**Table Normative data for both ALBA and PICNIR tests as the ALPIR score stratified by education, age and gender**

The ALPIR score is the sum of memory ALBA score plus Recnam score (a number of correctly recalled picture names minus a number of picture naming errors).

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

|  |  |  |  |
| --- | --- | --- | --- |
|  | **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 |
| **ALPIR score** (mean ± standard deviation) | 19±2 / 16±4 | 17±3/ 15±3 | 16±3/ 16±4 | 15±5 / 14±6 | 17±4 /15±4 |
| **Mean - 1** standard deviation | 17/12 | 14 /12 | 13/12 | 10/8 | 13/11 |
| **Mean - 1.5** standard deviation | 16/10 | 12/10 | 11/10 | 7/5 | 11/9 |
| **Mean - 2** standard deviations | 15/8 | 11/9 | 10/8 | 5/2 | 9/7 |
| **Median** (interquartile range) | 20(18-21) /17(14-19) | 17(15-18)/14(13-19) | 16(15-19)/15(13-20) | 15(13-18)/15(10-20) | 17(15-19)/16(13-19) |
| **ALPIR score** (points) | **Percentiles** |
| -1 |  |  |  | 4/- | 1/- |
| 3 |  |  |  | -/8 | -/2 |
| 5 |  |  | 2/- |  | 2/- |
| 7 | -/10 |  |  |  | -/5 |
| **8** |  |  |  | -/**17** | -/6 |
| 9 |  |  | 3/- | 12/25 | 4/8 |
| **10** |  | 6/4 |  | **18**/33 | 7/10 |
| 11 |  | -/12 | -/13 | 20/- | 7/15 |
| **12** | -/15 |  | 8/**25** | 24/42 | 10/**24** |
| **13** | 2/ **25** | 9/**38** | 14/- | 30/50 | 14/34 |
| **14** | 4/- | **16**/54 | **19**/50 | 38/- | **20**/43 |
| 15 | 15/35 | 34/62 | 34/- | 54/- | 35/50 |
| **16** | **23**/45 | 47/65 | 55/63 | 64/58 | 48/58 |
| 17 | 25/60 | 66/77 | 66/- | 72/67 | 57/68 |
| 18 | 35/65 | 78/81 | 75/- | 80/- | 67/71 |
| 19 | 44/80 | 88/92 | 83/75 | 90/- | 76/82 |
| 20 | 71/90 | 94/ 100 | 89/100 | 96/92 | 87/95 |
| 21 | 88/- |  | 95/- | -/100 | 93/97 |
| 22 | 98/100 | 97/- | 100/- |  | 97/100 |
| 23 | 100/- |  |  | 98/- | 99/- |
| 24 |  | 100/- |  | 100/- | 100/- |