available yet