**Table 1 Normative data of the door version of the PICture Naming and Immediate Recall (PICNIR) test in the elderly population (n=260) stratified by age, education and gender for the picture naming error (PICNIR-NE) score (A), for picture recall score (B) and for Recnam score as the number of correctly recalled picture names minus the number of picture naming errors (C)**

The lowest normal scores are highlighted bold in gray cells and their corresponding percentiles are bold.

**A Normative data for picture naming error score of the door PICNIR**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Level of education** | **Well educated** | | **Less educated** | | **All**  **participants** |
| **Years of schooling (**min-max) | **16 - 26 years** | | **9 - 15 years** | | **9 - 26 years** |
| **Stratified subgroup by gender** | **Younger**  **female/male** | **Older**  **female/male** | **Younger**  **female/male** | **Older**  **female/male** | **All**  **female/male** |
| **Age** (years, min-max) | **59-69** | **70-89** | **57-69** | **70-87** | **59-89** |
| **Number of participants** | 48 / 20 | 32 / 26 | 64 / 8 | 50 / 12 | 194/66 |
| **PICNIR-NE score** (mean ± standard deviation) | 0±1/ 1±1 | 1±1/ 1±1 | 1±1/ 1±1 | 1±1/ 3±3 | 1±1/ 1±2 |
| **Mean - 1** standard deviation | 1/2 | 2/2 | 2/2 | 2/6 | 2/3 |
| **Mean - 1.5** standard deviation | 2/3 | 3/3 | 3/3 | 3/8 | 3/4 |
| **Mean - 2** standard deviations | 2/4 | 4/4 | 4/4 | 4/9 | 4/5 |
| **Median** (interquartile range) | 0(0-0)/0(0-1) | 0(0-1)/1(0-1) | 0(0-1)/2(0-2) | 1(0-2)/2(1-4) | 0(0-1)/1(0-2) |
| **PICNIR-NE score** (points) | **Percentiles** | | | | |
| **0** | **23/35** | **47/**50 | 42/62 | 66/83 | **44**/53 |
| **1** | 4/15 | 9/**19** | 9/**50** | **30**/50 | 13/**27** |
| 2 | 0/0 | 3/8 | 6/0 | 16/33 | 7/9 |
| **3** |  | 0/0 | 2/- | 8/**25** | 3/5 |
| 4 |  |  | 0/- | 4/- | 1/- |
| 5 |  |  |  | 0/8 | 0/2 |

**B Normative data for picture recall (PICNIR-PICR) score of the door PICNIR**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Level of education** | **Well educated** | | **Less educated** | | **All**  **participants** |
| **Years of schooling (**min-max) | **16 - 26 years** | | **9 - 15 years** | | **9 - 26 years** |
| **Stratified subgroup by gender** | **Younger**  **female/male** | **Older**  **female/male** | **Younger**  **female/male** | **Older**  **female/male** | **All**  **female/male** |
| **Age** (years, min -max ) | **59-69** | **70-89** | **57-69** | **70-87** | **59-89** |
| **Number of participants** | 48 / 20 | 32 / 26 | 64 / 8 | 50 / 12 | 194/66 |
| **PICNIR-PICR score** (mean ± standard deviation) | 9±2 / 8±3 | 8±2 / 7±2 | 8±2 / 8±1 | 8±2 / 7±2 | 8± 2 / 7 ±2 |
| **Mean - 1** standard deviation | 7/5 | 6/5 | 6/7 | 6/5 | 6/5 |
| **Mean - 1.5** standard deviation | 6/3 | 5/4 | 5/6 | 5/4 | 5/4 |
| **Mean - 2** standard deviations | 5/2 | 4/3 | 4/6 | 4/3 | 4/4 |
| **Median** (interquartile range) | 10(8-10)8(6-9) | 8(7-9)7(6-8) | 8(7-9)8(7-9) | 8(6-9)7(6-9) | 8(7-10)8(6-9) |
| **PICNIR-PICR score** (points) | **Percentiles** | | | | |
| 0 | -/5 |  |  |  | -/2 |
| 2 |  | 3/- |  | 4/- | 2/- |
| 3 |  | -/4 | 2/- | -/8 | 2/5 |
| 4 |  | -/12 | 5/- | 10/- | 5/8 |
| **5** | - /15 | 13/- | 6/- | **18/17** | 9/12 |
| **6** | 13**/35** | **19/35** | 9/- | 28/33 | **16/30** |
| **7** | 15/45 | 34**/**54 | **39/38** | 36/58 | 31/50 |
| **8** | **31**/70 | 59/85 | 59/63 | 66/67 | 54/74 |
| 9 | 44/85 | 84/- | 78/88 | 86/83 | 73/85 |
| 10 | 79/ - | 91/96 | 91/100 | 92/92 | 88/92 |
| 11 | 85/90 | 97/100 | 97/- | 94/100 | 93/97 |
| 12 | 100/100 | -/- | 100/- | 100/- | 99/100 |
| 13 |  | 100/- |  |  | 100/- |

PICNIR-PICR – the number of correctly recalled picture names

Recnam scores =

**C Normative data for Recname score of the door PICNIR (picture recall score minus naming error score)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Level of education** | **Well educated** | | **Less educated** | | **All**  **participants** |
| **Years of schooling** (min-max) | **16 - 26 years** | | **9 - 15 years** | | **9 - 26 years** |
| **Stratified subgroup by gender** | **Younger**  **female/male** | **Older**  **female/male** | **Younger**  **female/male** | **Older**  **female/male** | **All**  **female/male** |
| **Age** (years, min – max ) | **59-69** | **70-89** | **57-69** | **70-87** | **59-89** |
| **Number of participants** | 48 / 20 | 32 / 26 | 64 / 8 | 50 / 12 | 194 / 66 |
| **Recnam score** (mean ± standard deviation) | 9±2/ 7±3 | 7±2 / 6±2 | 8±2 / 7±2 | 6±3 / 5±5 | 8±2 / 6±3 |
| **Mean - 1** standard deviation | 7/4 | 5/4 | 6/5 | 3/0 | 6/3 |
| **Mean - 1.5** standard deviation | 6/3 | 4/3 | 5/4 | 2/-2 | 5/2 |
| **Mean - 2** standard deviations | 5/1 | 3/2 | 4/3 | 0/-5 | 4/0 |
| **Median** (interquartile range) | 9(8-10)8(6-9) | 7(6-9)6(5-7) | 7(6-9)7(6-9) | 7(5-8) 5(2-9) | 8(6-9) 7(5-8) |
| **Recnam score** (points) | **Percentiles** | | | | |
| -6 |  |  |  | -/8 | -/2 |
| -2 | -/5 |  |  | 4/- | 1/3 |
| -1 |  |  | 2/- |  | 2/- |
| 0 |  | 3/- |  | 6/- | 3/- |
| 1 |  |  |  | 8/- | 3/- |
| **2** |  |  |  | -/**33** | -/8 |
| **3** | -/10 | -/12 | 3/- | **16**/- | 6/13 |
| **4** | -/15 | 6/15 | 8/- | 18/50 | 8/**20** |
| **5** | 2/**25** | **16**/**31** | 9/**25** | 28**/-** | 13/31 |
| **6** | 13/35 | 28/54 | **27/**50 | 46/58 | **28/**48 |
| **7** | **17**/50 | 56/81 | 52/63 | 62/67 | 46/66 |
| 8 | 35/75 | 72/85 | 64**/**75 | **76/**75 | 61/79 |
| 9 | 56/85 | 84/- | 86/88 | 94/92 | 80/86 |
| 10 | 79/- | 94/96 | 94/100 |  | 90/92 |
| 11 | 92/95 | 97/100 | 97/- | 98/100 | 96/98 |
| 12 | 100/100 |  | 100/- | 100/- | 99/100 |
| 13 |  | 100/- |  |  | 100/- |