**Normative data for the ALBA memory score stratified by education and age in 560 individuals older than 50 years**

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| --- | --- | --- | --- | --- | --- |
| **Level of education** | **High school with the General Certificate of Education (GCE) and higher education** | | **Primary and high school education without GCE** | | **All** |
| **Years of schooling** (interquartile range) | **(13 - 18 years)** | | **(10 - 12 years)** | | **(13 - 18 years)** |
| **Age** (years, min – max ) | **50-70** | **70-90** | **52-70** | **70-87** | **50-90** |
| **Number of participants** | 226 | 240 | 54 | 40 | 560 |
| **ALBA memory score** (mean ± standard deviation) | 9±2 | 8±2 | 8±2 | 7±2 | 9±2 |
| **Mean - 1** standard deviation | 7 | 6 | 6 | 5 | 7 |
| **Mean - 1.5** standard deviation | 6 | 5 | 5 | 4 | 6 |
| **Mean - 2** standard deviations | 5 | 4 | 4 | 3 | 5 |
| **Median** (interquartile range) | 10 (8-11) | 9 (8-10) | 8.5 (6-10) | 7 (6-8.5) | 9 (7-10) |
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| **ALBA memory score** (points) | **Percentiles** | | | | |
| 1 |  | 1 |  |  | 0 |
| 2 |  | 2 |  |  | 1 |
| 3 | 0 | 4 | 0 | 0 | 2 |
| 4 | 2 | 7 | 2 | 5 | 4 |
| 5 | 5 | 12 | 7 | 10 | 9 |
| **6** | 11 | 15 | **26** | **30** | 15 |
| **7** | **18** | **25** | 43 | 53 | **25** |
| 8 | 27 | 41 | 50 | 75 | 38 |
| 9 | 46 | 64 | 67 | 88 | 58 |
| 10 | 73 | 84 | 85 | 98 | 81 |
| 11 | 94 | 98 | 96 | 100 | 96 |
| 12 | 100 | 100 | 100 |  | 100 |

GCE – general certificate of education (a school leaving certificate, high school diploma)

Normative data are expressed as means ± standard deviations or median and interquartile range (25-75 percentile). Cutoffs are based on subtraction of standard deviations from the means and scores were converted to percentiles in the 4 subgroups stratified by age and education and in the entire normative group. We calculated the lower limits of normal aging using SD and percentiles for the following 3 degrees of cognitive function: mean – 1 SD (16th percentile) for early mild cognitive impairment, mean – 1.5 SD (7th percentile) for late mild cognitive impairment, and mean – 2 SD (2nd percentile) for dementia.

Borderline scores (the ALBA memory score of 6 points for less educated people and 7 points for more educated people) are highlighted bold in gray cells and their corresponding percentiles are bold.

**Normative data for the number of correctly recalled sentence words and gestures in the Amnesia Light and Brief Assessment (ALBA) test in the whole normative sample (n=560)**

|  |  |  |
| --- | --- | --- |
| **ALBA norms** | **Number of correctly recalled sentence words** | **Number of correctly recalled gestures** |
| **Mean ± SD** | 4.5 ± 1.7 | 4.3 ± 1.0 |
| **Mean – 1 SD** | 3 | 3 |
| **Mean – 2 SD** | 1 | 2 |
| **Median** (IQR) | 5 (4-6) | 4 (4-5) |
| **Score** | **Percentiles of number of correctly recalled sentence words** | **Percentiles of number of correctly recalled gestures** |
| 0 | 6 |  |
| 1 | 10 | 1 |
| 2 | 16 | 2 |
| **3** | **24** | **17** |
| 4 | 34 | 55 |
| 5 | 67 | 91 |
| 6 | 100 | 100 |

Data are presented as mean ± standard deviation or median and interquartile range (25-75 percentile). Cut-offs and corresponding percentiles are highlighted in bold.